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80
P23

PARKS Floral Magazine.

VOL. XXX. No. 11.

LIBONIA, FRANK. CO., PA., NOVEMBER, 1894.

BULBS AT HALF PRICE.

I offer the following collection of choice bulbs at half price to close out the immense stock on hand. The bulbs are all large and sound, and if any purchasers are dissatisfied I will refund their money. Please note the offer:



CHINESE SACRED LILY OR JOSS FLOWER.

water occasionally. That is all the care it had, but I was rewarded with three large clusters of the fragrant flowers. Hereafter I shall have more.—W. H. Baxter, Berkshire Co., Mass., Feb. 27, 1894.

The *Lilium auratum* (Golden-rayed Japan Lily) I got from you is just now in bloom, and is the grandest Lily I ever saw.—Mrs. P. Hull, Jackson Co., Ore., Oct. 2, 1894.

For club of two I will send extra a bulb of the beautiful double yellow Oxalis; for club of three a Buttercup Oxalis. For club of four (\$1.00) I will send both these Oxalis. For club of ten (\$2.50) I will send 50 cents worth of bulbs, which may be selected from my Bulb Catalogue. See your neighbors and get up a club. This bargain offer is only good till New Years, and the sooner you purchase and plant the better you will be pleased. Do not, then, let this offer heedlessly pass. You may not have such a chance again. Address,

GEO. W. PARK, LIBONIA, FRANKLIN CO., PA.

P. S.—Full cultural directions accompany every package of bulbs.

For Only 25 Cents
sent me before New Years I will mail, securely packed, guaranteed to reach and please the purchaser:

- One *Chinese Sacred Lily*, a large fine bulb, just imported, value.... 15
- One *Golden-rayed Japan Lily*, the sweetest and grandest of Lilies, hardy, value..... 15
- One *White Grape Hyacinth*, new, and one of the loveliest of early spring flowers, hardy..... 3
- One *Spanish Iris*, the garden-child Iris, elegant, hardy..... 4
- One *Ixia*, a superb window bulb, bearing its flowers in spikes..... 3
- One *Allium Neapolitanum*, sure winter blooming bulb; white flowers in splendid clusters..... 3
- One hardy bulb, my selection..... 7
- Total value..... 50

This entire collection, 7 bulbs, at half price, 25 cents. The Sacred Lily, *Ixia* and *Allium* can be grown in the window. The others can be bedded out. These are bulbs I cheerfully recommend, as I feel assured they will delight every purchaser. See what others say of their success with them:

How many of the floral friends have tried raising the Chinese Sacred Lily? If you have never tried it do so now. It is so little trouble, and the result is so satisfactory. Last fall a friend gave me one bulb. I put it in a glass dish filled with small stones, a few pieces of charcoal and water, and gave it a little fresh

GRAND BULB PREMIUM.

30 Splendid Hardy Bulbs—Hyacinths, Tulips, Crocuses, Narcissus, etc., with
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Dutch Pompon Hyacinth, lovely pink.

Dutch Pompon Hyacinth, exquisite cream color.

Dutch Pompon Hyacinth, fine light blue.

Dutch Pompon Hyacinth, pure white.

NOTE.—These are all charming, single-flowered Hyacinths, very early, graceful, rich-colored and deliciously fragrant; fine for either beds or pots.

Tulip, Duc Van Thol, Gold-striped, red and gold; very showy.

Tulip, Duc Van Thol, Scarlet, the brightest-colored of Tulips.

Tulip, Duc Van Thol, Violet and white; beautiful; superb sort.

NOTE.—Duc Van Thols are the earliest of Tulips, blooming almost with the early Hyacinths. They are gorgeous and delightful harbingers of spring. Fine also for pots.

Tulip, Double Early, Titian, immense; red, gold margined; fine.

Tulip, La Candeur, double; pure white; the best of its class.

Tulip, Double Early, Yellow Rose, golden yellow, very large.

Tulip, Single Late, Bizard, white, splashed and feathered; fine.

Tulip, Single Late, Gesneriana, large; scarlet, dark blue center.

NOTE.—The Double Early Tulips do well in either beds or pots. The Single Late sorts are for beds. They will bloom in pots, but not early.

Narcissus, Biflorus, twin-flowered Daffodil, white, yellow cup.

Narcissus, albo pleno odorata, pure white, exquisite, double.

Narcissus, Jonquil, exquisite, bright yellow, fragrant Jonquil.

Crocus, Baron Brunow, large, bright purple flowers; very fine.

Crocus, Non plus ultra, light blue with white border; beautiful.

Crocus, Mont Blanc, finest white, large flowers.

Crocus, Sir Walter Scott, white striped with purple; beautiful.

Crocus, Large Yellow, very large, bright golden flowers.

Anemone, Helena Maria, rich blue, shading to light blue.

Anemone, The Bride, pure white, mostly semi-double.

Anemone, Scarlet, rich, dazzling scarlet; very showy; one of the finest Anemones in cultivation.

NOTE.—These Anemones are all suitable for either beds or pots. Protect with pine boughs far north.

Ranunculus, French, superb large double flowers of various colors.

Ranunculus, Persian, very fine, showy, richly-colored double flowers.

Ranunculus, Turkish or Turban, lovely double flowers of the finest colors

Iris Hispanica, the Garden Orchid Iris; showy, delicate and beautiful.

Scilla Siberica, a charming very early spring flower of the richest indigo blue.

Chionodoxa lucilla, Glory of the Snow; fine scapes of blue flowers almost before the snow is gone.

Saxifraga granulata, pure white, very double; a superb hardy bulbous plant.



30 choice bulbs and Magazine one year all for 50 cents. Can you afford to let this offer pass? Now is the time to subscribe, and now is the time to plant these bulbs. They are all hardy and suitable for either garden beds or window pots. Full directions for culture accompany every package.

STILL MORE.—Get your neighbor to send with you, remitting \$1.00 for two copies of the **MAGAZINE** and two of the above collections, and I will add to your order:

Dutch Hyacinth, Single, Large-flowered, Blush White.

Dutch Hyacinth, Single, Large-flowered, Dark Red.

Dutch Hyacinth, Single, Large-flowered, Dark Blue.

Tulip, Wouverman, splendid dark violet; single, early; very handsome.

Tulip, Crimson King, rich scarlet, single early; a gorgeous sort.

Narcissus, Stella, large white Daffodil with sulphur cup.

Crocus Versicolor, very early and very beautiful, but little known.

Snowdrop, single, considered the earliest of all spring flowers.

Anemone, Double-flowered, various-colored flowers about size of Tulips.

All the bulbs of the above collections are hardy, and fine for garden beds, while they are also suitable for growing in pots for window decoration. A similar though smaller and less valuable premium collection was offered last season, which gave great satisfaction, and this year's premium cannot fail to delight everybody who receives it. The bulbs are all first-class, selected for us in Holland, and all will bloom. They are not auction bulbs, such as many dealers offer, but every bulb will produce the finest bloom of its kind. Ask your friends to order with you.

See What I Offer For Club of Five.

For a club of Five names at 50 cents each (\$2.50) I will add:

The nine choice bulbs Hyacinths, Tulips, etc., offered for club of two.

The fine collection of choice winter-bloomers offered on another page, consisting of one splendid Bermuda Easter Lily, one Bermuda Buttercup

Oxalls and Five Giant Freesias. To these I will also add four fine winter-blooming bulbs, my selection, making in all 20 bulbs—all for a club of five subscribers. This is certainly a liberal offer, and I trust my friends will all make an effort to favor me with the names and secure this premium. Please note that every member of your club paying 50 cents will get the Grand Premium of 30 Hardy Bulbs above offered. Now is the time to get and plant these bulbs. Go to work at once. Please don't wait until the season is past. Send money by Money Order or Registered Letter at my risk. Address,

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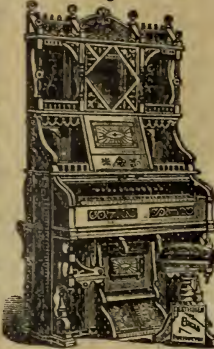
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April 1, 1894	15, 8 "	September 1, 1894	7 1/2 "
May 1, 1894	15, 8 1/2 "	October 1, 1894	8 "

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Mention Park's Magazine.

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WORTH ITS WEIGHT IN GOLD

PARK'S FLORAL MAGAZINE.

A MONTHLY JOURNAL OF FLORICULTURE.

Vol. XXX.

Libonia, Pa., November, 1894.

No. 11.

LOVE'S MESSAGE.

'Twas only a tiny blossom
That, plucked from a mountain height,
Concealed in its velvet petals
This message of rare delight.

"I love you"—the passing breezes
Repeated the story old;
"I love you"—It seemed imprinted
In the blossom's heart of gold.

"I love you"—the subtle fragrance
Was breathing the sweet refrain,
And birds in the dim old forest
Seemed singing it o'er again.

"I love you"—ah, lips that are faithfu
And heart that is true to me,
The flower has carried your message
Far over the deep, blue sea.

For, though but a tiny blossom,
And plucked from a mountain height,
I read in its velvet petals
A message of rare delight.

—Genie L. and Florence J. Royce.

SOLANUM GRANDIFLORUM AND

FERNS IN A VASE.—An English horticultural journal, *Gardening Illustrated*, gives an illustration of a vase filled with flowers of *Solanum grandiflorum* and the sprays of *Adiantum*. The effect is so admirable that the illustration is copied for the benefit of our readers. As will be noticed, the flowers are not compactly bunched, but droop gracefully among the ferns. This obviates stiffness and formality which destroys the charming effect of so many designs. Simplicity and naturalness are prime elements in the matter of arrangement, and in the vase shown they are well indicated. The design will therefore bear study.



SOLANUM GRANDIFLORUM AND FERNS IN A VASE.

BUSH HONEYSUCKLE.

NOTICE this old favorite is once more before the public. This time it is spoken of as something rare and desirable. Nothing the florist may say in its praise will be too good. It is without a peer, and those who have once grown it will testify to its good traits. It will grow to quite a height if allowed to do so. I have seen specimens as tall as eleven and twelve feet, but this great height detracts much from the beauty of the plant. It is easily pruned and makes a handsome bush when kept at a height of four or five feet. Then it is accommodating, growing readily and luxuriantly in almost any situation. It is useful for

forming hedges, and in its blooming season—from April to June here—it is a most beautiful sight. I find that it is as easily rooted by layering as the *Halleana*. In May I buried several of the sprouts that grow from the ground about the parent plant, and by the first of July they were rooted and ready for transplanting. Some time before I removed them I severed them from the main plant. I bent or buried the sprouts with sod piled on them near the parent plant. I was particular to keep the sod wet until root growth was far advanced. By all means have this plant. Lina

McLean Co., Ills.

PLANTS FOR SOUTHWESTERN TEXAS.

IN the southwestern part of Texas amateur gardeners are anxious about their gardens as the summer months come, for they are so long and dry that one almost despairs. Now, I would say to such put away these troubles, for while you cannot have Geraniums, Heliotropes, Sweet Peas, etc., at this season you can have them earlier, and there are other plants just as beautiful, and some think them more so, that you can have, and I am going to tell you of a few. First of all plant *Vinca rosea* in abundance. Sow the seeds in March and by May they will be in full bloom, and will remain so no matter how dry the season. Next get *Fire on the Mountain* or *Euphorbia heterophylla*. Plant lots of these, too, as they are beautiful and very showy, and one planting is enough. *Lantanas* in their endless shades and markings are very fine and always in bloom. *Crinum*s, *Panacratium*s, *Zephyranthes* and *Amaryllis* will bloom after every summer shower. *Cypress vines* will stand lots of dry weather, and are very pretty trained upon a fence. *Moon-*



VINCA ROSEA.



CYPRESS VINE.

vines or *Ipomoeas* are grand drouth resisters, and the same may be said of *Datura*. *Portulacas* dearly love the sun, and the hotter and drier it is the better they seem to like it. *Plumbago capensis* is a grand summer plant in the South. *Ageratum*s, *Marigolds*, *Petunias* and many other annuals are good drouth resisters, and all go to make a show.

Bexar Co., Texas. E. W. Watts.

TREATMENT OF CACTUSES.

CACTUSES should rest from November till February. Give them scarcely any water during this period; then they will commence to bloom before growth begins. I let my Cactuses have the full sun the year round, and I notice those that have the strongest sun in the winter have the most blooms. It is a mistake that Cacti have to be seven years old before they bloom. I had *M. Micromeris* to bloom when scarcely one inch high, and only a few months old. *M. Pusilla* will do nearly as well. A cutting of *Phyllocactus latifrons* has bloomed for me the second season when only a foot high, and so do several *Cereus* I could name. I think most people use too large pots, as Cactuses do not require much soil. A five or six-inch pot is large enough, except for *Cereus*, for which I use a ten-inch pot, and do not repot oftener than once every three or four years, as I think if they are root-bound they are better bloomers. If I think the soil is getting a little poor I scrape off the top and add new soil a little richer than I repot in, or I fill the saucers with liquid manure water occasionally. A plant that is repotted will sometimes refuse to bloom the first season. I always repot in February if I have to repot any, so they will get the whole season to grow in. I water my plants in summer two or three times a week, and sprinkle them every sunshiny day. Be sure and have good drainage. I fill my pots one-third full of charcoal. A tablespoonful of coal oil mixed in a pint of milk will kill red spider, mealy bug and scales, and if thrip gets on my *Phyllocactus* I use tobacco water. I have a large collection of Cactuses, and have plenty of blooms. I have no failures. I have done a good deal of grafting with good success, and if the Editor would like to hear about it sometime I will tell you about it.

Lewis Co., Mo.

L. C.

[NOTE.—Practical items about Cactus culture are always of interest, and our contributor should write again.—Ed.]

OTAHEITE ORANGE.—Otaheite Orange is certainly the most ungainly plant I have. Pinching doesn't help it much. Two oranges ripened on it last spring, but all blooms dropped off while they were on. I believe this plant is over-praised. Cora Jewell.

Montgomery Co., Ind.

ANTIGONON LEPTOPUS.

ONE of the most beautiful out-door vines for the South is *Antigonon leptopus*. This plant belongs to the



Knot-weed family, Polygonaceæ. The leaves are of a handsome green, neatly veined, and very graceful in form, while the flowers are pink, mingled

with colored bracts in a large, one-sided raceme terminating in a tendril.

The plants are readily propagated from seeds, one of which is represented in the sketch at *a*. These should be planted half an inch deep in a box of porous soil. The plants will appear in from ten to fourteen days, and when once started they will live under the most negligent treatment. The roots are fibrous at first, but soon little tubers form, as shown in the accompanying illustration of a young plant. These are stores of nourishment, and sustain the vitality and vigor of the plant during the months of rest. The plant likes a warm, sheltered situation, and a copious supply of water during the growing and blooming period. It is a native of Mexico, and is hardy in our southern States, but requires protection at the north. It is said to do well in the greenhouse bedded over hot-water pipes, also in a warm conservatory. Southern readers who have the plant should tell us more about its beauty and requirements. Such information would be of interest to many of the MAGAZINE readers.

A SICKLY HYDRANGEA.—If the plant is growing in a pot or small tub do not divide it, but shift into a larger pot or tub. If the plant is in a large tub it should be taken out carefully, the ball of earth reduced one-third, then replace, using fresh compost. These operations should be performed as early in the spring as possible, before the plant starts into growth.

Chas. E. Parnell.
Floral Park, N. Y.

A LARGE POPPY.—I have just come from my garden, where I measured a splendid Poppy of the large, double, fringed variety. It is full seventeen inches in circumference, and is of a soft rich scarlet, shading to white at base of petals. This is the largest Poppy I have ever seen. The plant is forty-six inches tall, and grows in deep, mellow soil.

Uhlma.
Riverside, W. Va., June 15, 1894.

NATIVE SPECIES OF ASCLEPIAS.

MUSA ENSETE.

THE root of the Butterfly Weed, *Asclepias tuberosa*, is perennial, and gives origin to numerous stems which are erect, round, hairy, of a green or reddish color, branching at the top, and about two feet in height. The leaves are oblong, lanceolate, of a deep green color on their upper surface, paler beneath. The flowers of a beautiful reddish orange color, and disposed in terminal or lateral umbels. The fruit is an erect, lanceolate follicle, with flat, ovate seeds. *Asclepias incarnata* has fragrant red flowers in erect umbels. Another variety has white flowers. All are indigenous throughout the eastern and middle States, flowering in July or August, and possessing valuable medical qualities.

E. Frances E.

Del. Co., N. Y., Aug. 24, 1894.

[NOTE.—*Asclepias quadrifolia* is a dwarf species which blooms in early summer. The leaves are in whorls of four, and the flowers pale pink in neat little clusters. It only grows about a foot high, and is more delicate in appearance than either of the varieties above described. *Asclepias cornuti* is the well-known Milk-weed, the "bolls" of which are used in making fairy flowers.—Ed.]

OXALIS AND CATS.—If you own a pot of Oxalis and a cat, do not have them within reach of each other. The Oxalis will not harm the cat, but the cat will make salad of the Oxalis in short order. The Oxalis will survive this treatment—so will the cat, if you do not kill him in your wrath—but prunings of this primitive sort are not conducive to the beauty of the plant.

Mrs. E. Rankin.

Marquette Co., Mich., Oct. 12, 1894.

PLUMBAGO.—I have just learned the good qualities of blue and white Plumbago, and I wish I had half a dozen pots of each.

Cora Jewell.

Montgomery Co., Ind.

[NOTE.—If this sister knew the good qualities of Plumbago coccinea she would want a half dozen pots of it also. As a winter-bloomer it is a great acquisition, while it is unrivalled in beauty by any other sort.—Ed.]

REMEDY FOR APHIS.—I am greatly amused at the patience of the florist in recommending kerosene emulsion for Aphis. I sprinkle the insects with glycerine and rose water as a sort of "tanglefoot"—one teaspoonful to a cup of water.

M. B.

Kinderhook, N. Y.

NO one who has ever seen a fine plant of *Musa ensete* or Banana needs to have a word said as to its beauty. A good specimen, with perhaps a dozen great wide leaves, each from four to six feet long and from fifteen to eighteen inches wide, and of the clearest, richest green, is indeed a thing of beauty, adorning alike the yard in summer and the house in winter. It's one drawback is its great sensitiveness to cold. But it can be kept in any fairly warm room, and is not particular whether it has direct sunshine or not.

My plant, purchased in June, 1893, was less than six inches high. It has been shifted four times and now occupies a half-barrel, and is so large that I shall not be able to bring it into the house after this winter. I think this is a pretty good record for a plant less than a year and a half old. I find it must have rich soil, good drainage, and an astonishing amount of water. Weak manure water once a week is beneficial. The leaves are tough enough to not be easily torn, but still it is wiser to put this *Musa* in a sheltered situation out of doors, or high winds will whip the lower leaves into tatters.

Lora S LaMance.

McDonald Co., Mo.

[NOTE.—The Editor heartily endorses the above recommendation of *Musa ensete*. It is a grand decorative plant, and its easy culture should make it popular among amateurs. It can be propagated from seeds, which mostly require from six weeks to two months to germinate. By filing through the bone-like seed-covering germination might be greatly hastened.—Ed.]

CLINTONIA BOREALIS.—How many of the Band know the *Clintonia borealis*, the beautiful wild Lily of the Valley? It grows in shady places, but bears transplanting to the garden and thrives there. The glossy green leaves are almost identical with its cousin of the garden. The flower scape rises from the ground in the same way, and the dainty bells hang gracefully from its sides, but the individual flowers are larger and more open at the throat, and of the most delicate pale yellow. It is one of the loveliest of our native flowers. Its blooming season is in June.

Cummington, Mass. Esther.

PELLÆA ATROPURPUREA.

A BEAUTIFUL little Fern found upon lime-stone rocks in Pennsylvania is *Pellæa atropurpurea*, shown in the sketch. It is a near relative of the genus *Pteris*, and is often classed under that name in botanies. The difference between the two genera is not great. *Pteris* has its spores in a mere line upon the under margin of the pinnae or leaflets, while *Pellæa* bears its spores in a broad marginal band. The stipes or leaf-stems of *Pteris* are pale or greenish, and those of *Pellæa* are purple or brown.

From Texas a FLORAL sister writes:

Mr. Park:—I send you the leaf of one of our native plants. It has a bulbous root and grows among rocks. I think it is a species of Fern. Please answer through your Magazine, and say what it is.

Mrs. E. B.
Apr. 25, 1894.

The leaf or frond enclosed was just like that shown in the sketch, which was taken from a specimen secured from rocks not far from the Editor's window. The following description of the plant is given by Wood, who classes it as a *Pteris*:

"*Pteris atropurpurea* L. Rock Brake. Coriaceous (leather-like); rachis (leaf-stem) hairy lower pinnae (leaflets, d) ternate or pinnate; segments opposite oblong, margins conspicuously revolute, with edges often meeting behind, as in *Allosorus*, 3-6-12". On lime rocks, N. and S."

Pellæa (*Pteris*) *atropurpurea* is an

evergreen Fern, and retains its rich green fronds throughout the winter. New fronds then develop, and the older ones lose their foliage. In the illustration the ternate character of the foliage is indicated at d. At e this is reduced to a mere serrature, while the terminal leaflets lose this character entirely. At c is shown the remains of fronds of previous years. The bulb-like base which bears the fronds loses its vitality from year to year at a, while at b it shows annual development, and forms fresh germs of increasing vigor each year, for expansion the following season. At f the mass of black, wiry, fibrous roots are shown. These are renewed as the frond-bearing "bulb" grows, while they decay and disappear at the waning portion.

With these few notes and the accompanying sketch most of our readers will be able to identify the plant when it is found. It is a neat, graceful, handsome Fern, but its culture will hardly be successful unless it can be introduced into the niches and crevices of shaded limestone rocks.

REMEDY FOR WHITE WORMS.—I have never seen an article in the *Floral Magazine* advocating my remedy for worms in the soil. It is saltpetre, an even teaspoonful to a quart of water. I have used it two years and like it better than lime, because I find lime soon loses its strength, and if you put the lime water in tight cans it does not keep strong very long. I was led to use saltpetre because it is used by the farmers in this section to kill the borer that destroys the Cucumber and Squash vines. It is said to be death to insect life but beneficial to the vegetable kingdom, and so I have found it.

L. A. Moore.
Clermont Co., O.

ROSA RUGOSA.—One of the finest Roses for hedges is this Japan novelty. There are two varieties, rubra and alba. The flowers are single and borne in great profusion, and are succeeded by brilliant seed vessels, large and round as cherries. The foliage has a beautiful, glossy, crinkled appearance, which gives the bush a very noticeable effect without blossoms. No shrub is finer for cemetery decoration, as it is very hardy.

E. Frances E.
Delaware Co., N. Y.,



Park's Floral Magazine.

A MONTHLY. ENTIRELY FLORAL.
GEO. W. PARK, Editor and Publisher,
 LIBONIA, FRANKLIN COUNTY, PA.

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SUBSCRIPTION PRICE, 50 cents a year, prepaid.

THE EDITOR invites correspondence with all who love and cultivate flowers.

NOVEMBER, 1894.

LOBELIA FOR THE WINDOW.—One of the most beautiful and free-blooming of blue-flowered window plants is *Lobelia*. The plants are easily raised either from cuttings or from seeds, and if started during midsummer they begin to bloom in late autumn, and in either baskets, vases or pots make a fine display throughout the winter.



A lady in Wisconsin is elated over the new white-eyed blue *Lobelia*, and writes of it as follows:

Mr. Editor:—*Lobelia erinus compacta oculata* has been added to my window garden, and possessing this I care for no other blue flower indoors. The others I have tried had insect pests from which this is free. It is just as available for cut flowers and luxuriates in a shaded location. F. L. D.
 Pepin Co., Wis., Sep. 18, 1894.

Considering that this fine *Lobelia* is so easily obtained from seeds it would seem strange should it not soon become popular, and find a place in every window collection.

MATRIMONY VINE.—The old-fashioned Matrimony Vine, from Barbary, botanically known as *Lycium Barbarum* (L.) is perfectly hardy. It bears greenish-purple flowers, succeeded by clusters of oblong, orange-scarlet berries. The vine is shrubby, and is useful for a trellis or arbor.

CACTUSES IN WINTER.—Give these a less prominent position in the window and water sparingly till spring. An upper shelf will suit them, as they enjoy heat.

FLOWERS IN A NORTH WINDOW.

WE often hear the enquiry "What plants will bloom in a north window?" Now, Chinese Primroses, Callas, Roman Hyacinths, and a few other plants will bloom in such a position, but if you have also a window with a Southern exposure you can always have a fine display of flowers in the window facing the north. A sister in White county, Illinois, describes so well how this is done that I give the method in her own words:

"Mr. Park:—I wish some of the flower-loving sisters could step in some cold morning when the mercury is below zero and enjoy my flowers and plants with me. The winter time is when they are in their prime. I have been asked by so many how I manage to have blooming plants all winter in my bay window which fronts north. It is this way: My Geraniums and such plants that need the sun I leave in my south windows till they bloom, then I bring them to my bay window for show. As the blooms begin to fade I set the plants back in the south window and bring others to the front. Thus the same plants will give an abundance of bloom all winter."

As is well known, many plants bloom freely in South windows, where the sun has free access, while in north windows not a bud will appear. The method is not a new one, but it commends itself to those who have suitable windows in which to grow and display flowers in this way.

SEEDS OF NELUMBIUM SPECIOSUM.—One day a box came addressed to the Editor, and when opened the big face shown in the sketch appeared, and all those deep eyes with sunken pupils stared right out, as if surprised to be found so far from home. The face was the dried torus or seed vessel of the *Nelumbium speciosum*, and the sunken eye-pupils were the seeds. This *Nelumbium* is one of the most showy and beautiful of all our water plants. The large, soft-green, peltate leaves and great, Tulip-shaped pink flowers make it an object of wonder and supreme admiration. The plants grow in moderately deep water, thrive under ordinary conditions, and propagate readily either from roots or seeds.



EXPERIENCE WITH BERMUDA LILY.

THE following note from a flower enthusiast in Illinois may be of use to others who are interested in the culture of the Bermuda Easter Lily:

"Mr. Park:—The Bermuda Easter Lily I got of you last year I was late in purchasing, therefore late in planting, and I thought it would never start to grow. After we started the fire in our furnace I put the pot in which my bulb was set near one of the registers, and this acted like a charm. I never saw a plant grow so fast and so fine. The plant was very large and the Lilies were magnificent. Sitting in my bay window with blooming *Amaryllis*, *Begonias*, *Geraniums* and a fine pot of *Impatiens Sultani*, a beautiful Palm, and a Sword Fern, I had as lovely a window as one would wish to see, and the Lily standing Queen over all. As this was in mid-winter my window was much admired."

The advice is often given to set the bulbs away in a dark, cool cellar to root. This is all right if you do not care for the flowers early, but if you wish an early and liberal growth of either roots or tops the temperature should be at least moderately warm.

HOW THE CHINESE NARCISSUS INCREASES.—Here is an illustration showing how the Chinese Narcissus is



propagated. The old bulb was planted last season in earth, and after blooming it died and rotted away, but around its base, in a concentric ring, appeared the bulblets shown in the sketch, each bulblet from four to five inches in circumference, and doubtless of sufficient strength to throw up a scape of bloom. The clump will be potted for winter-blooming. If each bulblet bears a cluster of flowers the mass of foliage and bloom will form an object of much admiration and be a source of pleasure.

LAWN GRASS.—The best time to sow Lawn Grass seeds is early in the spring after danger from severe frosts is past. There is no mixture that excels pure Kentucky blue grass to produce a sod. It is to be preferred to any lawn-grass mixture.

PERENNIAL POPPY FROM SEEDS.—Sow in the spring. The plants will appear in from one to two weeks, and will usually bloom in the third year, and every year afterwards. Seeds that are not fresh are longer in germinating.

TROPÆOLUM MAJUS.

HAVE you ever considered what a beautiful and useful flower the *Tropæolum majus* or *Nasturtium* is? It is easily grown from seeds, produces elegant, insect-proof foliage, and from early in summer till after severe frosts



in autumn is continually bright with its large, showy, silky, delightfully fragrant flowers of various colors and markings. The plants grow rapidly in almost any soil or

situation, and will trail on the ground or climb any support provided, being alike valuable for beds or trellises. Cut and placed in water the flowers are unsurpassed for table decoration, while as a salad they are said to be a most wholesome and pleasing diet. The green seeds, too, are highly prized by some for pickling. Is there another flower so valuable and useful.

AUTUMN-SOWN PERENNIALS.—There are some perennial flowers, the seeds of which should be sown in autumn. *Viola odorata*, *Lupinus polyphyllus*, *Tradescantia*, *Anthericum liliastrium* and *A. liliago*, *Iris* in variety, *Geranium sanguineum* and *Adlumia cirrhosa* should all be sown in autumn. Sow out-doors in well-prepared soil, press firmly after sowing, and do not look for the plants till spring. If seeds of these are sown in the spring the plants often do not appear for a year.

VIOLA ODORATA.—This Violet is perfectly hardy and will endure the winter in any well-drained soil. It is readily propagated from autumn-sown seeds. The plants like a deep, rich, moist soil and shady situation. The flowers are very fragrant, come in profusion in the spring and are much admired. A bed of these Violets at the north side of a building generally gives satisfactory results.

OXALIS CERNUA.—A reader in Canada asks about the origin of the Buttercup *Oxalis*. It is an improved variety of *Oxalis cernua*, sometimes known as *Oxalis lutea*.

A MEXICAN YUCCA.

IN Eastern Mexico, north of the Tropic of Cancer, there are great inhabitless plains hundreds of square miles in extent, where groves of Yuccas may be seen. They are mostly from ten to fifteen feet high, bearing a cluster of leaves at the top, and sometimes a large, upright panicle of white flowers. After the tropic is passed, how-



MEXICAN YUCCA.

ever, much of the land is cultivated, and in many places appear large, branching Yuccas, as represented in the engraving. These Yuccas are frequently twenty to thirty feet high, evergreen, and bear long, drooping panicles of white, bell-like flowers succeeded by heavy seed-pods. The natives cut the branches of these trees and set them thickly in the ground to hedge in their cultivated grounds, and a peculiarity about them is that although six or eight inches in diameter, they soon throw out roots and become growing trees. The hard, spiny leaves are useful for their thread-like tissue, which serves as a tying material, and they are also used in making baskets and various household wares. The plants mostly grow in sandy soil, and are capable of enduring wonderful drouth.

A PLEASANT AND HEALTHY CLIMATE.—Mrs. Wm. Ward, of Piscataway, Md., a place 20 miles distant from Washington, D. C., is delighted with the pleasant and healthy climate in which she has her home, and recommends it to others.

HELIOTROPE FOR WINTER-BLOOMING.

THE delightful fragrance of flowers of Heliotrope is much prized, and has induced many persons to attempt to bloom the plants in the window in winter. These attempts are often failures, because the window was not suitable, or because the plants were not given proper care. A floral sister in Connecticut has succeeded well with Heliotrope plants in winter, and gives her experience as follows:

Mr. Park:—I would like to say a few words for the Heliotrope as a winter-bloomer. I have always found it reliable when given proper treatment. I like chip-dirt, well heated in the oven to kill all worms. Then in winter give weak liquid hen manure twice a week. Several years ago I had one from an April cutting that began blooming as soon as rooted. When cold weather came on it ceased because I did not know how to treat it. About Thanksgiving it commenced again, and grew taller and wider. The first of March it had over seventy buds and blossoms. It was a "thing of beauty" all winter and summer. For the benefit of those, who, like myself, live in small houses with smaller windows, I will say that the plant stood in a south window in the kitchen in the morning, and in a west one in the afternoon.

Mrs. C. S. Powell.

Fairfield Co., Ct., Oct. 12, 1894.

Some secrets of Heliotrope culture are keeping the atmosphere moist, giving the plants a sunny position, and retaining a moderately warm temperature. 50° at night will do, but it should not be below that. Drain well and water only as the plants need it. Avoid too small pots. Fumigate to destroy aphids.

TEMPERATURE.—As a rule the temperature of a room in which there are blooming plants should not fall much below 60°, though most window plants will live if the mercury occasionally registers 40°. A healthy temperature for plants is a range of from 50° to 75°. Avoid extremes of heat and cold. Keep a thermometer near the plant window or in it, and watch its indications. You will soon learn to gauge the temperature and keep it properly regulated.

BULBS NOT SPROUTING.—Sometimes certain bulbs fail to start till the next year if they are kept out of the ground beyond their usual sprouting time. Bulbs should not, therefore, be discarded as worthless until they have been given sufficient time to recover from such ill treatment.

EDITORIAL NOTICES.

GOSSIP.

The Beethoven Organ.—The Beethoven Organ Company advertises in the Magazine this month for the first time, but the Company is not a new one. The Beethoven Organ has been favorably known for many years, and its rich notes enliven thousands of music-loving homes throughout the land.

In Missouri.—The Missouri State Horticultural Society will hold its 37th annual meeting at Trenton, Mo., December 5th to 7th, 1894. The orchard question will be fully discussed, and a fine lot of fruit exhibited. Persons interested should write the Secretary, L. A. Goodman, Westport, Mo., for farther information.

"Fungi and Fungicides" is the title of a practical work by Clarence M. Weed, D. Sc., published by the Orange Judd Company, N. Y. Cloth, \$1.00; paper cover 50 cents. It will be found a valuable work to those interested in the subjects of which it treats.

Chapel Organ.—The Editor knows a Sabbath school which was induced to purchase a Cornish Chapel Organ through the advertisement of the Cornish Company which appeared in the October Magazine. The instrument is now in use, and gives entire satisfaction in tone, volume and finish.

BRIEF ANSWERS.

Oxalis Ortgiesi.—Oxalis Ortgiesi, known as Golden Star Oxalis, should be given during the winter season a sunny situation, an average temperature of 55 degrees, and a compost of two-thirds turfy loam and one-third well-decayed manure. Use porous or soft-baked pots. During summer plant out in a shady situation and supply with water. This Oxalis is a favorite of the red spider.

Curtailling.—Plants that are well branched should not be curtailed or cut back with a view to making them bloom. It will be a fruitless experiment. Dig some bone-dust into the surface soil, and let the plants become root-bound if you wish to promote blooming.

For a North Corner.—For a corner at the north of the dwelling, where the sun is entirely excluded, and the soil is of a sandy nature, Hydrangea paniculata will do as well as any shrub, and is entirely hardy. Around it may be planted the white Day Lilies (Funkia subcordata), and a border of Lily of the Valley. For an evergreen trailing plant for such position use the old-fashioned hardy Myrtle, Vinca major.

"Lady in Green," "Devil in the Bush," and "Love in a Mist" are common names of Nigella Damascena. The plants appear well massed together. The coal black seeds have a pleasing fragrance when rubbed. Sow in either fall or spring.

Mrs. W. A. Thompson, N. J.:—See article in "Brief Answers" in October number of this volume about Begonia rubra dropping its leaves.

QUESTIONS.

About Watering.—Please tell me whether Pelargoniums and Spotted Callas require considerable water or not? Can they be watered by filling the saucer, or is it injurious?—Mrs. H. A. Miller, Chicago.

Star Jessamine.—Will someone tell me the true name of a vine sent me as Star Jessamine, and whether it blooms in summer or winter.—Sophia E. Wilson, Cal.

ACKNOWLEDGMENT.—Mrs. J. H. Brandeburg, Montrose Co., Cal., please accept the Editor's thanks for a box of native Cactuses of various sorts. She writes: "If they live they will all bloom for you next May and June." They are all potted and their flowers will be anxiously awaited.

Tuberous Begonias, etc.—Dear Sisters:—I must tell you my experience with Tuberous Begonias. I got some bulbs in the spring, planted them as directed, and waited long for the Begonias, but no sprouts came. So I took them out of the soil, and lo there were the large sprouts where the roots ought to be. I had planted the bulbs upside down. Why are Gloxinias not more grown? This year is my first experience with them. I thought the foliage beautiful, but one has just come into bloom, and the flowers are exquisite. The Little Gem Calla is growing nicely and has multiplied so that it fills the pot. I hope it will bloom soon. Mrs. Rosa Batterlee.

Antrim Co., Mich., Aug. 13, 1894.

Those Extra Copies.—Sometimes through the kindness of the Editor we get more than one copy of the Magazine. These I always give either to one who loves flowers and may find so many helpful articles that she will feel she must subscribe and read the Magazine regularly, or to one who does not care much about floriculture to interest her in flowers and create a desire to make home more beautiful. Let those of us who write for our Magazine think of its varied readers and make every written word helpful and entertaining to some one. Then these extra copies scattered in so many, many homes will bring good cheer to our neighbors, and I hope add tenfold to Mr. Park's subscription list. S. E. Kelley.

San Bernardino Co., Cal., Aug. 13, 1894.

Dear Floral Friends:—My hobby is flowers. I began their cultivation on a small scale, and the more I worked with them the more my love for them increased. I have now about 100 varieties. I furnish a bouquet for the church every Sabbath, and one every day for the house and to give away. By soaking seeds of the Weather Plant in hot water I succeeded in getting one to germinate, but whether it will be able to foretell the weather I cannot say. One thing more, sisters, let us give our best support to Park's Floral Magazine. I have only known it for a short time, but am charmed with it. I think it the breeziest little book published, and never intend to do without it as long as I raise flowers, which I hope will be many years. Stephensville, Wis. N. P.

Dear Sisters:—Only a few of the hardy kinds of flowers are now in bloom to gladden our hearts in these pleasant October days. The others have budded and blossomed and made their exit, and will be seen no more until another season arrives. I wish I could describe to the readers of the Floral Magazine the gorgeous array that a ten-cent packet of seeds from Mr. Park gave us this summer. My flower garden has been an open book on botany all summer. Among the common varieties of annuals I find no more desirable flowers for long blooming than the Nasturtium. They also make very fine plants for winter-blooming, and if one does not wish to wait for them to grow from seed, by slipping off some pretty large branches and placing them in a can of pure water they will blossom the entire winter. No one need confine themselves to the old orthodox Geraniums for house plants, as we have a variety of annuals that will thrive in the house. The double Petunia, pure white and blotched purple, will fill a window with bloom all winter. The Snapdragon, if transplanted into pots is a free bloomer, as well as many varieties of the Pink family. Mignonette grows as freely in the house as in the garden. To my mind nothing makes a more lovely appearance than a window draped with Morning Glories. If sown now in sizable pots by midwinter they will bloom, providing the temperature of the room is kept right. A. C. B.

Meridian, N. Y., Oct. 5, 1894.

GOSSIP.

Mr. Park:—I received the plants in June, and was so pleased with them. They are all growing. The Grand Duke Jasmine and the Queen's Scarlet Rose have bloomed. The Roses you sent in July are all growing. Out of nineteen plants I have only lost one. If I had known you had such nice plants I should have sent to you before this. I have been so successful with those I received. I am perfectly delighted with them. Bella B.

Craven Co., N. C., Sept. 8, 1894.

Mr. Park:—As all the sisters go to you for their difficulties to be settled, I come to ask you how I shall keep my Cannas over winter. I got a package of seed in the spring, poured boiling water over them as directed, and planted in good soil in a box. After waiting more than a reasonable time, and again reading that they should be soaked till the covering came loose, I dug them up and soaked them, but few would loosen. I planted and waited again. I read again that the outer shell should be pierced through, so up they came again and with a penknife I drilled a tiny hole through the still flint-like shell, and again I planted and watered and waited for the Lord to give the increase. I was finally rewarded with three what I eagerly hope will some day be Cannas. They are now thrifty, stocky plants. As I do not now expect them to bloom this year I write to ask how I shall care for them over winter. If I take them up shall I cut them off?

Mrs. S. M. Goss.

Chehalis Co., Wash., Sept. 3, 1894.

[Ans.—The safest way to winter Cannas in a climate where the ground freezes is to pot the plants and keep them in a frost-proof place in a growing condition. Do not water so liberally as in summer. Some recommend French Cannas for winter-blooming. For this purpose seedlings that have not bloomed are desirable.—Ed.]

From Washington.—The hillsides here are covered with white Syringa, Spiræas, Clematis, Hawthorn and Shad-blossom. Purple Clematis grows wild, and a few miles north of here, in British Columbia, are sweet-scented Honeysuckles. In the Valleys are Cyclamen, Crocuses, Primroses, Lupins, Lillies, Snowdrops, and many other wild flowers for which we have no names. The beds of pink Sand Roses cover the ground on sandy knolls, and Sand Myrtle fills the air with its fragrance, and looks so bright and refreshing with its glossy green in the hot sunshine of July. I have seen little golden Buttercups every month in the year until last year, when we had snow eleven weeks, and this year we have had sleighing six weeks, yet the mercury has not been below 18° above zero. There is not wind enough to shake the snow from the Pines, and it stays until it melts. If anyone wants to come to a good country this is one. Our town is but four years old, situated at the only falls on the old Columbia River, and we have an academy already incorporated. 1,800,000 acres of splendid farming, grazing and timber land is soon to be opened up for settlement just across the river from this place, so there is room for all, while the markets are good on account of the mining in the mountains. Mrs. L. C. P. Haskins.

Kettle Falls, Wash.

Dear Mr. Park:—I think you would like to see a double Marigold raised from a packet of your mixed seed. It has fifty blossoms of an unusual size and deep orange in color, besides a goodly number of buds. I intend to take it into the house, as I cannot bear to have it frozen. Julia A. Kittredge.

Middlesex Co., Mass., Oct. 4, 1894.

Mr. Park:—This spring I had a large bed of lovely Pansies from plants raised last year, the prettiest Pansies I ever had. But just when the bed was one mass of "beautiful, innocent, happy faces," some very naughty

boys stole in one night and destroyed the whole bed. You don't know how bad I felt over it, and my friends who had often admired them experienced the same feelings over the wicked deed. All my choicest Pansies were uprooted, and the few left soon died from injury. Now, I want to start more this fall to bloom next spring, for I cannot do without my pets. Will you please tell me when they should be sown. Miss E. B.

Chester Co., Pa., July 30, 1894.

[NOTE.—Such a mean, atrocious act! See the bright, imploring faces of those Pansies in the moonlight, and the scowling, stealthy faces of those wicked urchins! Now, let the strong arm of justice appear, and you have before you a panorama of another phase of the group. But let us pity the boys with hearts so cruel as to conceive and execute such a deed. They do not come out of happy, flower-loving homes, and their actions doubtless reflect the influence of their home surroundings, and the training of their home firesides.

As to Pansies those started from seeds in August or early in September will come into bloom in autumn or early spring, and the plants will far surpass in vigor those raised from spring-sown seeds, while the flowers will be larger, handsomer and more numerous.]

QUESTIONS AND ANSWERS.

Convolvulus minor.—Mr. Park:—Please describe and name the flower of which I enclose a specimen, as we wish to have a bed of them next summer. It blooms during the day and closes at night. Mrs. D. W. Redding.

Wells Co., Ind., Sep. 11, 1894.

Ans.—The flower enclosed was of Convolvulus minor, commonly known as Dwarf Morning Glory. It is an annual, growing about a foot high, with bright flowers somewhat smaller than the common Morning Glory, though of the same shape. The plants are readily propagated from seeds, and soon come into bloom after sowing. Sow the seeds in the seed-bed early, and transplant ten or twelve inches apart.

Malva crisa.—Mr. Park:—I have a plant eight feet tall with crimped leaves like the enclosed. What is it?—Miss Mins, Iowa.

Ans.—It is Malva crisa. It is a valuable foliage plant, especially late in the season, as the leaves retain their rich green color till winter. It is easily raised from seeds.

THEY ENJOY THE MAGAZINE.

Mr. Park:—I am delighted with your Floral Magazine, and never want to be without it. Atlanta, N. Y. Mrs. J. A. A.

Mr. Park:—I hope never to be deprived of the Floral Magazine as long as I can care for things earthly. Mrs. E. J. Hall.

Stevens Co., Minn.

Mr. Park:—I am a subscriber to your Floral Magazine, and must say I am delighted with it. In every number I find something I was just wanting to know. Mrs. S. S. Kelley.

Santa Rosa, Cal., Sep. 28, 1894.

Mr. Park:—I have had your Magazine in my family ever since 1878, and the older numbers as I re-read them always seem new, they are so full of good advice and contain so many good suggestions. I like it better than any other Magazine I ever saw.

Washington Co., Ark. Mrs. C. D. Robbins,

QUESTIONS.

Cactus Graft.—Will some one tell me how to feed a Cactus stalk so that it will support the graft? The grafts on some of mine grow so fast that they take the strength from the stalks and kill them.—M. E. R., Kansas.

Rainbow Cactus.—Will someone give proper treatment of Rainbow Cactus? How often should it be watered?—Miss H., B. C.

Ivy Geraniums.—Will someone who is successful with Ivy-leaved Geraniums please write an article about their culture?—A. E. C.

Amaryllis Belladonna.—I got an Amaryllis Belladonna of a florist in the spring, potted it and watered slightly, then only occasionally to prevent rotting the bulb. It seems to be sound, but has not sprouted yet. Why is it? It was a dry bulb.—Mrs. Fowler, Pa.

Eucalyptus.—Is this tree hardy in Ontario, Canada?—L. C. U., Can.

Pleroma.—Please tell me how to treat Pleroma splendens to make it bloom?—J.

Amaryllis Equestris.—How shall I treat this bulb to succeed with it?—A. E. C., Md.

Cyclamen.—Will some one kindly tell me how to treat seedling Cyclamen?—Ignoramus.

Pine Apple Orchid.—Please inform me how old a Pine Apple Orchid must be to bloom?—Mrs. J. A. A., Atlanta, N. Y.

EXCHANGES.

Mrs. Stella Fowler, Drifton, Pa., will ex. Vallota purpurea and Crinum Finabriatum for Amaryllis and Crinums not in her collection; write.

Mrs. Emily Searles, Decoto, Cal., has Cacti, Geraniums, Violets, etc., to exchange for Begonias and Lilies; exchange lists.

Mrs. Julia Cantier, Aldino, Md., has plants to exchange for things suitable for Christmas gifts for little girls 10 to 12 years old; write.

Mrs. Lizzie Gibson, Richland, Wis., will ex. Hyacinths and seeds of pretty annuals for Per. Phlox and Ornithogalum.

Mrs. J. R. Hall, Freeman, Mo., has Iris, Tulips and Star of Bethlehem to exchange for Old Man and Lobster Cactus and Glechoma.

F. L. Portlock, 104 Main St., Norfolk, Va., has 15 varieties of Strawberries to ex. for bulbs; write.

Mrs. Melissa Hammond, Hastings Centre, N. Y., has Cacti and other plants to exchange for native Cacti from the West and Southwest.

Mrs. Hattie W. Brown, Webbs, Ky., has Water Hyacinth and white Per. Phlox 50 ex. for white Candidum Lily bulbs and colored Per. Phlox; write.

Mary Ingersoll, Potomac, Ill., has French Canas, Dahlias, Grape Hyacinth and Ornithogalum umbellatum to ex. for tender and hardy bulbs.

Mrs. Maggie DeShields, Lansfords Sta., S. C., has Lilies and hardy shrubs and vines to ex. for hardy bulbs and Clematis (except Coccinea).

SEND 10 CENTS for a Three Month's subscription to our floral Magazine and receive 1 Hyacinth, 1 Tulip, 1 Crocus. **YOUNG'S MAGAZINE CO.,** Latrobe, Pa. Mention Park's Magazine.

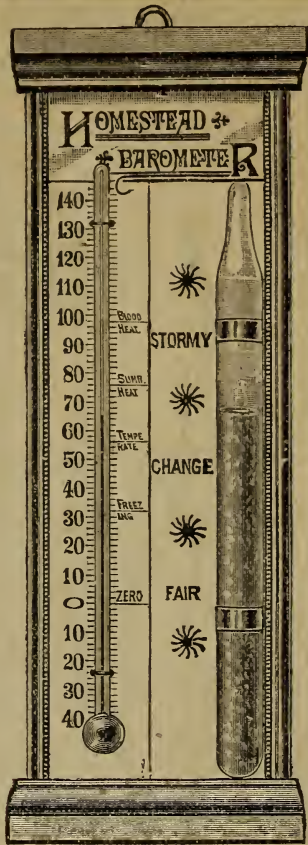
18 KARAT GOLD PLATE

LADIES' OR GENT'S SIZE.

CUT THIS OUT and send it to us with your name and address and we will send you this watch by express for examination. A Guarantee for 5 Years and chain and charm sent with it. You examine it and if you think it a bargain pay our sample price, \$2.50, and it is yours. It is beautifully engraved and warranted the best time-keeper in the world for the money and equal in appearance to a genuine Solid Gold Watch. Write to-day, this offer will not appear again.

EASTLAKE MFG. CO.,
Corner Adams and State Sts;
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Mention Park's Magazine.



Thermometers and Barometers.

The above is an illustration of a handsome Thermometer and Barometer combined, which I will supply at 25 cents each, or five for \$1.00, by mail, prepaid. The Thermometer will accurately indicate the temperature, while the Barometer will indicate fair weather or the coming of a storm. This instrument will be found very useful to the grower of plants and flowers, and its low price places it within the reach of all. I can also supply a handsome Thermometer alone at 15 cents each or seven for \$1.00. All by mail, postpaid, on receipt of price. Tell your neighbors and friends and get up a club. Address,

GEO. W. PARK,
Libonia, Franklin Co., Pa.

Left Over BULBS FOR ALMOST NOTHING.

I bought too heavily this year, (especially of named Hyacinths of finest sorts and largest size) and will make up **Mammoth Collections** of many finest kinds for \$1.00, postpaid. (Nothing less taken on this Special Offer.) If you order by Express, I will send an **Enormous Lot for \$1.00.** Orders received now and filled in rotation Nov. 15th. My selection, but you may say whether for in or outdoor planting. State if by Mail or Express. I am going to Astonish you, for I want to make customers **BEN HAINS, New Albany, Ind**

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A POOR MAN

Need not wait until he becomes rich before he buys a Piano or Organ. Under our system he

CAN BUY

one at once, without inconvenience. We can at once prove that we sell

PIANOS AND ORGANS

upon terms to suit the circumstances of rich and poor—farmer or merchant; in fact, all sorts and conditions of men. How can we do it? Write at once for our Piano and Organ book—it is Free.

We have Pianos from \$175.00. Organs from \$27.50. Cash or easy terms. Don't wait another moment, but send for our Catalogue.

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Girl Jointed & Boy Doll with Suit, Free.

Bright inventors, artists, and mechanics have been at work for years trying to perfect low-price, **jointed indestructible dolls** that can be made to sit down, bend over, stand on their heads, move arms and legs, and be placed in all sorts of cute positions, either when dressed or undressed. The doll shown in cut, just patented, is a most wonderful and successful result of long, weary trials. They are beautifully finished, and, being jointed, can be placed in any natural position. **The Dressed Boy Doll**, made in same manner, not jointed, but with fancy suit of clothes to match, consisting of pretty cutaway coat, fancy shirt, blouse waist, and a fine pair of pants, so you can dress and undress. It is a wonderful bargain, and just out. They will last for years. Are more life-like than anything ever gotten out before. Best of all, they are sold cheap, as you can fill with bran, sawdust, or cotton, and easily sew them up. We will not take one boy or girl, all charges paid, if you send 12c. now for a three months' subscription to

12 INCHES TALL.



a cute little Pug Dog pup; boy and suit, girl and pug, all for 25c. Over a million of the articles will be sold the next few months, and we give you the chance to get samples early and make money taking orders. Boys and girls assorted, 5 for 50c. Order a dozen and 4 pugs for one dollar. Just the thing for church fairs and the like. One agent sold one thousand. Address "Comfort," Box 845, Augusta, Me.

FREE

COMET FOUNTAIN PEN

As a sample of our 1000 BARGAINS we will send FREE this Hard Rubber Fountain Pen, Warranted a perfect writer, & immense Ill. Bargain Catalogue, for 10c. to cover postage.

ROBT. H. INGERSOLL & BRO., 65 Cortland St., N. Y. City.

Mention Park's Magazine.

ANY LADY

can easily make \$18 WEEKLY working for us quietly at home. Position Permanent, and if you can only spare two hours per day, don't fail to investigate. Reply with stamped envelope, MISS LUCILE M. LOGAN, Joliet, Ill

Mention Park's Magazine.

DOLL PATTERNS. Ten nice ones for only 6c. stamps. J. Adna & Co., Kansas City, Mo., Mention Park's Magazine.

From Foreign Lands.

Dear Mr. Park:—Your Magazine, which I much prize, together with the premium package of seeds and bulbs reached me several weeks ago. Of the bulbs all except *O. lutea* came on nicely. The Tuberosa, *Hemerocallis* and *Pancratium* are making good growth, but the *Gloxinia* and Tuberos *Begonias* failed, I think because the conditions were not right, for they seemed in good shape when they came. From seeds sown I have a lot of *Thunbergias*, and I am anxious to see the various-colored flowers, as the one indigenous here has the brown centre. I have also *Cyclops Pinks*, *Ivy-leaved Cypress*, *Maurandya*, and several others, but am reserving most of my seeds to sow later when the rainy season is over. I have both bulbs and seeds in mind that I wish to send for when the right time comes, so shall let you hear from me again if Providence permits.

Mrs. C. D. King.

Gauhati, Assam, India, July 21, 1894.

[NOTE.—This esteemed flower-lover is an Assam missionary in India, and finds a solace in that hought, far-distant land in the culture of the flowers from the home gardens. Living isolated from the enjoyments of refined society and especially from the companionship of her children, who are in America for education and training, the Editor can assure her of the hearty sympathy and fellow-feeling of the many thousands of Magazine readers interested in missionary work as well as in flowers.—Ed.]

Good News—Wonderful Cures of Catarrh and Consumption.

Our readers who suffer from Lung Diseases, Catarrh, Bronchitis and Consumption, will be glad to hear of the wonderful cures made by the new treatment known in Europe as the Andral-Broca Discovery. Write to the New Medical Advance, 67 East 6th Street, Cincinnati, Ohio, and they will send you this new treatment free for trial. State age and all particulars of your disease.



A SELF-MOVING LOCOMOTIVE, 15 CENTS.

Handsome finished, made of metal, strong wheels, gilt boiler, black smoke stack, bright colored cab with 4 windows. When wound up runs long distance across floor. Great amusement to children. By far the cheapest locomotive made, and a marvel of strength and beauty. Parents should buy one for the children. Mention this paper, and send 15 cents in stamps, and we will send Locomotive, and our story paper, 3 months, post-paid. M. A. WHITNEY, Box 1189, Boston, Mass.

CHILDREN'S CORNER.

Dear Mr. Park:—I am a little girl 12 years old, but I take the pleasure of writing you a few lines about the flower seeds that I got of you last spring. They did exceedingly well. I have all the varieties except one, the Butterfly Schizanthus. All the others are in bloom and have been for some time. People admire them very much.

Gertha E. Bradley.

Sussex Co., Pa., Sept. 8, 1894.

Dear Mr. Park:—I got your ten-cent seed collection late, but planted them deep, and everything is up and doing well. Morning Glory vines are rank and very pretty, but not yet in bloom. One sweet-scented plant has double pink fragrant flowers, and there are many more to bloom. I like the Guide and Magazine.

Ada S. Barnes.

Calloway Co., Mo., July 6, 1894.

Mr. Park:—I am 13 years old, and am much pleased with your Magazine. I have a white double Violet which has had an abundance of blossoms, but they curl down around to the ground and do not come out. There are blossoms coming on it now. Will they bloom as it gets colder? Shall I leave them out in the ground or take them in. I would like to know why they don't bloom.

Isabel Tinker.

Lawrence Co., Pa., Oct. 9, 1894.

Ans.—It is common for Violets to develop seeds without "blooming" during summer. This is especially true of the wild blue Violet which always blooms so freely in the spring. If the plants are left undisturbed they will doubtless bloom at the proper season.—Ed.

850,000 GRAPE VINES

100 Varieties. Also Small Fruits, Trees, &c. Best root-ed stock. Genuine, cheap. 2 sample vines mailed for 10c. Descriptive price-list free. LEWIS ROESCH, Fredonia, N. Y.

Mention Park's Magazine.

ONE YEAR TRIAL

2 HUNTING CASE GENTS' OR LADIES' SIZE FREE



A fine 14k gold plated watch to every reader of this paper. Cut this out and send it to us with your full name and address, and we will send you one of these elegant, richly jeweled gold finished watches by express for examination, and if you think it is equal in appearance to any \$25.00 gold watch, pay our sample price, \$2.95, and it is yours. We send with the watch our guarantee that you can return it at any time within one year if not satisfactory, and if you sell or cause the sale of six we will give you **Cash Free**. Write at once as we shall send out samples for sixty days only. Written guarantee for 5 yrs sent with each watch.

CHICAGO WATCH CO.,
281 Wabash Ave.
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FREE CURE.

Kidney

Liver & Urinary Diseases.

or if you will send us Ten Cents (postage stamps will do) to pay express charges, we will send you One Bottle by express, prepaid, **FREE**. We know **ALKAVIS** is a Positive Cure, and we send it Free to prove its wonderful effects. Give your Post-office and nearest Express Office. Address, **THE CHURCH KIDNEY CURE CO., 418 Fourth Avenue, New York.**

When answering this advertisement please mention Park's Floral Magazine.

DE LAVAL CREAM SEPARATORS

Address, for catalogue and particulars,
Or **THE DE LAVAL SEPARATOR CO.,**
ELGIN, ILL. 74 Cortland Street, New York.
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The Grandest Offer and Choicest Collection ever made. All healthy bulbs for winter blooming or spring garden, grown for us by an old, reliable seed firm. Everybody's favorites, including Chinese Sacred Lily, Hyacinth, Tulip, Freesia, Crocus, Narcissus, Anemone, etc., forming our Grand Prize Collection. If you will send us **ONLY 16 CENTS**, cash or stamps, we will send you our Popular Magazine for the home circle, for four months, and to each subscriber we will also send free, six bulbs, named above; or send us two times, (**22 CENTS** in stamps), and we will send Magazine 4 months, and our Grand Prize Collection of 13 bulbs free, all named. We want to double the circulation of our Popular Monthly, which has now nearly 50,000 subscribers. We guarantee to please, or cheerfully refund money and make you a present of all. 6 collections and 6 sub. for \$1.00. Add. Popular Monthly, 7 Water St., Room 601, Boston, Mass.

3 Lovely Named Hyacinths,

Different Colors, for blooming in pots, sent by mail, postpaid, **For 10 Cents** together with our beautifully illustrated Catalogue of Hyacinths, Tulips, Lilies, and other Bulbs, Plants and Fruits for fall planting and winter blooming and a sample copy of the Mayflower, 40 pages, elegantly illustrated with two beautiful large colored plates. All for 10 cts., postpaid.

JOHN LEWIS CHILDS, Floral Park, N. Y.

Mention Park's Magazine.

A "YARD OF FLOWERS" FREE.

Send us 25 cents (stamps taken) for six months' subscription to **THE GARDENER'S MAGAZINE**, and we will send you a "Yard of Poppies" (or Pansies) in all their beautiful colors Free. Address, **J. F. INGALLS, Lynn, Mass., Box 52.** Mention Park's Magazine.

SMITH & WESSON 32 CARTRIDGES USED EITHER ON BOTH REVOLVERS OR RIFLES. SENT C.O.D. BY EXPRESS AND EXAMINATION ALLOWED. ADDRESS EASTLAK MFG. CO. CHICAGO, ILL.

AUTOMATIC SHELL EXTRACTOR DOUBLE ACTION \$3.30

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Mention Park's Magazine.

OUR 1895 "PEERLESS" STAMPING OUTFIT FREE

Over 50
Elegant
Patterns.



The Ladies' World is a mammoth *Illustrated* magazine, each issue comprising 20 or more large pages, including a handsome cover, and is devoted to stories, poems, ladies' fancy work, artistic needlework, home decoration, house-keeping, fashions, hygiene, juvenile reading, etiquette, etc., etc. It is one of the best and most popular of Ladies' Magazines, having a circulation of over 350,000. Its publishers, wishing to introduce it into thousands of homes where it is not already taken, now make the following unprecedented offer: Upon receipt of only 15 cents in postage stamps, we will send The Ladies' World for Three Months, and to every subscriber we will also send, *Free and postpaid*, our new 1895 "Peerless" Stamping Outfit, containing a great variety of new patterns, as follows: 1 Old English Alphabet, 1 in. high; 1 set Figures, 0 to 9; 1 design for Stocking Bag, 10x13 in.; 1 set of 4 designs for Doilies, 4x4 in.; 1 design for Baby Blanket, with Daisies, 11x13 in.; 1 design for Tulips with bow-knot, 7x8 in.; 1 design Butterflies, 8x9 in.; 1 Houston design, 5x5 in.; 1 corner design for cut work, 6x6 in.; 1 Floral Outline design, 6x3 in.; 1 Floral design, Star of Bethlehem, 5x8 in.; 2 Braiding designs, 4 and 5 in. wide; 1 design for Applique, 4 in. wide; 2 designs for Pillow Shams, "Good Night" and "Good Morning"; 1 design for Flannel Skirt, 2½ in. wide; 1 Bird, 3x½ in.; 1 set of 4 designs for Tray Cloth; 1 Outline design of Girl, 5 in. high, and 27 other beautiful designs, making in all over 50 artistic patterns besides the alphabet and set of figures, performed on the best quality of Bond or Parchment Paper, which can be used indefinitely without injury. With each Outfit we send free our Book of Complete Instructions for doing stamping, also for making Blue, Black and White Powder and Distributor. The patterns contained in this Outfit would cost over \$2.00 if purchased singly, yet we send the whole free to anyone sending 15 cents for a 3-months' subscription to our magazine. Five subscriptions and 5 Outfits will be sent for 72 cents. Do not miss this chance! Satisfaction guaranteed.

As to our reliability, we refer to any publisher in N. Y. Address: S. H. MERRILL & CO., 37 Park Place, New York.

Mention Park's Magazine.



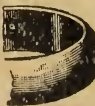
14 KARAT GOLD FILLED

Watches Almost Given Away. **OUT THIS OUT** and send it with your order and we will send this beautiful 14 karat Gold Plated Watch to you by express for examination. You examine it at the express office, and if you don't think it the most extraordinary bargain you ever saw leave it and you will be nothing out but your time in looking at it. On the other hand, if you think it a bargain and equal in appearance to the best 14 karat gold filled watch you ever saw, pay the express agent our Special price, \$3.50 and it is yours. With the watch we send a full guarantee and our big catalogue of gold and 14 karat gold filled watches, at prices which are almost giving them away. The watch we advertise here is stem-winder and setter, magnificently engraved and fully guaranteed. Send in your order while they last; we cannot afford to sell many at this price.

Address,

THE NATIONAL MFG. & IMPORTING CO.,
334 Dearborn Street, Chicago, Ill.

Mention Park's Magazine.



1 Mail False **Mustaches** for 70c., Gontes Co., Full Beards 50c., under Chin or Side Whiskers 40c. Buffalo Bill, Negro, Irish, Ladies or Bird Wings 75c. each. Mention color. **DO** you want one of these heavy Rolled Gold Rings? Send size of finger and 10c. in silver for postage, etc., and I will mail you one with large catalogue of Rings, Trunks, etc. free. Agents make big pay. C. E. Marshall, Lockport, N. Y.

Mention Park's Magazine.

EXCHANGES,

Mr. B. M. Frisbee, Middleburg, Fla., will ex. Water Hyacinths for Lilies and bulbs.
Mrs. D. Carey, Westport, N. Y., will ex. mixed large double Poppy seed for any other flower seed.
Mrs. M. Lee, Maurice, Iowa, will ex. Mochaया Bells, Smilax or Mexican Primrose for Yellow Calla, Chinese Sacred Lily or Otahete Orange.
Mrs. L. C. Torbert, Minden, Kan., has seeds and Water Hyacinth, Parrot's Feather, Bryophyllum and Air Plant to ex. for house plants; don't write.
A. O. Gillespie, Lancaster, Pa., will ex. Cotton and Morning Glory seeds for bulbs or other seeds.
Mrs. A. D. Phillips, Holliston, Mass., has silk, velvet and satin pieces to exchange for lady's hats.
Lizzie D. Traber, B-n-tonville, Ohio, will ex. double blue Hyacinth bulb for bulb of double red, double white or double pink Hyacinth.
Mrs. S. J. Kelso, Jeannette, Fla., will ex. Roses and tender plants and bulbs for tender bulbs and Cactuses not in her collection; exchange list.
Maggie L. Peck, 224 Dickinson st., Phila., will ex. seeds of Maurandyя Barclayana for dwarf and scarlet Sage, yellow Torenia or white Mauradyя.
Mrs. S. S. Kelley, 732 Orchard St., Santa Rosa, Cal., has Passion Vine, Solanum Jasminoides and seeds to ex. for hardy bulbs and tuberous Begonias.
Mrs. H. Dakin, Salisbury Furnace, Va., has pink tuberous Begonias and crochets of lace to ex. for calico scraps, 5x8 inches in size, no two alike.
Mr. Hatlie Thomas, 224 Hinton St., Petersburg, Va., will ex. good reading for perennial seeds, tender and hardy bulbs and house plants.
Mrs. W. B. Walker, Cheaning, Mich., will ex. Carnation, Nicotianas, Calceolias, and Snapdragon seeds for bulbs or other seeds.
Mrs. Jessie Boyer, Hartsel, Col., has beautiful pressed Ferns to ex. for slips or bulbs.
Mrs. Polk Hull, Spikenard, Ore., has Jasmines, Fuchsias, Oxalis, Hardy Lilies and Cactuses to ex. for silk, worsted scraps, etc.
Mrs. M. Conger, Castle Rock, Wash., will ex. Pansy, Phlox and other seeds for hardy bulbs.
Mrs. D. W. George, Gold Hill, Nevada, will ex. Poppy seeds and Hollyhocks for pretty early-flowering seeds or Lily bulbs.

INCUBATORS Send 6 cts in stamps and Catalogue explaining PROFITABLE POULTRY Address: Reliable Incubator and Brooder Co., Quincy, Ill. Mention Park's Magazine.

DOUBLE BEECH LOADER \$5.00 **GUNS** **BICYCLES \$15** All kinds cheaper than elsewhere. Before you buy send stamp for 60 page catalogue. **POWELL & CLEMENT CO.** 160 Main St., Cincinnati, O. Mention Park's Magazine.

LADIES, If you have superfluous HAIR ON THE FACE

Send for new information how to remove it easily and effectually without chemicals or instruments. Correspondence confidential in plain sealed envelope. Mrs. M. N. PERRY, Box 93, Oak Park, Ill. Say you saw this in Park's Floral Magazine.

without



EUREKA
BED-CLOTHES
FASTENER.

No colds, no anxiety; comfortable. Won't tear clothes. 50 cents postpaid. A chance for agents. Sells tight. Circular free. J. C. Dewey, P. O. Box 2816, New York.

with




Mention Park's Magazine.

EXCHANGES.

R. D. Hay, Winston, N. C., will exchange Indian relics and novels for Hyacinth bulbs; one novel for every three bulbs.

Mrs. H. Long, Bexar, Tex., will exchange native Cacti and seed of Elephant Tree for Old Man Cactus and Bishop's Cape.

Mrs. Winifred Sawchell, Verbena, Ala., will ex. seeds of *Oenothera crispata* for cuttings of Carnation Plinks or Fancy-leaved Geraniums.

J. A. Atkinson, Grand Junction, Col., has white Datura to ex. for Fuchsia, Manettia, Water Hyacinth, Begonia, Parrot Feather, or Fartugium.

Mrs. A. O. Yoakem, Summit Hill, Ohio, will ex. pretty cape, tea gown or wrapper patterns for bulbs or well rooted plants.

Mrs. C. H. Stone, N. Ferrisburgh, Vt., will ex. two Crinum Klirkil bulbs for 4 lbs. petrified wood, or onyx, chalcedony, etc.; write first.

Mrs. E. Applegate, New Egypt, N. J., will ex. rooted Begonia, Lycopodium and Ferns for rare plants and wash embroidery silk.

G. A. Parks, P. O. Box 1, N. Y., will send complete directions for raising Grape vines from cuttings for three plants or bulbs.

Mrs. W. S. Robinson, 25 Ocean ave., Flatbush, L. I., has fine house plants to exchange for others.

Thos. J. Haines, Three Rivers, Mich., has fine Gladiolus bulbs to exchange for Tulip, Crocus or Narcissus bulbs for exchange.

Mrs. C. E. Ball, Bliss, Neb., has Yucca and two kinds of native Cacti to ex. for plants, bulbs or anything useful; send your exchange.

Miss Anna Hickox, Panhandle, Tex., has Cacti and Prickly Pear to ex. for Roses and house plants, also Prickly Pear seed for other flower seed.

Mrs. L. Samuel, Lawrence, Kas., has novels to ex. for choice winter-blooming bulbs or plants or scraps for fancy work.

Mrs. May Powell, Arletta, Wash., will ex. garden plants, shrubs and bulbs for fancy work.

Do You Have Asthma?

If you do you will be glad to hear that the Kola plant found on the Congo river, West Africa, is reported a positive cure for the disease. The Kola Importing Co., 1164 Broadway, New York, have such faith in this new discovery that they are sending out free by mail large cases of the Kola Compound to all sufferers from Asthma, who send their name and address on a postal card. Write to them.

Mothers! Mothers!! Mothers!!!

Mrs. Winslow's SOOTHING SYRUP has been used for over fifty years by millions of mothers for their children while teething, with perfect success. It soothes the child, softens the gums, always all pain; cures Wind Colic, and is the very best remedy for Diarrhoea. Sold by Druggists in every part of the world. Be sure and ask for "Mrs. Winslow's Soothing Syrup," and take no other kind. Twenty-five cents a bottle.

Free to Suffering Women.

A lady who suffered for years with painful periods, leucorrhoea, displacements, and other irregularities was finally cured by a mild balm in the privacy of her own home, and will send it free to any lady who will send her name and address to Mrs. E. Sovereign, South Bend, Ind.

A safe, simple home treatment that cured me after years of suffering with uterine troubles, displacements, etc., sent free to ladies, with full instructions how to use it. Address with stamp, Mrs. Rev. A. M. Turner, South Bend, Ind.

RUPTURE Sure cure at home; (sealed) book free. Dr. W. S. Rice, Box 259, Smithville, New York

LADIES MAKE GOOD WAGES writing for me at home. Work ready to send. Enclose stamp, MARIE WALLACK, South Bend, Ind. Mention Park's Magazine.

WORK FOR ALL. \$15 a month salary and expenses paid. If you want employment write at once to P. O. VICKERY, Augusta, Maine. Mention Park's Magazine.



FREE TO SUFFERING WOMEN.

I suffered for years with uterine troubles, painful periods, leucorrhoea, displacements and other irregularities, and finally found a simple, safe home treatment, that cured me without the aid of medical attendance. This is no quack doctor's medicine; but nature's own remedy for women. It costs nothing to convince yourself of its merits, for I send it free with full instructions how to use it, to every suffering woman. Address MRS. D. L. ORME, Box A, SOUTH BEND, INDIANA.



W. P. HARRISON & CO., Clerk No. 12, Columbus, O.

General or local Ladies or gents. Agents. \$75 a week. Exclusive territory. The Rapid Dish Washer. Washes all the dishes for a family in one minute. Washes, rinses and dries them without wetting the hands. You push the button, the machine does the rest. Bright, polished dishes, and cheerful fires. No scalded fingers, soiled hands or clothing. No broken dishes, no mms. Cheap, durable, warranted. Circulars free.

SALESWOMEN We have an original, legitimate, much-needed article which sells best during hard times, because it saves money and suffering. Women and men without any experience whatever are now making from \$15 to \$30 per week without neglecting their home duties; no capital required; full particulars, free samples, and references in your own State and ours by mail. Address Box Y, 1692, Boston, Mass. Only those seeking respectable, profitable, and permanent home employment need apply.

TRUSSES on 30 Days Trial. Easy, durable and cheap. A radical cure effected. Send for sealed catalogue. EGGLESTON TRUSS CO., Mason Temple, Chicago, Ill. Mention Park's Magazine.

HAIR REMOVED Permanently, root and branch, in 5 minutes, without pain, discoloration or injury with "Pills Solveme." Sealed particulars, 6c. Wilcox Specific Co., Phila., Pa. Mention Park's Magazine.

FAT FOLKS reduced 15 lbs. a month; any one can make remedy at home. Miss M. Ainley, Supply, Ark., says, "I lost 60 lbs. and feel splendid." No starving. No sickness. Particulars (sealed) 2c. HALL & Co., D.L. Box 404, St. Louis, Mo. Mention Park's Magazine.

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LADIES Mail 2c. stamp for sealed instructions how to enlarge your bust 5 inches, by using "Emma's Bust Developer." Guarantee 24 days. Illustrated catalogue for 6 cents. Address EMMA TOILET BAZAR, 22 1/2 Tremont Street, BOSTON, MASS. Mention this paper.

A WOMAN'S SUCCESS For two years I have made \$25 a week at home. Instructions FREE to lady readers. Send stamp. (No humbug!) MRS. J. A. MANNING, Box 19, ANNA, OHIO.

LADIES! A friend in need is a friend indeed. If you want a regulator that never fails, address, THE WOMAN'S MED. HOME, Buffalo, N. Y. Mention Park's Magazine.

A REMARKABLE OFFER. Send TWO 2-CENT postage stamps, a lock of your hair, name, age and sex, one leading symptom, and I will write you a clairvoyant diagnosis of your disease FREE. Address, J. C. BATDORF, M. D., Grand Rapids, Mich. Mention Park's Magazine.

AFTER THE BALL This famous song and One Hundred and Fifty-Six Other Latest Songs or new Day including "A-B-O-O-DE-AY," "COMRADES," "LITTLE FISHER MAIDEN," ETC. Words and Music, postpaid, only Ten Cents. GEM NOV. CO., B 28, Frankfurt, Ind.

