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Park's Floral Magazine

Vol. XLVIII, No. 12. LA PARK, PA., DECEMBER, 1912. 1 Year 10 Cts.
Established 1871. 6 Years 50 Cts.



SPLENDID MIXED TULIPS.

I AM AGAIN able to offer Splendid Mixed Tulips as a premium. These are of a late importation, and of very superior size and quality. They are all large, plump bulbs, and every one can be depended upon for a superb flower in spring. The mixture embraces Single and Double, Early and Late, Parrot and Botanical Tulips. They will make a gorgeous group or bed. I guarantee them to please you. This is the last bulb offer of the season.

Park's Floral Magazine 1 yr and 14 splendid Tulips, all kinds and colors, sure to bloom 15c.
Magazine 3 years or 3 subscriptions 1 year, with 48 splendid Tulips, sure to bloom 50c.
Magazine 6 years or 6 subscriptions 1 year, with 100 splendid Tulips, sure to bloom 1.00.

Now is the time to plant these bulbs. All are perfectly hardy. They will bloom early in spring. Full cultural directions accompany the bulbs. See your neighbors and get up a club. Address **GEO. W. PARK, La Park, Pa.**

PLEASE NOTE.—My grower in Holland wrote me that these bulbs were worth more than twice the price at which he billed them to me, but that he let them go, as he had a surplus on hand, and the season was late. His loss is your gain, as I make no extra charge on account of the increased value of the bulbs.

The Finest Polyanthus Narcissus.

The finest of all Narcissus for house culture are the Polyanthus varieties. The bulbs are sure to bloom well in winter even under unfavorable conditions, and every window gardener should grow them. I offer the three best, most distinct sorts, and the bulbs are large, sound and reliable. If you want to be sure of a fine display of beautiful and fragrant flowers the coming winter, do not fail to order a collection or more of these splendid bulbs. Price 5 cents each, or the three bulbs for 10 cents, three collections (nine bulbs) only 25 cents, mailed.

Grand Monarque, pure white with citron cup;

large and beautiful, borne in splendid trusses.

Gloriosa, soft white with dark, bright orange cup; very fine trusses.

Grand Soliel d' Or, beautiful golden yellow flowers in large trusses. This is the true Golden Sacred Lily. The flowers are entirely yellow and produced in big trusses; very fragrant.

For winter-blooming treat these as you would Hyacinth bulbs. In the South they do well bedded out. They often do well even in Pennsylvania when bedded out.

GLORIOUS TRUMPET DAFFODILS.

Three Finest Named Sorts, only 15 Cents.

I offer this month a collection of the three finest Trumpet Daffodils, splendid large bulbs, with Park's Floral Magazine a year, for only 15 cents. Here is the collection:

Madam de Graaf, the new giant-flowered Daffodil; pure white perianth and sulphur trumpet. I was able to secure a lot of these expensive bulbs at a bargain this year, and can sell them at 10 cents each, \$1.00 per dozen.

Bicolor Victoria, a grand sort; flowers of great size; white perianth and golden trumpet. See description in last month's Magazine. 8 cents each, 75 cents per dozen.

Ajax Princeps, very large sulphur-colored flowers; a variety of rare beauty. Price 5 cents each, 50 cents per dozen.

One bulb of each of the above with Park's Floral Magazine a year for only 15 cents. Once planted these Daffodils need not be disturbed for years, and will bloom with greater richness and beauty each spring. You will never regret the outlay for these choice hardy bulbs.

For \$1.00 I will send eight collections, 24 bulbs, eight of each of the above grand Narcissus, enough for a fine bed. They can be mixed in the bed or grouped as desired. Order this month.

Address **GEO. W. PARK, LaPark, Pa.**



SPLENDID SINGLE HYACINTHS.

I can supply the following collection of fine named Hyacinths this month, or as long as the supply lasts. The bulbs are of good size, and the ten bulbs will be sent with Park's Floral Magazine a year for only 40 cents.

King of the Blues, dark blue.

King of Belgium, dark red.

Mme. Van der Hoop, white.

Grand Maitre, porcelain.

King of the Yellows, rich yellow.

These bulbs are all suitable for either garden or house culture, and are a bargain at the offer made. Address

Queen of the Blues, light blue.

Lord Balfour, mauve.

Moreno, waxy pink, fine.

Grande Blanche, bluish white.

One fine named bulb, my choice.

GEO. W. PARK, La Park, Pa.

TULIPS.—I can now supply only the Premium Tulips, offered on first title page.

Bulbs For Winter-Blooming.

The following bulbs are indispensable for winter-blooming. Get them, pot them and place in a dark closet to root, then bring to the window as wanted. They will bloom shortly after being brought to the light.

Chinese Sacred Lilies, fine imported bulbs. Each 8c, per doz. 80c.

Paper White Narcissus, imported from France. Each 2c, doz. 22c.

White Roman Hyacinths, fine bulbs for pots. Each 4c, 40c a dozen.

Bermuda Freesias, large bulbs, sure to bloom. Each 2 cents, per dozen 20 cents, per hundred, \$1.25.

Mammoth Buttercup Oxalis, fine for pots. Each 4 cents, per dozen 40 cents, per hundred \$2.50.

Zephyranthes or Daffodil Lily, a small Amaryllis, of great beauty in pots; colors white and rose. Either color, each 4c, dozen 40c, hundred \$2.50.

Address

GEO. W. PARK, La Park, Pa.



THE ORCHID-FLOWERING IRIS.

I offer a splendid named collection of the beautiful Orchid-flowering Spanish Iris. They are hardy and gorgeous in groups or beds, blooming for several weeks in the spring. The list embraces all the fine colors. Price, the ten fine bulbs, with Park's Floral Magazine one year, only 15 cents. Or, for bedding purposes, 100 bulbs (10 collections) 80 cents. I wish all my friends would try these Iris. They are beautiful.

Azure, Philomela, exquisite.

Blue, Darling, finest dark blue.

Yellow, Chrysolora, large, bright.

Pure White, Blanche Superb, fine.

Soft White, Blanchard, pretty.

Blue Bronze, Stellata, blue and gold.

Orange, Prince of Orange, bronzy.

Porcelain, Louise, white shaded blue.

Gold Bronze, Thunderbolt, showy.

Variegated, Formosa, lilac, olive.

GEO. W. PARK, La Park, Lanc. Co., Pa.

Planting Hardy Bulbs.—Tulips, Crocuses, Narcissus, Hyacinths and Iris may be bedded out any time before the ground freezes. I have even set them upon the frozen ground and covered with earth dug from a hillside. Tread the earth after planting, and mulch with stable litter. You can safely plant this month, the earlier the better. This is the close of the bulb season, and those who wish a bed of spring-blooming bulbs should not fail to plant this month.—**GEO. W. PARK.**



SINGLE TULIP.



DOUBLE TULIP.



SINGLE NARCISSUS.



DOUBLE NARCISSUS.

25 CHOICE HARDY BULBS. FOR ONLY 25 CENTS.

I OFFER my friends the finest collection of Choice Hardy Bulbs that has ever been advertised. It is a great bargain. These are all very handsome, named sorts, grown for me in immense quantities by Holland specialists, and imported this season. They are not inferior, cheap or mixed bulbs, but such as will give perfect satisfaction.

Single Tulip. early Spring flower; rich color.
Double Tulip. blooms later; effective, beautiful.
Narcissus Pœticus, white flower, pink cup; fine.
Alba plena odorata, double, Gardenia scent.
Leedsii, a superb newer sort; white.
Incomparabilis, yellow, double Daffodil.
Campernelle Jouquil, large, yellow, fragrant.
Crocus, large yellow, pretty early Spring flower.
Scilla Siberica, blue, very early and handsome.
Nutans, spikes of drooping bells; charming.
Muscari Cœrulea, lovely blue Grape Hyacinth.
Crocus, a fine bulb unnamed.
Sparaxis, giant sort, very brilliant flowers.

Ornithogalum umbellatum, starry flowers.
Iris Hispanica, Chrysolora, hardy golden Iris.
Blanchard, pure white hardy Iris.
Alex. von Humboldt, handsome blue Iris.
Anemone Coronaria, large, single, Poppy-like.
Coronaria, fl. pl., double, Poppy-like flowers.
Ranunculus, Double French, fine large flowers.
Snowdrop, Galanthus Elwesi, white; very early.
Ixia, lovely flowers in spikes; fine winter-bloomer.
Oxalis rosea, lovely, rich flowered.
Triteleia uniflora, white, early Spring flower.
Chionodoxa luciliae, Glory of the Snow, among the earliest; hardy and beautiful.

THE ABOVE BULBS are all easily grown, and I will include full cultural directions with every collection, so that all who plant them will succeed. I hope every one of my patrons will order the above collection, and ask others to send with them. To encourage club orders I will send an extra lot (25 bulbs) for an order of four collections (\$1 00); or for an order of 10 collections (\$2.50) I will send 20 Choice Hyacinth bulbs in 20 best named double and single varieties. Please see your friends at once, and get up a big club. A trial subscription to Park's Floral Magazine will be included with every collection. These bulbs are all suitable for either house or garden culture. The illustrations will give some idea of their appearance and beauty. Order now. The earlier you get the bulbs the better will they grow and bloom. Address **GEO. W. PARK, La Park, Pa.**

MISCELLANEOUS BULBS.

Amaryllis Johnsonii, 15 cents each, \$1.50 doz.
Anemone fulgens, rich scarlet, doz. 25c, each 3c.
Abniana, mixed, fine pot bulbs, easily grown, per dozen 25 cents, each 3 cents.
Calla Æthiopica, White Calla, fine tubers, 15 cents each, \$1.50 per dozen.
Calla, spotted-leaf, fine tubers, 5 cents each, 50 cents per dozen.
Camassia esculenta, hardy, blue, showy, per dozen 25 cents, each 3 cents.
Day Lilies in variety, per doz. 50 cents each 5c.
Eranthis hyemalis, very early hardy spring flower, per dozen 25 cents, each 3 cents.
Erythronium mixed, splendid little spring flower, per dozen 25 cents, each 3 cents.
Fritillaria Meleagris, elegant bulbous spring flowers, per dozen 25 cents, each 3 cents.
Galltonia Candicans, Summer Hyacinth, hardy, per dozen 50 cents, each 5 cents.
Iris Anglica, English Iris, mixed, a fine spring flowering bulbous Iris of various colors, per dozen 25 cents, each 3 cents.

Iris Kämpferi, white, rose or blue, named, ea. 5c.
Iris Germanica, mixed, per doz. 50c., each 5c.
Iris Florentina, white, blue, purple, separate, per dozen 50 cents, each 5 cents.
Lacheualia quadricolor, a fine pot bulb for winter-blooming, sure to bloom, each 10 cents.
Leucojum Vernum, the lovely spring Snowflake, per dozen 50 cents, each 5 cents.
Lilium Auratum, large bulbs, 20 cents each, \$2.00 per dozen.
Lilium Lancifolium rubrus, 20 cents each, \$2.00 per dozen.
Lilium Lancifolium alba, white, 20 cents each, \$2.00 per dozen.
Lilium Candidum, large bulbs, 15 cents each, \$1.50 per doz.; small bulbs 10 cts. each, \$1.00 doz.
Oxalis Rosea, lovely; rich flowered, doz. 25c, ea. 3c.
" **cernua lutea,** yellow, fine, doz. 25c, each 3c.
" " **fl. pl.,** double, fine, doz. 35c, each 4c.
Puschkinia libanotica, charming hardy spring flower, per dozen 25 cents, each 3 cents.

CHRISTMAS CARDS, TAGS, Etc.

As all of my flower-loving friends use Cards, Tags, Stamps and Seals in their Christmas greetings, and will expend from 15 to 25 or 50 cents for them I have arranged to supply a splendid assortment, 60 kinds, all richly embossed in gold and cardinal and green in the most artistic manner. This entire collection will be sent with Park's Floral Magazine for a year for only 15 cents. If already a subscriber send the Magazine as a Christmas present to some friend. Six lots and six subscriptions, all for 75 cents. Why not get up a club, as everybody will want a set of such cards, tags, etc., at Christmas time. Order soon. Address

GEO. W. PARK, La Park, Pa.

\$100.00 IN CASH



will be paid to those who can correctly count the stars in this ring. This is an honest contest in which there is no element of chance. Count the stars carefully and send us your answer. **Send No Money** as the contest is free for advertising purposes. You don't have to buy anything. If more than one correct answer is received Cash Prize will be paid just the same, proportionately. Address: P. M. Co., P. O. Box 1097a, Phila., Pa.

AGENTS Sell Shoes

A brand new proposition. Big profit on every sale. Sell every day in the year. Any man or woman can take orders. Guaranteed. Every pair must give satisfaction or new pair free. Build up a big business. You take no risk. We guarantee the fit. Write today for terms and sample out-fit, including device for taking measure.

Rubber Heels. Flexible Soles.

THOMAS SHOE CO., 1850 Home St., Dayton, Ohio.

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Embroidered dress and waist patterns. Importations, etc. Newest ideas. Big money makers. Nearly every call a sale. Illus. cat. free. **IMPORT SALES CO., Desk N-6, Chicago.**



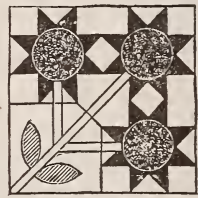
14 K GOLD FILLED SIGNET FREE RING, guaranteed 3 years, any initial engraved free to introduce our catalogue of Watches and Jewelry. Send 10c to cover advertising and postage. **EAGLE JEWELRY CO., Dept. 40, E. Boston, Mass.**

FREE 10 YEAR GUARANTEE GOLD RING. A beautiful Ladies' Cluster gold-filled ring warranted 10 years, set with 2 large cut amethyst, ruby or emerald stones and 2 small pearls. **FREE** for selling only 18 fine Mexican drawn work handkerchiefs at only 10c. each. **NO MONEY REQUIRED.** **R. W. ELDRIDGE, 156 Eldridge Bldg., Orleans, Vt.**



30 TRANSFER PATTERNS FREE

To quickly introduce our new fancy work magazine teaching all popular embroideries, showing newest designs in shirt waists, corset covers, hats, scarfs, centers, etc., we send it 3 months for only 10c and give **Free** the famous Briggs Stamping Outfit, all complete, containing over 30 transfer latest stamping patterns and full instructions. **HOUSEHOLD FANCY WORK CLUB, Dept. 63, TOPEKA, KANSAS.**



QUILT PATTERNS

We want every quilter to have our book of **450 Designs**, containing the prettiest, queerest, scarcest, most grotesque patterns ever thought of, from old log cabin to stars and puzzle designs, also crazy stitches and circulars. All sent, postpaid, for six 2c. stamps (or silver dime). **LADIES' ART CO., Block 3, St. Louis, Mo.**

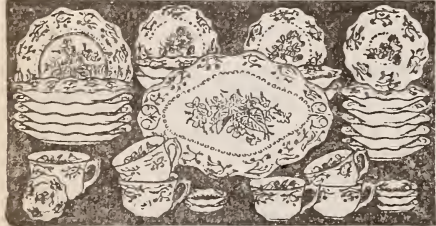


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I want to send every girl and woman reader one of these truly beautiful adjustable Amethyst Bracelets. Gold plated and prettily embossed and has a large Amethyst stone setting. Is adjustable and will fit any arm. Each one sent prepaid in a neat plush lined case. **SEND NO MONEY**—Just send me your name and address—a postal card will do. **Not one cent of your money is required.** Any person can have one who will agree to the very simple condition I ask. Be the first in your locality to own one of these Bracelets. Write at once while they are new. **United Bracelet Co., 41 Friend Bldg., Kansas City, Mo.**

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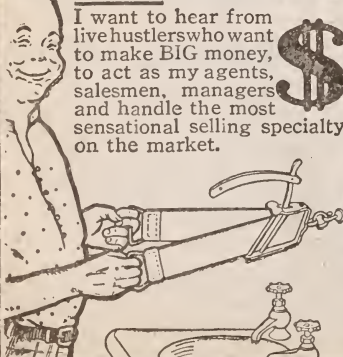
FOR SIX MONTHS. It is worth \$10 a copy to any man intending to invest any money, however small, who has invested money unprofitably, or who can save \$5 or more per month, but who hasn't learned the art of investing for profit. It demonstrates the real earning power of money, the knowledge financiers and bankers hide from the masses. It reveals the enormous profits bankers make and shows how to make the same profits. It explains how stupendous fortunes are made and why made, how \$1,000 grows to \$22,000. To introduce my magazine, write me now. I'll send it six months absolutely **FREE.** **H. L. Barber, Pub., R 418, 26 W. Jackson Blvd., Chicago, Ill.**



31 PIECE DINNER SET FREE!

Ladies—distribute only sixteen of my Big 115 Needle Cases and beautiful 12x15 Art Pictures on my great 25 cent offer, send me the \$4.00 collected and I will ship you this magnificent 31-piece Violet Decorated Dinner Set absolutely free. **No freight charges for you to pay if you accept this offer at once.** Send no money—just your name and address so that I can mail you needles and pictures with large illustration of Set in colors and hundreds of genuine testimonial letters: "rom delighted" "omen everywhere." Address **MGR. DISH CLUB Dept. 56 TOPEKA, KAN.**

REMARKABLE OFFER



AGENTS

\$100 AN HOUR GUARANTEED

New invention. Only device that hones and strops any razor—old style and safety blades—holding it on angle, giving **true scientific, correct barber's stroke.** Accurate, automatic, **guaranteed for life.** Each machine fitted with the celebrated **Rubirundum honing strop.** Quarter million satisfied users. Every man enthusiastic—delighted. Get ready for big **Holiday trade.** Women buy for sweethearts and husbands. Jenkins sold 170 in two weeks; Jewell over 500. Hampton cleaned up \$475 in first 5 weeks. Birley sold 3200 in spare time, still going. You do the same—make 100% to 150%. I'll supply the goods—the quick selling plan—you follow instructions, and pocket the profits. Never such an offer to make money fast—gain independence. Samples furnished to workers. Exclusive territory. Send name and address today and get the squarest offer ever made to agents. Do this **NOW.**

Secretary, **THE VICTOR CO. 981 Victor Bldg., Canton, O.**

PARK'S FLORAL MAGAZINE

A MONTHLY JOURNAL OF FLORICULTURE

Price, 1 year 10 cts.
3 years 25 cts.

Entered at La Park, Pa.,
postoffice as second class mail matter.

GEORGE W. PARK, Editor and Proprietor.

Vol. XLVIII.

LaPark, Pa., December, 1912.

No. 12.

DECEMBER.

Month of peace and glad surcease,
When Dame Nature's children rest
On old Mother Earth's fond breast

Sleeping, sweetly sleeping,
In God's keep. Oh! loved ones, sleep!
As the Christ child slept below
In the manger long ago,

Waiting, only waiting.
Topeka, Kansas. Gussie Morrow Gage.

THE GOLD-BANDED LILY.

LILIIUM Auratum is known as the Gold-banded Lily because of a gold band or stripe which runs through the center of each petal or perianth segment. It is truly one of the finest of Lilies, being of large size, waxy in texture, exquisite in color, and delicious in fragrance. The bulbs are hardy and healthy, and can be planted out in autumn, or kept till spring and planted, and in either case a fine blooming plant will develop during the summer. The bulb may also be placed in a large pot of rich, porous, well-drained soil and kept in a frost-proof place till spring, when the blooming plant will form a handsome decoration for the window or portico, as indicated in the engraving. In potting always set the bulb two inches beneath the surface, as annual roots form along the stem, which nourish and sustain the plant and promote its perfect development. In outdoor planting the bulb should be set six inches

deep, and the soil well-firmed. If set in autumn cover the bed with stable litter after planting.

As the bulbs of the Auratum Lily can be purchased of almost any florist for a few cents each there is hardly any excuse for neglecting its culture. It is one of the few Lilies that do well in the amateur's garden and deserves extended popularity.

Planting Candidum Lilies.—

Candidum Lilies should be planted as soon as they are received in the fall. Do not keep them out of the ground for a day after you get them, if it is possible to plant them. In planting, use a rich, porous, well-drained soil, and set the bulbs at least six inches beneath the surface, and protect well after planting. When cold weather comes, a dressing of stable litter may be placed over the bed. In spring or early summer, flower stems push up from the bulb. The Candidum Lily, more commonly known as the Madonna Lily, is one of the earliest to bloom and very beautiful and fragrant. It is especially adapted for cemetery decoration because of the waxy texture and spotless white color of the flowers.



LILIIUM AURATUM.

Cinnamon Vine

Tubers.—The small tubers that develop upon Cinnamon Vines, should be gathered when frost comes and stored in a cool but frost-proof place during the winter and in the spring they should be planted out.

Park's Floral Magazine.

A Monthly. Entirely Floral.

Geo. W. Park, B. Sc., Editor and Proprietor,
LA PARK, LANCASTER CO., PA.

The Editor invites correspondence from all who love and cultivate flowers.

Subscription Price, 10 cts. for 1 year, 25 cts. for 3 years, or 50 cts. for 6 years.

All communications relating to advertising should be directed to Rhodes & Leisenring, 1017-21 Unity Building, Chicago, Ill., who are the advertising representatives.

DECEMBER, 1912.

Lemon Lilies.—When a Lemon Lily fails to bloom it should be removed to a new place where it will have plenty of sunshine. In preparing the soil, apply a dressing of lime and bonedust.

Mildew.—A subscriber writes that the soil of her pot plants and at the base of her *Aspidistra* plants is affected by mildew. She should allow her plants to become almost dry, then stir some lime and sulphur into the surface soil, apply water slightly hotter than the hand will bear, until it runs freely through the drainage hole at the bottom of the pots. This treatment will generally prove effectual in destroying mildew.

Resurrection Plant.—The plant known by this name will develop its branches or fronds when placed in water, but this does not indicate that it is alive, and will add to its growth. The development caused by the water is due to the action of the moisture upon the under surface of the plant. It is more of a curiosity than a thing of beauty, and should not be considered with the beautiful growing things which are in evidence in the plant window.

Hydrangeas.—If you wish a strong, healthy growth upon the hardy *Hydrangeas*, *Hydrangea arborescens* and *Hydrangea paniculata*, do not fail to cut the plants back early in spring, before the buds push out. Remove the tops till within six inches of the surface of the ground. A number of shoots will then spring up from the base, each of which will bear immense heads of bloom. The same is more or less true of *Hydrangea Sinensis* and other kinds.

Enriching the Lawn.—A subscriber asks if chicken manure may be used to enrich the lawn, scattering it over the surface during autumn. The material is exceedingly rich in fertilizing elements, and before applying it would be well to pound it until it becomes in the form of dust, as it then can be well distributed or sown over the lawn, and will be found an excellent fertilizer. A valuable fertilizer also for the lawn is pulverized sheep manure, applied in the same way.

WINDOW BOXES FOR THE SCHOOL ROOM.

AMONG the best plants for growing in boxes in the school room window are *Petunia*, *Verbena*, *Cuphea platycentra*, *Eranthemum pulchellum*, *Heterocentron album*, *Crassula cordata*, and some of the single-flowered *Geraniums*. For a hanging basket in a shady window use *Kenilworth Ivy*, and for a sunny window, *Lopesia rosea*. In addition to these, it should be borne in mind



CUPHEA PLATYCENTRA.

that the various *Primroses*, such as *Primula Obconica*, *Primula Floribunda*, *Primula Chinensis* are among the most free-blooming and easily grown plants for window culture. The *Petunias*, *Verbenas* and *Geraniums* require a sunny window as they will do no good unless they have plenty of sunshine. The others will grow and bloom if they receive but a modicum of direct sunlight.

Easter Lilies.—The Bermuda Easter Lily is *Lilium Harrisii*, a variety of the *Lilium longiflorum*. The bulbs are hardy in well-drained, sandy soil as far north as Pennsylvania, but farther north they should be protected by coal ashes and a covering of straw or leaves. They are generally grown in pots for Easter blooming, and are kept in a frost-proof place until rooted, then brought to the window. The bulbs should be set two or three inches beneath the surface of the soil, and the plants should be grown in a rather cool, moist atmosphere, otherwise the buds will blast. They require about five months from the time of bedding to develop flowers.

Keeping Cannas.—Where there are but two or three clumps of *Cannas* to be kept over winter, a sure method of preserving them is to transfer them to a box of soil, disturbing the roots as little as possible. Remove the tops and keep in a rather cool, frost-proof room. Apply just enough water to keep the soil moist. Many cellars are not well-ventilated, and when the roots are placed in them they will be attacked by mould, which will destroy them. Where a house is heated by a furnace in the cellar, which keeps it dry, a box can be placed there over winter. These hints may also be taken in preserving *Dahlias* and other bulbs subject to dry rot.

TREATMENT OF PANCRATIUM.

PANCRATIUMS are bulbous plants mostly bearing white and deliciously scented flowers of much beauty. Their treatment is simple.

Pot the bulbs in five to seven inch pots, according to size, allowing the crown to protrude above the surface. Use a good potting soil with charcoal drainage. The plants will not bloom until of large size, and an effort should be made to keep the plants growing until large enough to bloom. This can be done by transplanting into larger pots as the plant needs it, also being careful not to disturb the roots any more than is possible. In autumn, after growth has been made, partially dry the plants off and keep in a semi-dry state during winter months, applying only enough water to keep the roots from becoming injured. In the spring begin watering and give a warmer situation, and the flowering buds will soon develop. The larger the bulbs are the handsomer will be the bloom.

Propagation is often effected by seeds, but as the bulbs become large they will develop offsets which can be removed and grown again until of blooming size. If the plants become troubled with plant lice or thrips, dust the foliage with tobacco dust or pyrethrum powder, and place chopped tobacco stems over the surface soil. Scale or Mealy Bug will sometimes appear and these must be brushed off and the foliage sponged with hot quassia chips tea, or suds of whale oil soap.

Passion Vine.—A lady in Wisconsin has two Passion Vines which she grew from seeds and wants to know if they are hardy. It would not be safe to leave the plants out in a place where the ground freezes hard. In the South *Passiflora cœrulea* and *Passiflora edulis* are hardy as far north as Tennessee, but farther north they should be protected or kept where they will not freeze. The plants will not bloom until the second or third year after the seeds are sown. *Passiflora gracilis* is an annual and a handsome plant for a pot trellis.



Protecting Water Lilies.—When Water Lilies are in a foot and one-half or two feet of water, and well embedded in the soil, they will hardly need protection. If the pond is very much exposed to the elements, however, the bulbs of the Lilies might be protected by a few boards placed over the water.

Thousand-Legged Worms.—These are scientifically known as Myriapods, that are predaceous in their habits and live upon insects and worms, etc., which they find in the soil. They do not live upon vegetable products.

TUBEROSE CULTURE.

TO BLOOM WELL, Tuberoses should be lifted as soon as frost comes and allowed to dry off in a rather warm, dry room. When thoroughly dry the bulbs may be stored in a dry, frost-proof room until spring. The flower germs of Tuberoses are very tender, and if subjected to a damp, chilly



atmosphere, they are liable to decay. The bulbs can be started early in boxes of soil, but avoid watering freely until roots form and growth begins. If watered too freely, the germ is liable to rot. Never allow the bulbs to become chilled and do not set them in the open ground until it becomes warm, and the bed should be in a sunny situation. The bulb should be four or five inches beneath the soil. When hot weather comes mulch with stable litter. When the flower shoots appear it is well to shade them from the hot sun of midday, if possible. Do not allow the plants to suffer for want of water during the hot growing season. Bulbs that are started in the house should be kept dry and warm until the ground is warm, then they should be set five inches deep in a sunny exposure, mulching as before suggested. Bulbs that have been improperly treated, will not bloom, having lost their flower germs. Bulbs that have bloomed will hardly bloom the second season, but the bulbets may be taken off and grown until they become of blooming size.

Asparagus Sprengeri.—This Asparagus grows by installments. Sometimes it will develop with considerable vigor, then become partially inactive and make but a slow growth. It is generally better to start the plant in a small pot and shift into a larger one as it develops. Like other species of Asparagus, portions of the tops will often turn yellow and die, but when the plant becomes active, these dead portions will be more than replaced with new and beautiful branches. When the plant is inactive, water it sparingly and keep it in a rather cool place. Under this treatment, it will be all the better prepared to grow vigorously when its growing period arrives.



ASPARAGUS SPRENGERI.

Yellow Tuberous Begonias.—These are quite as vigorous and hardy as the red and white flowered varieties. The tubers should be placed in dry sand or wrapped in cotton and kept in a temperature of 50 degrees during winter. In the spring pot them, when they should soon throw out roots and begin growing. It is a mistake to buy tuberous-rooted Begonias in autumn. The best time to get them is in early spring and early summer.

CRINUM ORNATUM.

THIS IS THE same as that catalogued as *Crinum Moorei*. It was introduced from Natal in 1874. It is one of the finest of *Crinums*, and the bulbs are sure to bloom if given fair treatment. The bulbs are of large size and require a large pot in which to grow them, say a pot from a foot to eighteen inches in diameter is not too large. The neck of the bulbs may protrude above the soil, and the soil should be well firmed about the bulb when potting. A compost of half-rotted sods, with some broken charcoal, and well-rotted manure, will produce the finest flowers, and the drainage should be thorough. Water rather sparingly until growth begins, then water freely until after their active period. Give them full sunshine as they like heat. In autumn, gradually withhold water and keep the soil partially moist, and the pots in a cool place until spring, when the top soil can be removed and replaced with fresh soil, gradually applying water until growth begins, when the plants can be watered freely as before. The flowers come in large umbels and are showy and beautiful. In the South, they may be grown out of doors, but at the North, they require to be grown in pots as window plants.



CRINUM.

Bone Meal.--Bone meal, bone dust and ground bones can be used on Roses and other flowering shrubs, Geraniums, flowering window plants, and on outdoor blooming plants. The meal is largely composed of lime, and when made of fresh bones, contains a portion of phosphorous, both of which materials tend to early maturity and free blooming. Unlike manure fertilizers, bone fertilizers do not harbor insects and promote decay. They are, therefore, preferable in many instances, and are much used by florists who grow flowers in greenhouses for market. A tablespoonful of this material is sufficient for a good-sized plant, and is generally applied by stirring it into the surface soil, about once in three months. If applied oftener, a smaller amount should be used.

Remedy for Ants.--When a bed of Geraniums or other plants are troubled with ants, take green tops of Tansy, cut up in bits, and scatter them over the soil. This will drive them away. The same remedy is used to keep ants from beehives. In the Editor's apiary the upper part of the hives, where the ants sometimes appear, is rubbed inside and outside with green Tansy foliage and the ants disappear.

CARE OF HARDY CHRYSANTHEMUMS.

AS A RULE Hardy Chrysanthemums should be obtained in the spring, set out in a rather sunny situation, where the ground is rich, deep and moist. Chrysanthemums like plenty of moisture while growing and blooming. To keep the soil moist, cultivate it well and never allow it to become hard or impervious to moisture, as it will soon dry out under such conditions. During the summer months mulch the ground well with stable litter. This will prevent rapid evaporation and keep the roots cool and moist. To promote bush plants, cut the tops back occasionally. This will also promote free blooming. If you wish large flowers, train the plants to a single stem, staking it and removing all the branches and buds except a single bud. This is about all the care that is required for Hardy Chrysanthemums. Many persons grow these varieties in a protected place, as the side of a wall or building, and in cool nights in autumn give them further protection, with a frame covered with paper or cloth, and by this means a beautiful display of Hardy Chrysanthemums can be had until the snow flies. The hardy varieties can be wintered in the open ground by placing a bucketful of coal ashes around each plant or mulching the bed heavily with ashes, then covering during the holidays with ground fodder or straw. Even the larger kinds grown in greenhouses can be thus treated, with satisfactory results.

Many persons are of the opinion that the large autumn Chrysanthemums grown in greenhouses must not be grown outside. This is a mistake, as the only thing necessary for outdoor culture is a little extra care.

Remedy for Rose Pests.--As an all round remedy for Rose pests, whether of an insect or fungus nature, a lime and sulphur solution can be successfully used. In the spring of the year the solution can be made strong and applied for scale or any insects that may be found lurking about the bark. Later in the season, when the foliage develops, the strength should be reduced to 1 part lime and sulphur to 15 parts water. This will prevent an attack of mildew, black spot, aphids, leaf hoppers, slugs, and thrips. The formula for making this solution will be found on page 44, April, 1912.

Red Spider.--What is known as Red Spider is a diminutive mite which is mostly greenish with brown or dark spots on it. It spins a little web and infests the underside of the leaves of Roses and other plants. A weak solution of lime and sulphur will be found beneficial, also an application of hot whale oil soap suds. When the leaves are badly infested, it is well to remove and burn them. Sponge off the stem to encourage development of new foliage.

THE IMPROVED COSMOS.

AS A LATE flowering plant perhaps there is not another annual that surpasses or even equals the improved varieties of *Cosmos bipinnatus*. The Mammoth sorts grow from six to eight feet high, branch freely, are of graceful form, are clothed with fine-cut foliage, and covered throughout autumn with an abundance of large, showy, white, rose and crimson flowers which sway with every zephyr, and afford a most pleasing effect.

The early-flowering *Cosmos* grows more dwarf, and is not so showy as the Mammoth varieties, but the plants come into bloom

and are recommended as early-flowering. They are worthy of a trial, and may become popular, if they sustain the description of the introducers.

The illustration on this page shows a group of *Cosmos* flowers in colors.



GROUP OF FLOWERS OF THE NEW MAMMOTH COSMOS.

earlier, and are thus more desirable for a northern climate. Sown where the plants are to bloom, however, the Mammoth varieties come into bloom earlier than when transplanted, and will generally bloom before frost appears. If plants in bud are lifted and given a protected place they will usually develop the flowers well, and make a fine appearance upon the porch or in a large window.

The Italian florists advertise *Cosmos præcox*, which they claim produces flowers superior to *Cosmos bipinnatus*. The Mammoth varieties of this *Cosmos*, it is stated, produce on strong stems flowers four inches or more in diameter,

bed, being careful not to cover the crown of the plant. Care should also be taken in setting the plants, that there may not be a cavity around the plant where the water will settle. It is better to set the plants too high than too low in the soil. Injury from late planting comes from the soil being open and porous, instead of compact, as it is in the beds that have not been disturbed. The porosity of the soil admits frost to the roots and rapid thawing almost ruins plants that have been entirely hardy. A covering of stable litter will exclude the root access of frosts or rapid thawing out and thus protect the plants from injury that would otherwise accrue.

BULBS FOR THE WINDOW IN WINTER.

THERE ARE few bulbs which will give as good results for the small amount of money expended on them as the Paper White Narcissus. I think it equals the Chinese Sacred Lily. They are easily grown in either earth or water and will bloom freely although given scarcely any care, and often have a couple of flower stalks or more to one bulb. The tall stalk with its lovely cluster of



PAPER WHITE NARCISSUS.

pure white, wax-like flowers is certainly a thing of beauty.

Hyacinths are very beautiful, but more expensive, but with their varied colors and delightful fragrance, they are well worth a trial, as they brighten a window as nothing else can. The Roman Hyacinths are very nice, and while smaller, they give several clusters to a bulb. I consider the white the best, but white flowers are my favorites.

Bulbs are so little trouble, requiring so little care to grow them, and most kinds are sure to bloom if directions for their treatment are followed. A few years ago I grew many of them and what a treat they were. Try a few this year if you never have before.

Tioga Co., N. Y., Oct. 5, 1912. Aunt Eda.

An Odd Experience.—In the spring I planted a packet of mixed seeds, and among other things, a queer looking sprout came up and remained stationary for about a week. I got tired of looking at it that way, so I dug it up, and lo and behold! it had come up upside-down. Its leaf was in the ground, still in the seed. I took a tooth-pick and carefully opened the seed and took out the leaf, then I replanted it with its feet down, and it began to grow. It is some kind of a vine with a pretty leaf and is now eighteen inches high. Orland, Calif. Mrs. A. E. Wilcox.

DOUBLE WHITE NARCISSUS.

AMONG the many varieties of Narcissus growing in my garden is one different from any I have ever seen. The flower is pure white, with the exception of a green tinge of color on the inner petals, and as double as a Rose. The petals, thick and heavy, are much larger than those of the old-fashioned double white Narcissus. The flower has blighted for some years, only a few would mature. Last fall I reset the bulbs, having read in Park's that the reason Narcissus buds blighted was because the bulbs were too deep in the ground. I set them in a row, and for my trouble they rewarded me with a blossom to every bulb, and I had many bulbs. I have quantities of both the single and double white Poet's Narcissus, but this variety is the most beautiful of all. Ima.

Geauga Co., O.

[Note.—The double white Narcissus described is probably *Narcissus albus plenus odoratus*, known as the Gardenia-scented Daffodil.—Ed.]

Lemon Lily.—The old-fashioned plant known as the Lemon Lily makes a very fine plant for forcing in the window. But to insure good success with it, it is best not to pot the plant as long as it can be left out of doors without freezing up solid, as it seems to need the cold weather and slight freezing for its resting time, so as to do its best in the window. After potting, place in the cellar or some cool place until after the Holidays, then gradually bring to the warmth and light, and do not forget to water plentifully, as all of the spring-blooming perennials that are used for window blooming, require more moisture than many other plants, as springtime is the moist time of Nature. Aunt Hope.

Waymart, Pa.

Michaelmas Daisies.—The equinoctial gales blew the tall, flower-laden stalks of my Michaelmas Daisies or hardy Asters over into the Asparagus bed, and when I found them lying there in full bloom, the combination was so striking that I did not lift them up, but stopped work then and there and picked a huge bouquet of the royal purple, fringed flowers, mixed with plenty of feathery green, which was a thing of beauty and an ornament for my table for many days.

Berryville, Ark. L. S. M.

Amaryllis Johnsonii.—I have an *Amaryllis Johnsonii* that bloomed twice this year; the first time in April, and then again this month, September. After it bloomed in April and completed its growth, I turned it on its side under the porch, but a little rain beat in on it and I noticed that it had started to grow again, so I set it out, and in about three weeks it had a large bud on it. This time it developed three blossoms. It did not bloom at all last year. Mrs. Blakeman. Osseo, Mich., Sept. 19, 1912.

ROSES AND CARNATIONS.

WHEN I was younger I cared very little for Roses, and thought them hard to cultivate. Many people say they can never raise Roses but I have found out differently. The first time I tried Roses, I planted only about eight cuttings. Every one grew and since then Roses have become my favorite flowers.

Last fall I planted about fifty cuttings; most of them in a cold frame and the rest under glass jars. All but a few rooted and grew and are now fine plants which have bloomed all summer. Some of them are at least two feet high. For a winter protection I place about six inches of leaves about the plants, with a little ground over the leaves to keep them from blowing away.

I have also had good success in raising Carnations from cuttings. Last year I had quite a number of sturdy plants which bloomed very well, the flowers being almost equal to any grown in a hothouse. But this year I have given my time to Roses rather than to Carnations. They are really among the most beautiful and fragrant of flowers and everyone should have at least a few Rose plants in his garden.

E. M. Schelosky.

Evansville, Ind., Oct. 15, 1912.

Commelina Sellowiana.—About the middle of June I planted a few seeds of *Commelina Sellowiana* in a pot and set it out on a shelf on the north side of the house. The little plants were soon up and growing, and now, Sept. 15th, the first little blue "butterfly" made its appearance and I shall enjoy them all fall. Since planting



they have had no attention except an occasional watering until the buds appeared, when I brought it in the house for fall blooming. This plant is not as well known as it should be.

Mrs. Lillie Adkinson.

Cloud Co., Kans., Sept. 15, 1912.

Chrysanthemums in Pots.—We have had *Chrysanthemums* to bloom all winter in pots. They were young plants started from slips. Last Christmas I had a vase of white *Chrysanthemums*. I picked the buds off of one plant when it got too cold to leave it outside any longer and then I stood it in a cool room and watered freely, bringing it to the warmth in time to bloom for the Christmas dinner table.

Mrs. Ida Milliman.

Wayne Co., Mich.

Calendula.—I have a *Calendula* which I set in the open ground, where it bloomed throughout the summer, and as it still looks thrifty with many small branches near the ground I shall cut it back and try it in the house like a *Geranium*, year after year, just as an experiment to see how long it will live. I have three seedling *Calendulas*, transplanted from the ground after the frost came. They are just coming into bloom.

H. L. G.

Flint, Mich., Oct. 19, 1912.

NASTURTIUMS.

AS EASILY as Dwarf *Nasturtiums* are grown, there would seem to be little excuse for a flowerless yard. From a half ounce of seed, we had a row across the flower garden, a tub, jar and small bed of them in the yard, and they were too thick. The soil in the tub and flower garden was very rich, and in the garden it was so rich I had to pull up several arm loads of plants in midsummer, to give the rest of them a chance to grow, and how they have bloomed. They are literally covered with bloom now, Septem-



NASTURTIUMS.

ber 24th, large flowers, and really more delicate colors than the earlier blossoms.

Now for a little experiment. The bed in the yard was poor, sandy soil, and from the same packet of seeds we planted some in this poor soil. Those poor little dwarfed plants! They really looked starved, and while they produced flowers they were very small, not more than half as large as the other plants produced. This same soil produces lovely *Rose Moss*, *Portulaca*, but don't fool yourself into thinking poor soil will produce fine *Nasturtiums*. The packet of seeds I planted were of the mixed variety.

E. C.

Hillsdale, Ind., Sept. 24, 1912.

Some Flower Beds.—One of the prettiest flower beds I ever had was a large round one with white *Candytuft* in the center, then dwarf blue *Ageratum*, and edged with *Sweet Alyssum*. It was much admired by those who saw it. I think in the planting of flowers one must never forget the color effect it will be later in the summer. Another beautiful bed I had this summer was a big round one with large yellow *Four O'clocks* in the center, and yellow foliage plants next, then differently colored ones, kept cut short for an edge. I must tell you of one more dainty flower bed I have—all pink and white. Pink *Geraniums* in the center, then pink *Lantanas* and dwarf *Rosy Morn Petunias*, with white *Ageratum* for an edge. Try growing your flowers so the colors harmonize, and enjoy the effect.

Edith S.

Plainview, Neb., Oct. 14, 1912.



FLORAL POETRY.

DECEMBER.

November's carnival is o'er,
When, rustling joyously,
The leaves their brightest colors wore
And whirled in wildest glee;
Then danced away so cheerily,
While Boreas piped merrily
His strophes full and free.

Now dark trees stretch their naked arms
And waft a mute farewell,
Bereft of all their glorious charms,
Where song-birds loved to dwell;
Now empty nests swing drearily,
While chilling winds moan eerily
And days of gloom foretell.

In cozy beds Earth's darling flowers
Now take their "beauty sleep,"
All heedless of the long dark hours
When storms above them sweep;
While leaden clouds hang tearfully,
And forest-folk peep fearfully
From coverts warm and deep.

The tumult of the brook is stilled
Neath crystal fetters cold,
Its music into silence chilled,
Its tale of summer told:
The somber Pines nod knowingly,
The Bitter-sweet bends glowingly
Above the woodland mold.

Sweet-briar's gems are scarlet now,
The Holly's rubies glow,
And high upon the leafless bough
Gleams pearly Mistletoe.
Then twine the gay wreaths cheerily,
While Christmas bells ring merrily
Across the glist'ning snow.
Bolivar, W. Va. Blanche A. Wheatley.

MY CABIN HOME.

Farewell, my cabin home, farewell!
I go 'mid other scenes to dwell;
But often in the coming years
I will remember thee, with tears.
My days in thee were not all dark;
The flowers, and the Meadow Lark
Have helped to cheer my homesick heart,
While living from the world apart.
And friends have been so kind to me
While I have lived and worked in thee;
Within my heart they'll hold a place,
Till I have run Life's fitful race.
Dear cabin home among the hills,
My heart with love for thee now thrills.
Ah! thou wilt never be forgot,
Though ev'ry board in thee should rot,
Though in thy roof should dwell the owl,
And round thy door the coyotes howl;
Jack rabbits, too, may fearless play,
While I am sleeping far away;
And often in my dreams I'll see
The Roses blooming wild and free,
Their sweetness wasting on the air,
With none to love, or for them care.
Unbidden tears, my eyes o'erflow;
But tears are useless—I must go.
My love for thee I cannot tell,
Dear cabin home, farewell! farewell!

Valentine. Nebr.

Mary Babb

NATURE.

Ah, who can do justice to Nature,
Fair, generous Nature, who fills
The air and the landscape with beauty
Of meadow and river and hills!
No words of my pen can do justice
To Nature so grand and sublime,
So awful sometimes in her aspects,
So tender and rich in her prime.

The hills have been themes of the poets—
Sweet dreamers—since man dwelt in caves;
The hills are the soul's inspiration,
The height whence we look o'er Life's waves.
The streams are the minstrels of Nature;
From these the first poet well learned
His lesson—the beat of his measure,
While heart of him eagerly yearned.

The fields with their crops and red harvest
Speak of the fruition of toil,
Completion, reward and contentment,
The bounties of life-quickened soil.
The mountains that tower like sentries,
Stern ramparts of Nature these—
The outposts of Nature's great army,
All clad with the evergreen trees.

The rose-colored clouds of the sunrise,
The colors of sunset and dusk—
What words can describe Nature's moments,
Whose charms are but life's outer husk!
Her aspects and forms ever changing,
Seem fleeting as toward some bright goal;
'Twas there in the light of the morning
Man first found in Nature his soul!

Baltimore, Md.

Will Thompson.

DISAPPOINTMENT.

How oft as on Life's way we tread,
With hopes for future bright,
A cloud comes drifting o'er our way,
Hiding, awhile, the light.
These shadows dark that cross our way,
Bringing us grief and pain;
These disappointments, one and all,
God sends for our true gain.

How hard to learn this lesson great—
We know not what is best;
How hard to trust His loving care
When we feel sore oppressed.
But, if we truly love our God,—
Rememb'ring, as we should—
To them, it was said, that "all things
Work together for good."

Ah, then, let each disappointment,
Though great, or only small,
Ever draw us closer to Him
Who loves and cares for all.
Then, if Life be full of shadows,
And our path be dark with dread,
Let us look beyond the storm clouds
To the Light that shines o'erhead.

La Park, Pa.

Florence E. LeFevre.

THE SEASON'S MESSAGE.

List to the voice of winter
And hear what he has to say.
What message does the cold wind bring,
And the dancing snowflakes gay?
Good-bye to the leaves and flowers,
And the dear, warm, sunny days,
Jack Frost is with us once again,
With his tricks and funny ways.
So gather around the fireside
With a spirit of good cheer.
Home-keeping hearts are happiest,
Although winter winds be drear.

Underhill Vt.

Violet E. Pone.

THE FLOWERS OF SPRING.

The flowers of spring are the sweetest
That the Father to man has given;
They bring to mind the beauty
We hope to enjoy in Heaven.

The Hyacinths and the Tulips,
These are the first to greet
The eyes and to feast the senses,
With fragrance so rare and sweet.

I went in the early morning
When the grass with dew was wet,
And clipped some floral darlings,
They were sweet till the sun had set.

I put some water in vases
And placed them in with care,
And sat me down by the window,
And enjoyed their sweetness rare.

And I thought if Luther Burbank
Would hybridize them so
That they would bloom all summer,
Wouldn't they be a show?

He's one of the great "World Makers,"
And accomplishes wonderful things,
Such as taking thorns from the Cactus,
So the cattle don't feel their stings.

But one thing more, Mr. Burbank,
We'd be SO glad to see,
If you'd take all the thorns from the Roses.
What a joy it would always be,

To every lover of Roses,
Who comes in the early morn,
To pluck the fragrant darlings,
And find them without the thorn.

Osborn, O. Mary C. S. Woodward.

LITTLE BOY BLUE.

The world is all sunshine for Little Boy Blue,
His laugh is a pæan of joy,
His eye just the deepest of Heaven's own hue
Gleams mischief so cunning and coy.
All day he is busy with duties well done,
With cart and with horse and with chair—
To hide Daddy's papers and glasses is fun,
And pull Mamma's sewing is fair.

—ut oh! how we cherish this Little Boy Blue,
Though mischief looms large in his eye;
His kisses are sweet and his love is so true,
His penitence pure as the sky.
He brings Daddy's slippers when evening draws
And then with his two chubby arms [near,
He gives Dad a hug that is better, more dear,
Than cargoes from land of the palms.

And oh! how we plan for this Little Boy Blue,
He may never be great or be wise,
But somehow we know he'll be good and be true
As we look in the dear azure eyes.
And Mother and Father are happy today
In a baby's love wondrously sure,
Protectingly guiding the feet on their way
To paths that are pleasant and pure.

Charles Henry Chesley.

Rockingham Co., N. H.

DECEMBER TWILIGHT.

The sunny day is ended
And purple shadows creep
From out the dusky mountains,
Touching our eyes with sleep.

A stillness hovers o'er us
Like a benediction sweet,
And just this hour is needed
To make the day complete.

Natural Bridge, Ala. Mrs. Sallie West.

DON'T SLAUGHTER THE SONG BIRDS.

Don't slaughter the song birds, friend of mine;
'Mid Appletree boughs their voices chime
In December's gloom or the glad springtime.
Don't slaughter the birds, my friend.

Don't kill the dear creatures, friend, I pray,
Listen to their sweet notes in the fields so gay,
Or in the woodland singing a roundelay.
Don't kill the dear creatures, friend.

When the meadows are carpeted in green,
And on every leaf falls the sun's bright sheen,
It needs the birds to complete the scene.
Oh, please do not harm them, friend.

When Nature has waked from her night's repose
And zephyrs are scented with Iris and Rose,
And the Tulip its golden glory shows,
Would you harm the birds, my friend?

Did you hear the Cuckoo call to his mate
As you spied two lovers lean over the gate,
Although the evening was getting late?
We need the birds, my friend.

Have you heard the notes of the Whip-poor-will
On a night in June, when the air was still?
Or some sweet song from the woodland rill?
Oh, spare the dear birds, my friend.

When the earth is covered with fragrant flowers,
And happy children make merry the hours,
How we'd miss the birds from the leafy bowers,
If slaughtered by you, my friend.
Waterloo, Wash. Becca Richey.

SINGING IN THE RAIN.

The day was dark, the clouds low lying
Wept steadily, drearily on;
I longed for night, for another morning
Perhaps might bring the sun.

Another day came, and no signs of clearing.
"So long," I murmured. "So long!"
When lo! through the rain I heard softly, sweetly,
A Mocking Bird's cheering song.

My life is dreary, the dark clouds hover,
And shut from my view the sun;
My heart is aching and throbbing in anguish,
And I would that the day were done.

When comes a thought, and how it startles:
May not I with my load of pain,
Send a cheering message to help another,
Like the bird singing in the rain?
Pasadena, Calif. Irma B. Matthews.

DECEMBER.

The twig has snapped, the leaves are fallen,
And autumn skies are cold and gray,
The clouds are distant, drifted snow peaks,
The winds sing dirges night and day.

Dry leaves are whirled across the meadows,
Bare orchards sigh in every breeze,
The gusts come stinging thro' the gulleys,
Wailing like spirits 'mong the trees.

But, sure as spring comes after winter,
When green things sway in sweet attune,
So must the bloom-time yield to harvest,
So must December follow June.

Herkimer Co., N. Y. Harriet.

WINTER.

O winter! beautiful winter!
Hast thou come with thy snow as of old,
To tell us the birds must revel in south lands,
And the sheep return to the fold?

Mrs. Anna Rogers.

BRIEF ANSWERS.

Flore Pleno.—The abbreviation fl. pl. is flore pleno, which means that the flowers are double. Plenissima is a similar term which is sometimes used, and means the same thing.

Datura.—*Datura violacea* has beautiful, large, fragrant flowers which develop well in a sunny situation. In a rich, moist soil and a shady place, the buds are liable to blast before they develop.

Planting Cinnamon Vine Tubers.—The best time to plant tubers of Cinnamon Vine is early in spring. The tuber will then enlarge, become well-established by autumn, and thus prove hardy.

Jacob's Ladder.—What is known as Jacob's Ladder is *Polemonium coeruleum*, a hardy herbaceous perennial. The roots are fibrous and the plants delight in a rather moist soil with partial shade.

Lice on Cinerarias.—To rid *Cineraria* plants of green lice, dust the foliage above and below with Pyrethrum powder or tobacco dust, and place chopped tobacco stems over the surface soil in the pot.

Non-blooming Paeonies.—A lady in Washington State has a Paeony which has not bloomed. She should give it a sunny bed of porous, sandy soil, stirring some lime into the surface, then mulching with stable litter on the approach of hot weather.

Arum.—*Arum Cornutum* is almost sure to bloom when the bulbs are of large size, and simply placed upon the window sill and allowed to develop from the large fleshy bulb. It is a curiosity to see the flower push out from the tuber without soil or water.

Seedling Bananas.—Bananas may be grown from seeds, which are sold under the name of *Musa sapientum*. They require about two months to germinate. The seeds are uneven in shape, nearly as large as a Chestnut, and covered with a hard shell.

Starting Ivy-leaved Geraniums.—Ivy-leaved Geraniums like the Zonale Geranium can be started at almost any season of the year. As a rule the best time to start them is in spring. The cuttings may be placed in sand and then potted when well rooted.

Keeping Flowers After They Are Cut.—It is said that a little salt put in the water used for vases of cut flowers will keep them fresh longer. It should be borne in mind also that to lift the flowers from the water, and cut a portion of the stem off, will be found beneficial.

Starting Gardenia and Hibiscus.—*Gardenia florida* known as Cape Jasmine, and *Hibiscus Sinensis*, Chinese Hibiscus, are both half-hardy shrubs, easily propagated from half-ripened wood. Insert the cuttings in sand in a shady place, leaving a single joint above the surface. Keep the sand moist until they start.

Wax Pink.—This is the common name for *Mesembrianthemum grandiflorum*. It is a good basket or pot plant with succulent foliage and will bloom in the window either in summer or winter, the flowers being from two to three inches across and of a waxy pink color. In form it is not unlike *Gerbera Jamesonii*. It is of easy culture.

Rubber Tree.—The Rubber Tree likes a rich, well-drained soil and a moderate supply of water while growing. When resting, water sparingly, and keep in a cool, rather shady place. When the plant becomes root-bound, it should be shifted into a larger pot. Clogged drainage or too much water will often cause the leaves to turn yellow and drop.

Impatiens Sultani.—This is known as Zanzibar Balsam. It is different from the Star of Bethlehem, which is a hardy bulbous plant blooming in the spring. The Zanzibar Balsam is a near relative of the Garden Balsam, sometimes called "Touch-me-not." It is a bushy, free and ever-blooming plant, desirable for either indoor or outdoor culture.

English Primrose.—The hardy English Primrose is easily grown from seeds, but the seeds are often tardy in germination, sometimes they will remain dormant for two years—at least a portion of the seeds. The plants like a rather shady situation, but delight in a porous, well-drained soil. In a damp or wet soil, with poor drainage, they are liable to die out.

Caladium Esculentum.—This is one of the few plants that will grow freely in a dense shade. It also delights in plenty of moisture at the roots. In autumn when the fruit trees drop their leaves, lift the tubers, dry them off, and store in a cool, frost-proof room, with a temperature of about 50°. If the bulbs are packed in dry sand or layers of cotton they will not be subject to sudden changes of the weather, and will keep perfectly.

Amaryllis.—*Aigberth Amaryllis* requires the same treatment as *Amaryllis Johnsonii*. The flowers, however, are very much larger and more beautiful. They will bloom in winter if a resting period is given them in summer. If preferred, the bulbs can be bedded out in summer and lifted and stored in the cellar during winter. The development of the flowers depends altogether upon the ripening of the bulbs. Some florists recommend keeping them out of the ground until the flower buds begin to push out.

Cyclamen.—Cyclamen plants are easily grown from seeds which require a month to start. The young plants should be kept growing continually until they bloom, being shifted into larger pots as they develop. After blooming in the winter the plants may be bedded out at the east side of a house or wall and allowed to take care of themselves. They will usually develop a healthy growth treated in this way, and in autumn can be repotted for winter blooming. Never lift the plants and dry them off as you do many other bulbous plants.

Starting Primroses.—The Hardy Primroses and *Auricula* are tardy in germinating. Seeds will often lie dormant in the ground for from one to two years before starting. *Primula Forbesi*, *Primula floribunda*, *Primula verticillata*, *Primula obconica* and *Primula Chinensis* or Chinese Primrose, will generally start in from three weeks to three months, though some will lie dormant for six months or more. If the soil is kept too wet, many of the seeds will fail to start, and too much heat or too much cold will often have the same effect. For this reason it is always well to make several sowings in order to be successful.

Begonia Leaves Dropping.—When *Begonia* leaves drop off in summer it is mostly due to lack of drainage or watering too freely. In autumn a chilly night or slight frost will often cause them to drop. A remedy is to grow the plants in a porous or well-drained soil, watering only enough to keep the plants in good condition. Water freely when you apply water, and then allow the soil to become almost dry before watering again. Leaf dropping due to extremes of heat or cold, can be avoided by regulating the temperature. As a rule, it should not be below 50 degrees at night, and sudden and severe changes should be avoided.

Mimulus.—*Mimulus* seeds are very small. In preparing the box or bed, sift the soil, making it very fine, then firm and press shallow rows in which to sow the seeds; barely covering the seeds with sifted soil. After this is done press the soil again and water from below, then place a pane of glass over the pot and keep in a shady place, giving enough of water in the saucer to keep the soil moist but not wet. In about ten days the plants will appear, when ventilation must be given. When the plants are large enough, they can be pricked out and put in another pot or flat so that they will not become crowded. Stir the soil freely about the plants so that they will not be attacked by fungus. They like a very sandy, porous soil and partial shade.

Achimenes.—*Achimenes* are bulbous plants, desirable for summer-blooming. They appear well in a basket or window box, and should be grown on the east side of the house, or where they will be shaded from the hot midday sun, and protected from the winds. The plants are very free-blooming, and the flowers are always attractive and beautiful. They thrive best in a light, porous soil, with good drainage, and it is better not to wet the foliage while watering, as the leaves are covered with hairs, and are sometimes injured by sprinkling, especially if the sun has access to the foliage afterwards. The bulbs should be started in spring, and the plants will bloom throughout the season. In autumn the box or basket can be allowed to dry off, then place in a cool, frost-proof room, the temperature being about 50 degrees, where they may stay until spring, when they can be taken out and repotted and started into growth by again moistening the soil.

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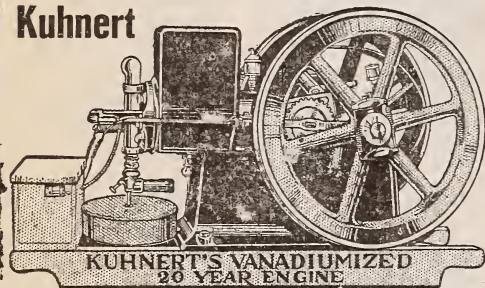
CORRESPONDENCE.

From Nebraska.—Dear Mr. Park: Your Magazine has been coming to us for twenty years, and it is very dearly loved. I have kept each number for six years and have them where I can turn to them when perplexed over flower troubles, though I have been very successful with flowers in an amateur way.

Your name in our home is as a household friend and we all talk over what we read in your Magazine.

Edith S.
Plainview, Neb., Oct. 14, 1912.

Kuhnert



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EDITORIAL NOTICES.

Specimens for Name.—The Editor cannot always promise to give the name of specimens sent him, as it often requires an hour or more of botanical analysis and consultation of authorities, time that cannot possibly be expended, as a rule. When specimens are sent, a nice plant, roots, leaves, stem, flowers, and seeds should be sent, if possible; if not, the flowers and foliage and description of the plant should be sent, also state whether it is a native or exotic plant. It is not often that the name of a plant can be determined from the leaves. It is always a pleasure for the Editor to supply the name of a plant when time will allow him to do so, but his numerous and arduous duties often delay the examination of specimens and prevent answering promptly. His many friends, therefore, who make inquiries of this kind, should not feel offended if they do not receive an answer as promptly as expected.

Heaven and Our Sainted Loved Ones.

—This is a meditation on death and immortality, and is so natural, so elemental and victorious that it touches the depths of the soul. We read the booklet in the waning afternoon as the train was shooting down the bank of the Hudson. We will never outgrow or forget the impression made, page after page, touched with pathos, but each narrative culminating in triumph too deep for tears. We are glad our brother wrote that booklet, and now that all the sales of the book are devoted to educating his son, we know the circulation will serve a two-fold purpose, blessing him that sells and him that buys. Even so. We wisely trust its circulation may be large. Price, 10 cents, silver. Address the author, Rev. E. W. Pfaffenberger, Boonville, Mo.—Rev. Dr. Spencer in Central Christian Advocate.

PICK THEM OUT

This month I will mail five plants, your selection from the following list, for 25 cents, 11 plants for 50 cents, or 23 plants for \$1.00. This is the last plant offer of the season. Do not order after January 4th, 1913.

GEO. W. PARK, La Park, Pa.

- | | | | |
|-------------------------------------|---------------------------|-----------------------------------|--|
| Abutilon, Anna Mesopotamicum | Coleus, Fire-brand | Geraniums, Jean Viaud | Oxalis, Golden Star |
| Thompsoni plena | Jno. Pfitzer, red | Marquis de Castellaine | Buttercup, golden |
| Royal Scarlet | Her Majesty | Duc de Montmort | Rosea |
| Golden Fleece | Mottled Beauty | John Doyle | Parrots Feather |
| Striata Splendida | Ruby | Anne Brown | Peristrophe angustifolium |
| Boule de Nieve | Sensation | Frances Perkins | Petunia, double |
| Acacia Lophantha | South Park Gem | Dbl. Gen. Grant | Poinsettia pulcherrima |
| Acalypha Macafeana | Butterfly | Madam Jaulin | Pilea Muscosa |
| Achania malvaviscus | Fire Glow | S. A. Nutt | Pittosporum Undulatum |
| Achyranthus, Gilsoni | Golden Bedder | Geraniums, Oak-leaved | Tobirae |
| Emersoni, carmine | Mrs. Hays | Geraniums, Ivy-leaved, in variety | Primula floribunda |
| Lindeni, red | Trailing Gem | Grevillea robusta | Rivina humilis |
| Ageratum, white | Surprise | Guava, common | Ruellia Formosa |
| Stella Gurney, blue | Verschaffelti, crimson | Cattleyana | Makoyana |
| Alonsoa myrtifolia | Crape Myrtle, Pink | Heliotrope, white | Russelia elegantissima |
| Amomum Cardamomum | Crassula cordata | Dark blue | Sausveira Zeylanica |
| Anthericum variegatum | Cuphea Platycentra | Heterocentron album | Santolina Tomentosa |
| Arum cornutum | Miniata, white, rose, red | Hibiscus, Sinensis | Selaginella Maritima |
| Asparagus Sprengeri | Cyclamen Emperor Wm. | Ivy, Irish or parlor | Senecio pesaites |
| Blampiedi | James Prize | Jasmine, Gracillinum | Smilax Boston |
| Robustus | Album, White | Grandiflorum | Myrtifolia |
| Decumbens | Universum | Revolutum | Solanum grandiflorum |
| Plumosus nanus | Mt. Blanc, White | Justicia sanguinea | Jerusalem cherry |
| Plumosus superbus | Violaceum | Kenilworth Ivy | Strobilanthes Anisophyllus |
| Acutifolius | Gigantea, mixed | Lantana | Dyerianus |
| Begonia, flowering | Cyperus alternifolius | Jaune d'Or | Surinam Cherry |
| Bougainvillea glabra | Daisy, Marguerite, white | Leo Dix | Swainsonia galegifolia, alba |
| Browallia speciosa, blue | Yellow | Hackett's Perfection | Tradescantia Zebrina, variegated, green and white |
| Bryophyllum calycinum | Eranthemum pulchellum | Favois, white | Multicolor, beautiful |
| Cactus, Opuntia variegata | Eucalyptus Marginata | Weeping | Verbena, Mammoth |
| Cereus, Queen of Night | Citriodora, fragrant | Toisen d'Or | Light pink; scarlet white eye; pink, lilac tinge and white eye; purple, white eye; white; rose, large white eye. |
| Calla, spotted-leaf | Gunnii | Aurora | Veronica Imperialis |
| Little Gem | Eupatorium riparium | Amiel | Vinca rosea, rose; white, red eye |
| Carica Papaya | Serrulatum | Craigii | Variegata |
| Carex Japonica | Euphorbia splendens | Francine | Violet, Princess of Wales, blue, fragrant |
| Carnation, Marguerite, mixed colors | Ferns, Amerpholii | Lopesia rosea | Water Hyacinths |
| Cestrum laurifolium | Whitmanii | Manettia bicolor | |
| Coleus, Fancy mixed | Scholzeli | Mexican Primrose | |
| Anna Pfitzer, yellow | Elegantissima | Mesembrianthemum | |
| Beck with Gem | Boston | Grandiflorum | |
| Carmine Glow | Ficus repens, climber | Muehlenbeckia repens | |
| Chicago Bedder | Fuchsia, Black Prince | Myrtus communis | |
| | Geraniums, double | Nasturtium, double yellow | |
| | Mme. Buchner | | |

QUESTIONS.

Gophers.—Gophers have eaten nearly all of my Tulip and Crocus bulbs since planting. How shall I get rid of them?—Mrs. G. Stitts, Oregon.

Freesias Non-blooming.—Do Freesias become non-blooming with age? I have some fine large bulbs that failed to bloom for two years.—Mrs. E. L. W., Indiana.

Cold Coffee.—I read the other day that cold coffee, mixed with plenty of warm water, was good to give Asparagus Ferns, once a week. Has anyone tried this, and with what result?—Mrs. M. K. Rensenhouse, Duluth, Minn.

Baby Rambler Rose.—When and how should the Baby Rambler Rose be pruned? What care does it require in winter?—Mrs. H. M., Muscoda, Wis.

Twentieth Century Cactus.—Will someone who knows tell me how soon a Twentieth Century Cactus will bloom? I have had one for ten years, but it shows no signs of blooming. Multnomah Co., Ore. Carl B. W.

QUESTION AND ANSWER.

White Worms.—Mr. Park: Please tell me some remedy for white worms which trouble the soil of my plants. I want a remedy that can be used without repotting the plants.

Mills Co., Iowa. Mrs. W. L. Dean.
Ans.—Allow the soil to become almost dry and stir into the surface a mixture of wood soot and quicklime, equal parts, then apply water slightly hotter than the hand will bear, until it flows freely from the drainage hole at the bottom of the pot. This will be found an effectual remedy when properly applied.

**New Beautiful Fern
"Fluffy Ruffles"**

Newest, daintiest and loveliest of the ostrich plumed type. Strong, vigorous, hardy—will grow and thrive in any home. Makes whole house cheerful.

4 Fancy Ferns 35c
Postpaid for

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All Nice Growing Plants. Will quickly grow in size and value. Send 35 cents today for these four fine ferns together with our complete catalog of desirable Seeds, Plants and Bulbs.
Iowa Seed Co., Dept. K, Des Moines, Ia.



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The berries measure 3/4 inches around one way, by 3/8 inches the other. Sweet even when green, rich-flavored, meaty, altogether delicious. Ripen from July until frost. Good looking and fine eating. Plants bear the first year; yield immense crops afterward; are absolutely hardy in 40 degrees below zero, because Macatawa

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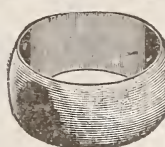
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5899, Ladies' Waist Apron. Cut in sizes 32, 36, 40 and 44 inches bust measure. Medium size requires without center front seam $5\frac{1}{4}$ yards of 36 inch material and $\frac{1}{2}$ yard of banding. Price, with Magazine one year, 15 cents.

5945, Girls' Dress. Cut in sizes 6 to 12 years. Medium size requires $3\frac{3}{4}$ yards of 36 inch material for the dress, and $\frac{1}{2}$ yard of 36 inch material for the underwaist. Price, with Magazine one year, 15 cents.

5870, Girls' Sailor Dress. Cut in sizes 2 to 12 years. Medium size requires for the dress 4 yards of 36 inch material and 5-8

yard of contrasting material, and for the underwaist $\frac{1}{2}$ yard of 36 inch fabric. Price, with Magazine one year, 15 cents.

5952, Ladies' Waist. Cut in sizes 32 to 42 inches bust measure. Medium size requires $2\frac{3}{4}$ yards of 36 inch material, Price, with Magazine one year, 15 cents.

5944, Ladies' Dress. Cut in sizes 32 to 40 inches waist measure. Medium size requires 5-7-8 yards of 36 inch material with 2 yards of insertion. Price, with Magazine one year, 15 cents.

5954, Ladies' Two Piece Skirt. Cut in sizes 22 to 30 inches waist measure. Medium size requires 3-5-8 yards of 36 inch material. Price, with Magazine one year, 15 cents.

FASHION AND PATTERN DEPARTMENT

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As it is impossible for us to show each month in our Fashion Pages all the practical styles for Ladies, Misses and Children's clothes, we have had published a book on dressmaking called **Every Woman Her Own Dressmaker**, which tells how to make all kinds of garments from a corset cover to a full costume. The regular published price of this book is 25c. It is printed in colors and illustrates over 200 of the best styles. Sent postage prepaid with Park's Floral Magazine one year for 15 cents. Every woman who sews should order a copy of this excellent Fashion Book. Address all orders to Pattern Department, Park's Floral Magazine, La Park, Pa.



5822.



5908.



5906



5932



5858



5906, Misses' and Small Women's Dress. Cut in sizes 14, 16 and 18 years. Medium size requires 5½ yards of 27 inch goods with 2¼ yards of braid. Price, with Magazine one year, 15c.

5822, Girls' Dress. Cut in sizes 6 to 12 years. Medium size requires 3 yards of 44 inch material with 5-8 yard of 27 inch contrasting goods. Price, with Magazine one year, 15 cents.

5858, Ladies' Dress. Cut in sizes 32 to 42 inches bust measure. Medium size requires 4¼ yards of 36 inch material with 1¼ yards of 27 inch contrasting goods. If made of one material

the dress requires 5¼ yards of 36 inch material. Price, with Magazine one year, 15 cents.

5932, Ladies' Dress. Cut in sizes 32 to 42 inches bust measure. Medium size requires 5 7-8 yards of 36 inch material, 5-8 yard of 22 inch all over and 3-8 yard of 24 inch satin. Price, with Magazine one year, 15 cents.

5908, Girls' Dress. Cut in sizes 6 to 12 years. Medium size requires 3¼ yards of 36 inch material and 7-8 yard of 24 inch contrasting goods. Price, with Magazine one year, 15 cents.

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How to reduce it We will tell you an easy, simple way. It reduced Miss Anna Crayten's weight 12 lbs. in 10 days. Information sent free in a plain, sealed package to any address. Hall C. Co 1421 Olive St. Dept. B-44 St. Louis, Mo

25 cts. a week Buys this **High Grade Drop Head Sew Easy Sewing Machine**. Guaranteed 25 years. Shipped direct from factory. We save you money. You use machine while paying for it. It has all the latest improvements. Write us to day. Sheffield Mfg. Co., 1421 Olive St., Dept. 265 St. Louis, Mo



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QUESTION AND ANSWER.

An Aster Enemy.—Mr. Editor: What ailed my Asters? They all turned brown and died. I cannot find a bug or pest of any kind. It seems a blight had started at the base and went upward, affecting the whole plant. Some were blooming beautifully and just withered, turned brown and died. Please give a remedy.

Utah Co., Utah. Mrs. Archie W. Clyde.
Ans.—The trouble complained of is, doubtless, due to root lice, which work upon the roots beneath the soil, sucking the substance from the roots and impoverishing the plants until they die. Perhaps the best remedy is hot Tobacco tea or hot Quassia chips tea. The material should be hotter than the hand will bear, and to apply it excavate a place around each plant to hold the liquid until it soaks into the soil. If the Aster bed is covered with chopped Tobacco stems early in the season, root lice will not become troublesome and the soil will be enriched by the fertilizing elements of the Tobacco

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WONDERFUL BARGAINS IN POUND BOXES of beautiful Large Silk Remnants for fancy work, quilts, portieres, pillows, etc. One pound will make a grand bedspread. Send **10 CENTS** for a big package of lovely silk, and samples of our splendid Velvet, Gingham, and Mill Remnants. Also instructions for making Silk Portieres. Your money back if not delighted. If you **AGENTS WANTED.** are not eating

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The above ailments are mainly caused by the clogging of the intestinal tract with mucoid and catarrhal accretions, backing up poisonous fluids into the stomach, and otherwise deranging the digestive system. I want every sufferer of any of these diseases to test this wonderful treatment. You are not asked to take this treatment for a week or two before you will feel its great benefits—only one dose is usually required. I say emphatically it is a positive, permanent remedy and I will prove it to you if you will allow me to. I will send the complete \$1.00 treatment to sufferers absolutely Free so you can try it in your own home at my expense.

The most eminent specialists declare that a big per cent of the people who suffer from Stomach Trouble are suffering from Gall Stones. I firmly believe that this remedy is the only one in the world that will cure this disease. Sufferers of Stomach and Liver troubles and Gall Stones should not hesitate a moment, but send for this Free treatment at once. I would be pleased to send you the names of people who state they have been cured of various Stomach ailments and speaking the highest praise of this medicine. Just fill out the Coupon below—let me send you this wonderful treatment together with highly interesting literature, testimonials, etc. Don't suffer with agonizing pains—don't permit a dangerous surgical operation, which gives only temporary relief, when this medicine will permanently help you.

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VERA.

My little granddaughter, Vera,
Has a mouth like the sweetest Rose,
And eyes like the bluest Violets
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A smile like a golden sunbeam,
A forehead as white as snow,
As fair as e'er graced a castle
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3 DAYS' CONQUEROR**

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I averaged drinking about 20 glasses of whiskey daily, also considerable beer, gin and ale. I lost all desire.

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While drifting from bad to worse, as all slaves of King Alcohol do, I unexpectedly found a true cure. It was (and is) genuine. It saved my life. My health was quickly restored. I became and am a respectable man, enjoying every benefit of freedom from the accursed alcohol. I speedily and naturally lost all desire for drink. I took less and less. I began to prefer tea, coffee and other non-alcoholic liquids; the craving for liquor ceased. I could sleep perfectly, my stomach became well and I recovered from other ailments which I now know were due to my indulgence in strong drink. I was cured in only three days. By fortunate circumstances I learned the True Method for overcoming liquor habit with or without the drinker's knowledge. My remedy is indorsed by physicians and in legions of testimonials. I will send you ample proof.

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My treatment is speedy, safe, convenient, can be taken at home or while attending to business. I tell about the secret in my book, which I send FREE to every person (or relative or friend) who takes alcohol in any form to excess. My one purpose in life is to save the drunkard; each victim has my sympathy. My remedy is for either steady or periodical drinkers. Think of it—a complete and lasting Home Treatment between Friday night and Monday night—or any other 72 hours! DELAYS ARE DANGEROUS—even if the drinker seems to be able to control himself, you can never tell when he will meet with accident or be stricken with delirium tremens, epilepsy, prostration, heart failure, pneumonia, softening of brain or other serious ailment. \$10,000 Reward. Guarantee given.

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QUESTIONS AND ANSWERS.

Insect Pests.—My house plants and Morning Glories are troubled with something that eats the leaves and prevents blooming. How shall I get rid of the pests?—Mrs. S. W. Lyon.

Ans.—Many of the leaf-eating pests can be eradicated by syringing with Arsenate of Lead, using in proportion one ounce of poison to five gallons of water.

Fern Seeds.—Mr. Park: I send you a frond of my Fern and wish you would tell me if there are seeds on it or some kind of an insect.—Mrs. E. R. Edes, Wis.

Ans.—The Fern frond is bearing spores or seeds from which new plants can be raised. Spores appearing as brown spots on the fronds of Ferns come naturally and are not caused by insects.

Lice on House Plants.—Mr. Park: How shall I get rid of small green lice which pester my house plants? I have tried everything, but of no avail.—R. M. B., Illinois.

Ans.—Immerse the plant quickly in hot water two or three times at intervals of three or four days, and the pest will disappear; or spray with hot tobacco tea or soap suds

A Fragrant Shrub.—Mr. Park: When living in Chester County we had a shrub which grew from three to four feet high, and produced brown, Rose-like fragrant flowers in spring. Can you tell me what it was and whether it would be hardy in Nebraska. I. L. Woodward.

Keith Co., Neb., Oct. 26, 1912.

Ans.—The shrub was, doubtless, *Calycanthus floridus*, a native of Pennsylvania and southward. It will doubtless prove hardy in Nebraska as it is perfectly hardy in Pennsylvania.



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Glad., Tuberoses and Cactus for house pl'ts, hardy Roses, Rhu. pl'ts, etc. Mrs. H. M. Hale, Weldona, Colo. Glant Spider Lillies for named Dahlias and named Cannas. Write . Georgina S. Townsend, Azusa, Calif.

Hardy Chrysanthemums for choice hardy seeds and flowers. Miss Lizzie Eastman, Ansted, W. Va.

Asparagus Sprengeri and Lily bulbs for hardy wh. Lillies. Write. Mrs. R. A. McKellup, Vanceburg, Ky.

Daffodils and Narcissus for named Ger. and Per. Phlox plants. Mrs. Samuel Lancaster, Pauline, S. C.

Everblooming Calla bulbs for Amaryllis or Gladiolus. Mrs. H. E. Smith, R. 2, Nashua, N. H.

Hardy plants and others for plant of Mimulus mos. Mrs. Arthur Markley, 324 Middlebury St., Elkhart, Ind.

Aspar. Spreng. Cyclamen & Ama. John. for Jasm' e Auratum or other Am. Mrs. B. Sprunger, Berne, Ind.

Extra fine Strawberry plants for perennial plants, shrubs and bulbs. Box 312, Wakeeey, Kan.

Seeds of white Sw. Rocket and Colum., all colors for Althea. Mrs. H. McMahan, Middlefield, Ohio.

Plants of Jasmine, Begonia Metallica for other Begonias or plants. Write, Mrs. Q. V. Jarbol, Pearson, Md.

Snowdrops and seeds of white and purple Lillies for Dahlia, Iris and Callas, Kath. Howell, White Rose, Ky.

Dahllas and Glad., also Cactus cuttings, for variegated plants or tender bulbs. Goldie Bugle, Dorcas, O.

Cactus Dahlia seeds, Wh. Calla bulbs and Ch. Sac. Lily for Single Nar, or white Freesias or Mex. Scarlet Lily. Do not write. Mrs. H. H. Peterson, Guadala, Calif.

Red Calla Gladiolus for native Phlox Tritoma, Howard Whitney, Southington, Conn.

Seeds of various kinds for Ferns and Begonias. Miss Emie Witherspoon, Box 7, R. 1, Pinewood, S. C.

Mignonette, Zinnia, Marigold and Cosmos seed for Cac., Hya. and Ferns. Frances Kadlec, Chatfield, Minn.

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Plumes are just like the cut and fuller only
\$5.95

This is a genuine guaranteed hand-tied natural black Ostrich Willow Plume, measures 23 in. long and 23 in. wide. Send P. O. or express money order for full amount and we will prepare express charges. We guarantee Plumes as represented. Or if desired we will send C. O. D., with privilege of examination, on receipt of \$1.00 to show good faith.



Reference, 2nd National Bank, Pittsburg.
Write today for our free illustrated catalogue. Address
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The Wholesale House That Sells at Retail,
968 Penn. Ave. PITTSBURG, PA.

SONG POEMS WANTED

WE PAY 50 per cent. Thousands of dollars in successful songs. Send US your Poems, Songs or Melodies TODAY. Acceptance guaranteed if available. **LARGEST CONCERN IN THE COUNTRY.** Washington only place to secure copyright. Booklet **FREE. DUGDALE CO., Dept. 161, Washington, D. C.**

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Your choice of 150 premiums for selling our Keystone GOLD EYE NEEDLES at 5c a package. With every two packages we give absolutely FREE a Silver Aluminum Thimble.
WE TRUST YOU
and send, postpaid, 24 needle packages and 12 thimbles with **LARGE PREMIUM BOOK.** When sold send us the \$1.20 and receive premium entitled to select, from premium list. Extra present Free if ordered today. A post card will do. Address
Keystone Novelty Co.
Box 167, Greenville, Pa.

Eyes Cured



Grateful Patients Tell of Almost Miraculous Cures of Cataracts, Granulated Lids, Wild Hairs, Ulcers, Weak, Watery Eyes and all Eye Diseases—many have thrown away their glasses after using this magic remedy one week. Send your name and address with full description of your trouble to the H. T. Schlegel Co., 5972 Home Bank Building, Peoria, Ill., or fill out the coupon below, and you will receive by return mail, prepaid, a trial bottle of this magic remedy that has restored many almost blind to sight.

Free Bottle Coupon
This coupon is good for one trial bottle of Schlegel's Magic Eye Remedy, sent to you prepaid, with testimonials from thousands of cured patients. Simply fill in your name and address on dotted lines below and mail to the H. T. Schlegel Co., 6972 Home Bank Building, Peoria, Ill.

Name

Street

City.....State.....

ASTHMA CURED Before You Pay
 I will send any sufferer a full size bottle of LANE'S CURE on FREE TRIAL. If it cures, send me \$1.00. If it does not, don't send me a cent. Give express office. Address D. J. LANE, 203 Lane Building, St Marys, Kansas.



PARKER'S HAIR BALSAM
 Cleanses and beautifies the hair. Promotes a luxuriant growth. Never Fails to Restore Gray Hair to its Youthful Color. Prevents hair falling. 50c. and \$1.00 at Druggists.

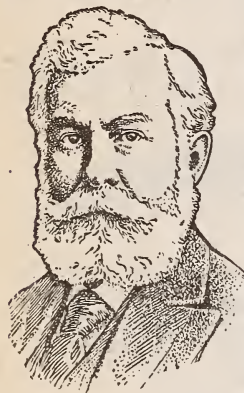
RHEUMATISM

Let Me Send You My New External Invention That is Relieving Thousands

TO TRY FREE

Send No Money--Just Coupon

Don't derange your system with drugs when I promise you quick relief with my simple **Magic Foot Drafts**, so certain



Fred'k Dyer, Cor. Sec.

in their action that I send them **TO TRY FREE**. Sign and mail my coupon today. Return post will bring you a regular Dollar pair of **Magic Foot Drafts**, the great Michigan Remedy for every kind of Rheumatism—chronic or acute, muscular, inflammatory, sciatic, lumbago, gout, etc., no matter where the pain or how severe. When you get them and try them, then if you are fully satisfied with the benefit received, you can send me One Dollar. If not, keep your money. **I take your word.**

You can see that I could

not make such an offer if my Drafts didn't give quick and lasting results.

If you could see the thousands of letters I get saying my Drafts have cured after everything else failed—cured even after 30 and 40 years of suffering, as well as all the milder stages of this cruel disease, you would not question my strongest claims. You would send at once to get the same relief and comfort so many others got. Remember, the risk of loss is all mine—you pay only when satisfied. Can anybody make a really fairer offer? Don't delay, but send my coupon at once—now.



—This \$1 Coupon FREE—

Good for a regular \$1.00 pair of Magic Foot Drafts to be sent Free to try (as explained above) to

Name.....

Address.....

Mail this coupon to Magic Foot Draft Company, 1291 Oliver Building, Jackson, Mich.

Near-Brussels Art-Rugs, \$3.50

• Sent to your home by express prepaid

Sizes and Prices	
9 x 6 ft.	\$3.50
9 x 7½ ft.	4.00
9 x 9 ft.	4.50
9 x 10½ ft.	5.00
9 x 12 ft.	5.50
9 x 15 ft.	6.50

Beautiful and attractive patterns. Made in all colors. Easily kept clean and warranted to wear. Woven in one piece. Both sides can be used. Sold direct at one profit. Money refunded if not satisfactory.



New Catalogue showing goods in actual colors, sent free. **ORIENTAL IMPORTING CO., 973 Bourse Bldg., Phila.**

Paint Without Oil

Remarkable Discovery That Cuts Down the Cost of Paint Seventy-Five Per Cent.

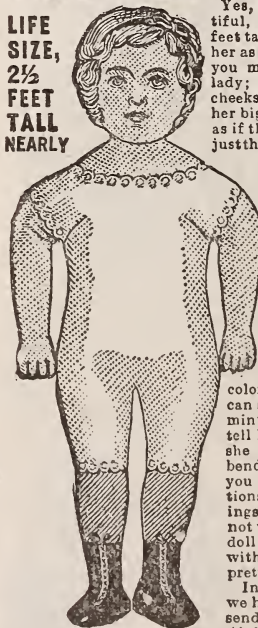
A Free Trial Package is Mailed to Everyone Who Writes.

A. L. Rice, a prominent manufacturer of Adams, N. Y., has discovered a process of making a new kind of paint without the use of oil. He calls it **Powdrpaint**. It comes in the form of a dry powder and all that is required is cold water to make a paint weather proof, fire proof and as durable as oil paint. It adheres to any surface, wood, stone or brick, spreads and looks like oil paint and costs about one-fourth as much.

Write to Mr. A. L. Rice, Manufr., 6 North St., Adams, N. Y., and he will send you a free trial package, also color card and full information showing you how you can save a good many dollars. Write today.

YOUR OWN BIG DOLL

LIFE SIZE, 2½ FEET TALL NEARLY



Yes, we want to send you this beautiful, golden-haired doll. Nearly 2½ feet tall, and she will make you love her as soon as you see her. Let us tell you more about this charming little lady; she can not be broken, has cheeks like two pink roses and with her big brown eyes, and lips that look as if they wanted to be kissed, she is just the sweetest doll that you ever saw.

She is so big and fat that you will have to put her to bed in your own crib and dress her in your own out-grown clothes or some of the baby's. With a real child's dress on, and a red bow that can't get lost or come untied in her bright curls, you will have a baby that all your little friends will admire, and you will love her better than all your other dolls because she is a kind that won't break, lose her eyes or snarl her hair.

This doll is stamped in beautiful colors, on strong cloth and mamma can sew her up on the machine in ten minutes. The printed directions will tell her how to make Miss Dolly; and she can be made so that you can bend her arms and legs and allow you to place her in all kinds of positions. She has on bright red stockings and black laced shoes that will not wear out. She is the kind of a doll that your grandma used to play with, only the doll of her day had no pretty face like a little live girl.

In addition to this great big dolly, we have a present that we want to send you free. We have a lot of beautiful rings, some are signets and some

are rings set with imitation diamonds, rubies, etc., and we are going to give one to you.

Send us 25 cents for the big doll, and enclose a strip of paper the size of your finger and we will send you the doll and pick out one of the prettiest rings we can find and send them both to you, postage prepaid, the same day that we get your order. The price of the doll is 25c and we give you the ring.



THE G. H. RANSLOW CO., Dept. Q, Portland, Me.

MOTHER AND I.

I love to think of the long ago,
 When safe on my mother's knee,
 I sat while my hands went pat-a-pat,
 And a kiss was given to me,
 There's many, ah! many a thing she did,
 That comfort might be my lot,
 And many a weary night she spent
 And she her rest forgot.
 That dear old mother is sleeping now,
 Her form's beneath the sod;
 But her spirit is in Heaven, I know,
 And with the saints of God.

St. Louis, Mo. Albert E. Vassar.

CHILDREN'S CORNER.

Dear Mr. Park:—I am a country girl 14 years old and love flowers and music. Mamma takes your Magazine, and I do like to read it.

A West Virginia Girl.

Dear Mr. Park:—I have a Canary singer I call Hans, and a black dog I call Nig. I like to read your Magazine, and I enclose 10 cents for a year's subscription. I would like to exchange scenery cards with other children.

Ella Deitz.

West Liberty, Iowa, Sept. 18, 1912.

This Beautiful 20 Year Watch \$3.75

Elegantly engraved THIN MODEL, GOLD FINISHED double Hunting case, Jewel American lever movement, atom wind and stem set. 20 year guarantee sent with each watch. Long gold finished chain for Ladies, fob or vest chain for Gent. Free.

\$3.75



20 Year Guarantee MODEL EXAMINATION FREE. Let us send it C.O.D. to your express office, after you examine it, if you think it is a bargain and equal to any \$15.00 watch, pay the express agent our Special price \$3.75. Mention Ladies', Men's or Boys' size. HUNTER WATCH CO., DEPT. 1263, CHICAGO, ILL.



Beacon Burner FREE

FITS YOUR OLD LAMP.

100 Candle Power Incandescent pure white light from (kerosene) coal oil. Beats either gas or electricity. COSTS ONLY 1 CENT FOR 6 HOURS We want one person in each locality to whom we can refer new customers. Take advantage of our Special Offer to secure a Beacon Burner FREE. Write today. AGENTS WANTED.

HOME SUPPLY CO., 30 Home Bldg., Kansas City, Mo



Deaf from Childhood, Now Hears Clock.

Fancy the joy of Mrs. Myra Wright, who, having been deaf since childhood, found the means of banishing her deafness so effectually that she found she could hear her clock across a large room when such a thing has been utterly impossible before. Now she is delighted to tell the good news to all who are troubled with deafness and head noises. No drugging was necessary, neither was Mrs. Wright subjected to an operation; in fact, she treated herself by a simple, gentle, drugless method which

anybody, who needs it, can easily learn about by writing to Dr. Geo. E. Coutant, 23 G, Station E, New York City, who will send, free of charge, his book which tells how to overcome difficulty in hearing, ringing noises in head, etc., also a great amount of evidence much of which is even stronger than the case here mentioned. Mrs. Wright could have saved much money and aggravation and might have been relieved years ago if she had only heard of this method sooner.

ASTHMA

REMEDY sent to you on Free Trial. If it cures, send \$1.00; if not, it's FREE. Give express office. Write for your bottle today. W. K. Sterline, 881 Ohio Ave., Sidney, Ohio

WANT HAIR GROWTH?
\$1. Box Free To You.



Let us prove to you that Koskott Method for the hair is a genuine, scientific one. We will send you a **DOLLAR BOX** out of the Koskott Triplex Treatment **FREE**. Our Method is directed at removing the cause of baldness, dandruff, falling hair and grayness, and opening the closed follicles so that the hair roots which are no dead, EITHER dormant, (like a tulip bulb, or grass seed in a bottle) are given fertility and a chance to grow. Ours is the **FREE** Method that is purposed to **MAKE** **FREE** **GOOD**, and clear scalp of dandruff, stop falling hair and to promote growth of new hair. We especially want you to answer this adv. if you have wasted time and money in liquids, washes, soaps, etc., which accomplished nothing. Read our **GUARANTEE**. We want to surprise and delight you. Send only 10 cents, silver or stamps, to help cover adv. cost and we will mail a **\$1.00 Box absolutely free**, with interesting book, postpaid, plain wrapper. Address: **KOSKOTT LABORATORY, 1269 Broadway, 360 N., New York, N.Y.**

ITCH-ECZEMA FREE TRIAL

Also called Tetter, Salt Rheum, Pruritus, Milk-Crust, Weeping Skin, etc.

ECZEMA CAN BE CURED TO STAY, and When I say cured, I mean just what I say—C-U-R-E-D, and not merely patched up for awhile, to return worse than before. Now, I do not care what all you have used, nor how many doctors have told you that you could not be cured—all I ask is just a chance to show you I know what I am talking about. If you will write me **TODAY**, I will send you a **FREE TRIAL** of my mild, soothing, guaranteed treatment that will convince you more in a day than I or anyone else could in a month's time. If you are disgusted and discouraged, I dare you to give me a chance to prove my claims. By writing me today you will enjoy more real comfort than you had ever thought this world holds for you. Just try it and you will see I am telling you the truth.

Dr. J. E. Cannaday,
2145 Park Square, Sedalia, Mo.

References: Third National Bank, Sedalia, Mo.
Could you do a better act than to send this notice to some poor sufferer of Eczema?

POST CARDS EXCHANGED.

Under this head I have inserted the names and addresses of persons who propose card exchanges, but many have complained that these do not respond. A letter before me has a complaint of Mrs. Stephens, of Rhode Island, stating that she answered eight, sending 24 cards, and that only one responded. If others have met with the same treatment the postal exchange column will be excluded. It is manifestly unfair and dishonest to propose an exchange and not respond to those who answer it.—Editor.

Miss Edna Fairbanks, R. 1, Dawson, Neb.
Mabel Woodside, R. 1, Hampden Highland, Maine.
Myrta Caudell, Rockdell, Va.
Miss Annie Brust, R. 1, Valparaiso, Ind.
Ada Faries, Oakland City, Ind.

MAGAZINE APPRECIATED.

Mr. Park:—I have taken your Magazine for 16 years and I think I could not raise my flowers without it. I am a great lover of flowers and am willing to go without other things in order to have them.
Mrs. L. J.

Millard Co., Utah, Oct. 2, 1912.

Mr. Park:—I certainly enjoy your little Magazine and find a great deal of instruction in it; could hardly get along without it.

Davidson Co., Tenn. Mrs. W. L. Robertson.

Dear Mr. Park:—Your Magazine grows in interest each month. The cheaper the price the greater the value. I find interesting articles from front to finish, and would not be without it for many times the price.
Mrs. L. T. Gage,
Topeka, Kan., Oct. 28, 1912.

BROOKS' NEW CURE

Brooks' Appliance. New discovery. Wonderful. No obnoxious springs or pads. Automatic Air Cushions. Binds and draws the broken parts together as you would a broken limb. No salves. No lymphol. No lies. Durable, cheap. Pat. Sept. 10, '01. **SENT ON TRIAL. CATALOGUE FREE.**



C. E. BROOKS, 86 B State Street, Marshall, Michigan

I Doctored 9 Years for RHEUMATISM

It would leave me for awhile, then return as effects of medicine wore off, which was discouraging for one who tried so hard. In 1910 I was given a prescription which I had filled once by the druggist for around a dollar. Since then I have not had one touch of rheumatism. It is the only remedy I ever heard of that would positively rid the trouble. I will mail the prescription for \$2.00 and refund in 60 days if dissatisfied, or you can deposit \$5.00 in your bank payable to me in 60 days if satisfied. See your banker about this. You see, I don't want your money unless you are satisfied, and am therefore protecting your investment.

Mrs. M. C. Colly, 117 So. Dearborn St., Chicago



TOBACCO HABIT CONQUERED IN 3 DAYS

I offer a genuine, guaranteed remedy for tobacco or snuff habit, in 72 hours. It is mild, pleasant, strengthening. Overcomes that peculiar nervousness and craving for cigarettes, cigars, pipe, chewing tobacco or snuff. One man in 10 can use tobacco without apparent injury; to the other 9 it is poisonous & seriously injurious to health in several ways, causing such disorders as nervous dyspepsia, sleeplessness, gas, belching, gnawing, or other uncomfortable sensation in stomach; constipation, headache, weak eyes, loss of vigor, red spots on skin, throat irritation, asthma, bronchitis, heart failure, lung trouble, catarrh, melan- choly, neurasthenia, impotency, loss of memory and will power, impure (poisoned) blood, rheumatism, lumbago, sciatica, neuritis, heartburn, torpid liver, loss of appetite, bad teeth, foul breath, enervation, lassitude, lack of ambition, falling out of hair, baldness, and many other disorders. It is unsafe and torturing to attempt to cure yourself of tobacco or snuff habit by sudden stopping—don't do it. The correct method is to eliminate the nicotine poison from the system, strengthen the weakened, irritated membranes and nerves and generally overcome the craving. You can quit tobacco and enjoy yourself a thousand times better while feeling always in robust health. My **SECRET FREE** FREE book tells all about the wonderful 3 Days Method. Inexpensive, reliable. Also Secret Method for conquering habit in another without his knowledge. Full particulars including my book on Tobacco and Snuff Habit mailed in plain wrapper, free. Don't delay. Keep this; show to others. This adv. may not appear again. Mention if you smoke or chew.

Address: **EDWARD J. WOODS, 534 Sixth Ave., 360 N. New York, N. Y.**

**STOP
RUINING
YOUR
LIFE**

CORRESPONDENCE.

From Tennessee.—Dear Mr. Park:—I am a single man 38 years old and have taken your Magazine for several years and enjoy it very much. I have a nice lot of flowers and find much pleasure in their culture. My favorite flowers are Roses. This is a fine country to live in. We raise almost everything here, cotton, corn, wheat, oats, potatoes, apples, peaches, plums, and all kinds of fruits. We have good schools and good churches. There is plenty of timber here, and land is cheap, from \$10 to \$25 per acre. I am nine miles from the county seat, with one railroad, and one soon to be built. I will give further information to any who may write.

L. W. Sellers.

Lexington, Tenn., R. 5, B. 23, Sept. 14, 1912.

From Utah.—Dear Mr. Park:—I greatly enjoy looking over your Magazine from month to month, and find much of use to me in it; but I have not a great deal of time for writing, as real estate, the care of my garden, two cows, and a bunch of chickens, a few rabbits and some pigeons occupy my time pretty well.

I raised this year on one part of my garden, Spinach, Lettuce and Radishes, Corn and Squash, and Peas and Beans. Intensive farming, eh? The Spinach was the first crop, followed by Lettuce, Peas and Radishes, then by Corn, Squash and Beans. I got enough of each for a family of seven, and had some left over for the chickens and rabbits.

I also raised seven bushels of potatoes from eight forty-foot rows. I have only a small garden, 50 by 125 feet, and get all the vegetables we need except a very few that I believe I can buy to better advantage than I can raise.

With these and my cows, chickens, pigeons and rabbits, and a few fruit trees on the place, we get a pretty good living at a much lower price than it would cost me to buy everything, besides the fun of raising the stuff.

Salt Lake City, Utah. A. V. Thomson.

From California.—Mr. Park: My success with seeds this season has not been what I expected, but it was my own fault. Because I live in California, I thought I could sow seeds at any time, but I found to my sorrow that I could not. I planted February 1st, which was too early for a great many of the seeds, as we had a long, cold rainy spell. Those I planted in boxes came out fine, but those sown outside were almost a failure. The plants of Parlor Ivy that I got last month are all doing well. I enjoy your Magazine and feel that I cannot raise flowers without it. I save all my copies and refer to them often for help. I would like to ask a few questions.

First. What vines will grow well in complete shade? We have a Redwood park in front of our house that has a rustic arbor in one corner and I would like perennial vines to cover it. What kind of annuals, of rapid growth, could I use to cover the trellis while the perennial vines are starting?

Second. Will Ivy Geranium grow in shade? I have several plants that I would like to set at the base of trees.

Third. Will climbing Roses bloom in shade? There is a Rose growing up on one of the trees that has not bloomed yet. It keeps right on climbing. Will it ever bloom? Mrs. H. Winter.

Santa Cruz Co., Calif., July 19, 1912.

Ans.—Ampelopsis is probably one of the best plants for growing in shady places. Celastrus scandens and Akebia quinata will also grow in shady places, as will also Dutchman's Pipe (Aristolochia siphon). All of these vines will, however, do better if exposed to more or less sunshine. The common Cucumber vine (Sicyos angulata), and the more popular vine known as Echinocystis lobata would probably do as well as any other vine in a shady place. They are of very rapid growth and will cover a trellis in a very short time. The Japanese Hop Vine is another rapid growing climber that would probably do well in a shady place.

Second. Ivy Geraniums like a rather sunny situation. They are not likely to do well in a densely shaded place.

Third. A climbing Rose will grow in a rather shady place, but will not bloom until its branches reach a sunny exposure.

QUESTION AND ANSWER.

Orchids.—Mr. Park: Will you tell me something about the culture of Orchids? I had one given me, but it did not seem to grow. Does it need any particular kind of soil? I have never seen one in bloom. Mrs. Fred. Johnson.

Chatsop Co., Oregon, Oct. 21, 1912.

Ans.—There are many kinds of Orchids, some aerial, some terrestrial, some hardy, and some tender. It would be necessary to know the name of the Orchid in question to suggest intelligent treatment. Some of the finest kinds are grown in hanging baskets filled with moss, others will grow in pots of earth, the soil being sandy and porous. They all require moist temperature and will do but little good without it.



Make \$30 to \$60 Weekly
 Selling our 300 Candle Power Gasoline Table and Hanging Lamp. No wick, no chimney. Costs 1 cent a night. Big profits. Freight prepaid in U. S. We loan you sample. Exclusive territory. Write today. SUNSHINE SAFETY LAMP CO. 702 Factory Building, Kansas City, Mo.

Gains 30 Pounds in 30 Days

Remarkable Result of the New Flesh-Builder, Protone, in Many Cases of Run-Down Men and Women.

Prove It Yourself by Sending Coupon Below for a Free 50c Package.



Any Man or Woman Who Is Thin Can Quickly Recover Normal Weight.

Protone is a powerful inducer of nutrition, increases cell-growth, makes perfect the assimilation of food, increases the number of blood-corpuscles, and as a necessary result builds up muscles and solid, healthy flesh, and rounds out the figure.

"It acted more like a miracle than a medicine," said a well known gentleman yesterday in speaking of the revolution that had taken place in his condition.

"I have put on just 30 pounds during the last month, and never felt stronger or more 'nervy' in my life.

For women who can never appear stylish in anything they wear because of their thinness, this remarkable treatment may prove a revelation. It is a beauty maker as well as a form builder and nerve strengthener.

It will cost you nothing to prove the remarkable effects of this treatment. It is absolutely non-injurious to the most delicate system.

FREE 50c PACKAGE COUPON
 THE PROTONE CO., 5176 Protone Bldg., Detroit, Michigan
 I want to put on more flesh, and as an evidence of good faith I enclose 10 cents in stamps (or silver) to help cover postage and packing on a free 50c package of your remarkable scientific discovery, Protone, all charges prepaid, together with your free book telling me why I am thin.

Name

Street

City..... State.....

Has Cancer Been Conquered?

The Leach Sanatorium, Indianapolis, Indiana, reports the discovery of a liquid laboratory product, a few drops of which, in selected cases, injected into the cancer, instantly kills it. Bleeding, cancer pains and odorous discharges are immediately stopped. Dr. Leach has for several years made a specialty of the treatment of cancer by non-surgical means and his success is well known. He states that the new discovery will enable him to treat cases which have heretofore been considered inaccessible or incurable. The latest bulletin of the Sanatorium, issued free, gives full details of the method.



Are You
FAT?

I Was
ONCE.

I Reduced
MYSELF.

I was Fat, Uncomfortable, Looked Old, Felt Miserable, suffered with Rheumatism, Asthma, Neuralgia. When I worked or walked, I puffed like a Porpoise. I took every advertised medicine I could find. I Starved, Sweated, Exercised, Doctored and changed climate, but I ruined my digestion, felt like an invalid, but steadily gained weight. There was not a single plan or drug that I heard of that I did not try. I failed to reduce my weight. I dropped society, as I did not care to be the butt of all the jokes. It was embarrassing to have my friends tell me I was getting Stout, as no one knew it better than myself.

SOMETHING HAD TO BE DONE.

I began to study the cause of FAT. When I discovered the cause I found the remedy. The French Method gave me an insight. I improved on that. Removed the objectionable features, added more pleasant ones, and then I tried my plan on myself for a week. It worked like Magic. I could have

SCREAMED WITH JOY

at the end of the first week when the scales told me I had lost ten pounds by my simple, easy, harmless, Drugless Method. It was a pleasure then to continue until I regained my normal self in size. I feel fifteen years younger. I look fifteen years younger. My Double Chin has entirely disappeared. I can walk or work now. I can climb a mountain. I am normal in size. I can weigh just what I want to weigh. I am master of my own body now. I did not starve, but eat all I wanted to. I did not take Sweat Baths, I did not Drug. I used no Electricity or harmful exercises, but I found the Simple, Sane, Common Sense WAY of reducing my weight and I applied it. I have tried it on others. My Doctor says I am a perfect picture of health now. I am no longer ailing. I am now a happy, healthy woman. Now I am going to help others to be happy. I have written a book on the subject. If you are fat, I want you to have it. It will tell you all about my Harmless, Drugless Method. To all who send me their name and address I mail it FREE, as long as the present supply lasts. It will save you Money. Save you from harmful drugs, Save you from Starvation Diets, Harmful Exercises, possibly save YOUR LIFE. It is yours for the asking without a penny. Just send your name and address. A Postal Card will do and I'll be glad to send it so that you can quickly learn how to reduce yourself and be as happy as I am. Write today as this advertisement may not appear again in this paper.

HATTIE BRIEL, 600 Barclay, Denver, Colo.

THE GIRL AND HER BROTHER.

You have heard of the girl
Who had a little curl
That hung right down on her forehead.
When she was good she was very, very good,
But when she was bad she was horrid.

I know another,
Who must be her brother,
Though his hair refused to curl.
When he was good he was very, very good,
But when he was bad he was just like the girl.
Bolton, Mass., Oct. 9, 1912. Susie M. Wheeler.

QUICK, YOU! SAVE THE BIRDS!

Yes, you! You can do it, but you must act at once. Today is the best day of all. Do you remember the Robins and other song birds on your lawns, in your orchards and fields last summer? You wondered why they were not so numerous as the year before. Next year you will wonder why there are not so many as this. The next year or the year after you may wonder why there are none at all. The reason will be that they have been shot and eaten—a dozen, twenty, forty, fifty in a pot at one time, by Southern negroes and whites of a certain class. The very birds which last summer sang before your door, secure in your protection, are perhaps at this very moment being dressed for the dinner of some Southern mountaineer. And whenever you see a flock of your summer birds getting ready to go South to escape the cold of a Northern winter, you may be certain that many of them are going to cruel and ignoble deaths—to be crunched perhaps at one mouthful in the great jaws of some pot-hunting negro.

To prevent this cruelty, this maddening slaughter of our most beautiful and useful birds, sit down at once and write to your Congressman—just write his name with M. C. after it, send it to Washington, D. C., and he will get it. Ask him to support the Migratory Bird Bill now before Congress, putting our insect-eating song birds under the protection of the national government, not merely by his vote but by active interest. Tell him the facts about how the birds are disappearing, according to your own observation. His vote may save the birds. Your letter may gain his vote. Will you spend five minutes and two cents to save the lives of millions on millions of birds? Quick about it, friend. The duty is before you and the time is now.

Thomas M. Upp.

Tompkins Corners, N. Y., Nov. 11, 1912.

Note.—The above communication deserves the special attention of every reader of the Magazine. It is true that our song and insectivorous birds are becoming scarcer every year, and the larger migratory birds, such as the Robin, are largely used as food by the lower classes of the Southern people. Such birds, too, are slaughtered in great numbers and offered for sale in the markets, where they are often purchased by people of refinement who have not given the matter consideration. I heartily give my endorsement and support to any efforts to enact laws for the protection of our song and insectivorous birds. The suggestion of our correspondent is timely, and should be heeded by all who are interested in our feathered friends, as well as in our gardens and orchards and the country at large.—Ed.

TRUSS WEARERS

FREE attention: The PLAPAO-PADS are different from the truss, being medicine applicators made self-adhesive purposely to hold the part securely in place. Nostraps, buckles or springs—cannot slip, so cannot chafe or compress against the pubic bone. Thousands have successfully treated themselves at home without hindrance from work and conquered the most obstinate cases. Soft as velvet—easy to apply—inexpensive. Awarded Gold Medal. Process of recovery is natural, so no further use for truss. We TRIAL OF PLAPAO prove what we say by sending you Trial of Plapao absolutely FREE. Write TO-DAY. Address, PLAPAO LABORATORIES, Block 102, St. Louis, Mo.



CORRESPONDENCE.

From North Carolina.—Mr. Park:—Here comes another flower-loving sister to greet you. I have taken your Magazine for several years and it grows better all the time. No family should be without it. I wish you could see my Zinnias in the front yard. They are beautiful. I keep some in a vase in the house so I can see them all the time. My Geranium plants are in bloom and are the prettiest I have ever seen. The flowers are large, very double and rich in color. My best wishes for you in your noble work. May you be long spared to brighten and beautify this earth with flowers. I enjoy all the letters in the Magazine so much. If I am welcome I may come again.
Miss Cattie Wilkinson.

Maxton, N. C., R. 5.

From Arkansas.—Dear Mr. Park:—Kindly change my address from Manchester, N. H., to King, Arkansas. My coming here was the result of reading a letter from Mrs. Roberts, of this place, which appeared in the Magazine last spring. I corresponded with Mrs. Roberts all summer and decided to come here. I bought a lot and am to have a small house built. The climate seems very good, and it has already benefited my catarrh and bronchitis. The general aspect of the country here is similar to New Hampshire. The soil seems to be rich in places, and I have seen good cotton and corn fields. Have been in Florida, the flower State, but there seems to be more wild flowers here than in that State.

King, Ark., Sept. 15, 1912. Mrs. I. Dodge.

Packing Seeds.—A friend has a novel method of packing seeds to mail. She takes a return envelope, such as comes with circulars and with her sewing machine, she sews it across several times, making little narrow pockets. She writes the names of the seeds on each pocket, puts the seeds in and seals the flap. It is handy to slip inside a letter and there is no tying up of the packets, while it is less bulky. If the seeds are small, she sews the pockets across the other way, making twice as many divisions.

Arkansas. A Subscriber.

From Arkansas.—Dear Flower Folks: Those of you who exchange seeds and plants should be careful to state in the first letter exactly what you have, giving a complete name and description of each and stating just what you wish in return. When one gets 50 or 100 letters and cards, she does not feel like writing letters of inquiry and is not apt to do it either.

Arkansas, 1912. L. M. S.

From West Virginia.—Mr. Park: Last year I got up a club order for your Magazine and premium Hyacinths and Tulips, and my friends were all so well pleased that they asked me to have their subscriptions renewed this fall. I am, therefore, sending another club order, adding two new patrons to the list. This is my second club order this fall, and all are well pleased. I hope to get seeds of some hardy perennials soon.
Ansted, W. Va. Mrs. Lizzie Eastman.

GRAY HAIR can be restored to natural shade to stay dark. It will be beautified, too. Don't waste money and take risks with questionable dyes or stains. Get our big Book on the Hair. We will send it FREE, in plain wrapper, postpaid. **KOSKOTT LABORATORY, 1269 Broadway, 268 A, New York, N. Y.**

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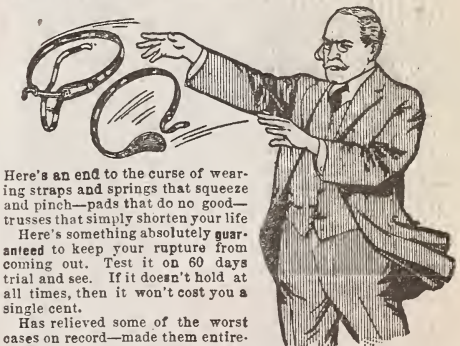


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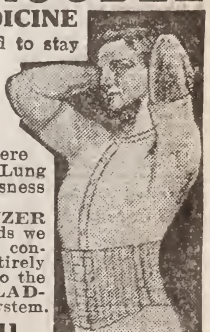
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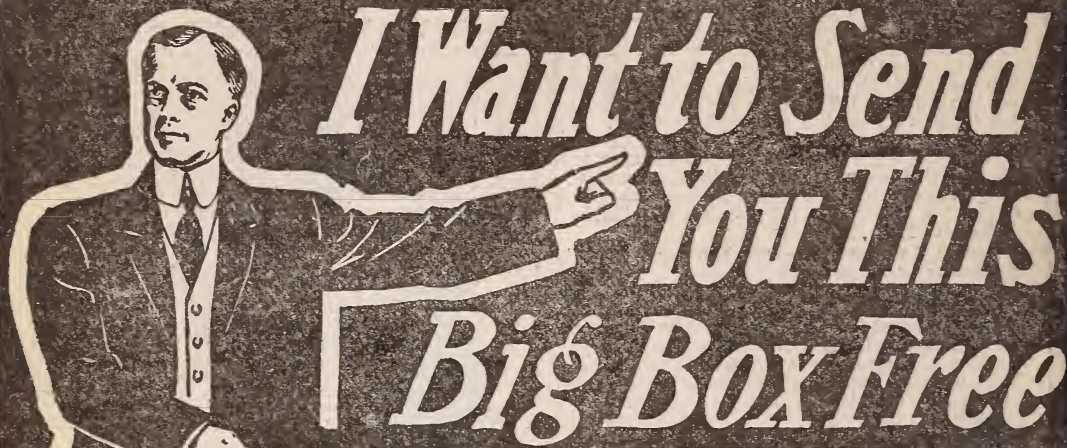


South Royalton, Ut.
 Wilbur Stock Food Co.
 Milwaukee, Wis.
 Gentlemen:—The Stock
 Tonic that you sent me sev-

eral weeks ago works to per-
 fection, as my stock is in
 much better condition with
 less grain than when I com-
 menced to feed it. F.Rand.

Kremmling, Colo.
 Wilbur Stock Food Co.
 Milwaukee, Wis.
 Gentlemen:—Enclosed find
 draft for \$13 in payment for

Stock Tonic. I have used
 two pails of your Stock Tonic;
 it is certainly fine. My horses
 are sleek and fine working
 every day, Casper Schwab.



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Read What Dr. Kremer Says!

Wilbur Stock Food Co., Milwaukee, Wis. Madison, Ind., June 29, 1912.
 Gentlemen— I received the lot of Stock and Poultry Tonic last spring. I am pleased to inform you in behalf of your future customers, that I now know why it pays to feed Wilbur's Stock and Poultry Tonic. I have used almost every known kind of so-called "Stock Tonics" sold in this section and was disgusted on ever trying any other, but as I had never tried Wilbur's, I decided as a matter of justice, to give it a thorough test. The results obtained by feeding it with a mixture of crushed corn, bran and "ship-stuff" to my two fine driving horses is phenomenal. I never before have they "shed" their old coat of hair so early and looked so sleek, healthy and vigorous as this spring and summer. I have fed it to my eighteen hens and the results obtained in health and quantity of eggs is double to that of former years. This all aroused my curiosity to the extent that I concluded to test its formula and I find it contains all the ingredients specified therein, and in accordance with our Materia Medica comprises some of the best reconstructive tonics, alteratives, laxatives, blood tonic and purifier. Yours sincerely,
 NICHOLAS A. KREMER, D. V. Sc., M. D.
 Cor. 2nd and Walnut Sts., Madison, Ind.

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