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## T We Purpose of This Catalogue:

Autumn, 1896.

This, our Autumn Catalogue of Bulbs for House Culture and Bedding, we have endeavored to make especially interesting, both as to correct descriptions of varieties, and simple, comprehensive cultural directions.

We will not waste the valuable time of our customers with lengthy introductions and idle encomiums relative to ourselves and the superior quality of our stock, simply stating that the Bulbs, Seeds, and Plants offered in this catalogue are of the first=class only, Bulbs fully matured which will, if directions are followed, produce satisfactory results.

When Ordering Bulbs, etc., kindly conform with the following brief rules:
ALL COMMUNICATIONS should be addressed direct to the firm, and not to any of the employes. If the special attention of any man in the establishment is desired, if so stated in the letter, it will be referred to him.

REIITTANCES may be made either by check, express, or post-office money order, bank draft or money in registered letter. Postage stamps, preferably of the one and two cent denominations, are accepted for small amounts.

ORDERS are best made out on the order sheet inclosed in each catalogue. Name and address should be written plainly, and full shipping directions given if there is any preference. Where directions are not given, we send the best and cheapest way. Orders should be sent as early as possible

## - PREMMUMS.

With every order we include, free of charge, a valuable premium of Seeds or Bulbs, amounting to about 50 per cent. of order. In every instance, however, we reserve the right to make OUR OWN SELECTION. These premiums are not old, dead, or decayed bulbs, but the same first-class quality as sent on regular orders. that they may have our best attention. POSTAGE AND EXPRESS CHARGES. All bulbs offered in this catalogue are delivered free of extra charge at single and dozen prices.

NO CHARGE IS MADE for packing, boxes, baskets or barrels, nor for delivery at the station of the transportation company. Cloth bags only are charged for, and they at cost -peck, 10 cts.; $1 / 2$ bus. 12 cts. ; bus. 15 cts. ; 2 bus. 20 cts.

COIPLAINTS, if any, should be made at once on receipt of goods. Mistakes will sometimes happen, be as careful as we may. We want all such reported, and will try to rectify them.
HEAD GARDENERS AND ASSISTANTS. We have at all times on our employment register the names of several intelligent, experienced and reliable men for such positions, and will be pleased to put them in communication with any lady or gentleman desiring their services.

WARRANTY. While we exercise the greatest care to have all bulbs and seeds pure, fresh, and true to name, we give no warranty, express or implied, in regard to the crop.

## PITCHER \& MANDA, anc.)

## UNITED STATES NURSERIES,

# PITCHER \& MANDA, mc <br> Nurserymen, Seedsmen $\therefore-\quad$ and Florists. 

Name

Post-Office $\qquad$ Express Office
(If different from P. O.)
State
County $\qquad$

To be Shipped by
Amount Enclosed: Cash, \$ $\qquad$ ; P.-O. Order on Short Hills, N. J. ;

Postal Note, $\$$ $\qquad$ ; Check, $\qquad$ ; or send C.O.D., $\$$ $\qquad$
$\qquad$
All plants sent out are guaranteed true to name; but while we exercise the greatest care to have all seeds and bulbs pure and reliable, we can give no warranty, express or implied. If the purchaser does not accept the goods on these conditions, they should at once be returned, and the money paid for the same will be refunded.

If more than one express company runs to your place please designate by which we shall ship.

## Date.

# Colicecions of Bullis for Everiy Purpose at Special, Retucead Prices. 

## We Prepay the Postage or Expressage on all these Collections.




SINGLE DUTCH HYACINTH.

## angindaunal"!

Collection.

A beautiful assortment in many varied forms. A wide range of varieties at special low rates.

Bicolor Horsfieldii, In= comparabilis stella alba Poeticus, Bulbocodium, Trumpet Maior, Alba Plena, Odorata, Double Incomparable, Orange Phœnix, Von Sion, Dou= ble Roman, Paper White and Chinese Sacred Narcissus.

13 Varieties, Postpaid, For 50 cts.
coccens



Following is an itemized list of the contents of this beautiful and unique assortment, showing the cost if purchased at catalogued rates and the great reduction we have made for the purpose of securing new customers.
1 Single Dutch Hyacinth, Robert Steiger,

1 Single Dutch Hyacinth, Marie, bright
blue..

Single Dutch Hyacinth, Alba superbis-
sima, pure white............
Double Dutch Hyacinth................ $\qquad$ Single Tulip, Queen Victoria, white $\qquad$ Single Tulip, Yellow Prince, yellow
1 Double Tulip, Duc van Thol, red and yellow
Double Tulip, La Candeur. white.
Double Tulip, Yellow Rose, yellow.
Narcissus, Paper White.......
$\qquad$
Narcissus, Butter and Eggs.
Narcissus, Von Sion.
$\qquad$\& Narcissus, Butter and Eggs.
$\qquad$
Narcissus, Incomparable Stellä alba.
Narcissus, Poeticus ornatus.
Roman Hyacinth, white.
Roman Hyacinth, blue.
1 Roman Hyacinth, rose...
ow....
$\qquad$

Roman Hyacinth, yellow.
6 Freesia refracta alba.
6 Sweet-scented Jonquils.
1 Bermuda Easter Lily
1 White Calla, or
.08

1 Chinese Sacred Lily
1 Trumpet Lily.
1 Black Calla
1 Arabian $S$ tain of Bethlehem. 2 Crocus, white 2 Crocus, blue. 2 Crocus, purple 2 Crocus, striped 2 Crocus, yellow 1 Allium neapolitanum................. 1 Bermuda Buttercup Oxalis......... 1 Persian Ranunculus....................... 1 Anemone Fulgens.
 rieties, at
amount to

Delivered at your door, all charges prepaid, for
$\$ 1.50$.

Banner
Collection or Gorgeous Hyacinths.


9 Large, Strong Bulbs, 3 each of 3 colors in 9 dis= tinct named varieties, tinct named varieties, SNOWDRIFT HYA= CINTH. All correctly labeled. Value at regu= lar prices, $\$$ i.oo.

Postpaid for 75 cts .

## P. \& M.'s Cottage Collection <br> - OF - <br> ...HARDY BULBS FOR BEDDING...

## 275 Strong Bulbs prepaid by express for $\$ 250$,

(VAHUE AT RREGUHAR RRATES \$5.16.)
Perfectly Hardy: Will withstand the winter in any part of this country. The Greatest and Most Elaborate Variety Ever Offered at the above Low Price.

## ....LESS THAN 1c. EACH AND EXPRESSAGE PREPAID AS WELL....


#### Abstract

As will be seen from the itemized list given below, these bulbs which are of FIRST QUALITY ONLY, would cost at regular rates if bought separately, $\$ 5.16$, thereby affording the customer a saving of $\$ 2.66$, and securing a superb collection of bulbs, which will turn his garden into a bower of beauty during the spring months.


1 HYACINTH, Single Light Blue . $\$ 005$
1 HYACINTH, Single Dark Blue. . 05
1 HYACINTH, Single Red. . . . . 05
1 HYACINTH, Single Rose . . . . 05
1 HYACINTH, Single Pure White : 05
1 HYACINTH, Single Blush White. 05
1 HYACINTH, Single Yellow . . . 05
1 HYACINTH, Double Light Blue . 05
1 HYACINTH, Double Dark Blue : 05
1 HYACINTH, Double Red . . . . 05
1 HYACINTH, Double Rose . . . . 05
1 HYACINTH, Double Pure White. 05
1 HYACINTH, Double Blush White 05
1 HYACINTH, Double Yellow . . . 05
1 FEATHERED HYACINTH ... 05
1 GRAPE HYACINTH, . . . . . 03
12 TULIPS, Scarlet. . . . . . . . . 15
12 TULIPS, White . . . . . . . . . 20
12 TULIPS, Rose . . . . . . . . . 30
12 TULIPS, Yellow . . . . . . . . . 35
12 TULIPS, Striped . . . . . . . . 20
12 TULIPS, Violet . . . . . . . . . 20
5 TULIPS, Bizarres Mixed . . . . 15
5 TULIPS, Gesneriana. . . . . . . 15
1 NARCISSUS, King of Daffodils . 106 NARCISSUS, Incomparable StellaAlba$\$ 013$
6 NARCISSUS, Poeticus ..... 07
2 NARCISSUS, Trumpet Major ..... 08
2 NARCISSUS, Alba Plena Odorata ..... 04
2 NARCISSUS, Double Incompar- able ..... 06
1 NARCISSUS, Orange Phœnix ..... 04
1 NARCISSUS, Von Sion ..... 05
6 JONQUILS, Campernelle ..... 10
12 CROCUS, White ..... 10
12 CROCUS, Yellow ..... 10
12 CROCUS, Blue ..... 10
12 CROCUS, Purple ..... 10
12 CROCUS, Striped ..... 10
1 LILIUM LONGIFLORUM ..... 10
1 LILIUM CANDIDUM ..... 10
12 CHIONODOXAS ..... 25
2 ERYTHRONIUM DENS CANIS. ..... 06
1 CROWN IMPERIAL ..... 10
25 IRIS, mixed colors ..... 25
12 RANUNCULUS, mixed varieties ..... 20
24 SCILLA SIBERICA. ..... 30
12 SNOW DROPS, mixed varieties .

275 BULBS, IN 47 DIFFERENT VARIETIES, COST AT REGULAR RATES $\$ 5.16$


## HYACINTHS.



By careful management, Hyacinths may be had in bloom from early winter to the end of May, and their handsome spikes and great variety of colors, combined with their easy culture, recommend them to every one.

## For winter bloom=

 ing they may be grown either in soil in pots, or in water. The soil best suited is a mixture of fibrous loam, manure and sand, and the bulb should be planted to only half its depth. The pots should then be buried in the soil or covered with leaves until the roots have made a good growth. Before the ground freezes solid they should be brought into a cool and dark cellar, from which they may be taken a few at a time into the warmth and light of the living room, when they will soon throw out their flower spikes.For culture in glasses, it is best to choose only the single named varie ies of strongest growth, to secure the best satisfaction. The water should be soft or rain water, and the bulb supported so that only its base touches the water. By putting a few pieces of charcoal in the water it will not become offensive, or it may be changed occasionally. The bulb should be kept for about two weeks in a cool and dark room until the roots have made a start, when they can be brought into light and air.

For open air blooming, the bulbs should be planted in the autumn in a well-enriched, light garden soil, about 4 inches below the surface of the ground, and about 9 inches apart each way. They will require no further attention, except to cover the beds, after the ground is frozen, with a layer of leaves or evergreen boughs, and even this is unnecessary in most situations.

## Selected Named Single Hyacinths.

The named Hyacinths, especially the single varieties, are of
glass culture. stronger growth, and are especially recommended for pot and

## SINGLE RED AND PINK.



> We Prepay 8
> Expressage
> or
> Postage on
> Hyacinths
> at each and
> dozen
> Prices.
> 800030t 0003005s

| Each | Doz |  | 0 10 \$15 |  |
| :---: | :---: | :---: | :---: | :---: |
| 10 | \$0 90 | Hord Macaulay. Bright crimson-carmine\$0 10 \$1 15 |  |  |
| 10 | 115 | Mraria Cornelia. Light rose; fine truss; | 0 |  |
| 10 | 115 | Norma. Large, waxy pink....................................... | 2 | 140 |
| 10 | 115 | Queen Victoria. Deep scarlet | 15 | 140 |
| 10 | 115 | Queen of Hyacinths. Bright |  |  |
| 10 | 115 | fine truss | 10 | 15 |
| 15 | 140 | Roblbert Steiger. Extra-deep crimson | 08 | 90 |
| 10 | 115 | Sultan's Favorite. Pink shaded; good |  |  |
| 08 | 9) | tru | 08 | 75 |
| 10 | 115 | Vero | $08$ | 75 |

SINGLE BLUE.

Argus. Blue, white eye: extra.............. $\$ 008 \$ 090$
Baron van Thuy11. Deep blue; compact


R1eu Mourant. Dark; compact truss.... \$0 08 \$0 90 Charles Dickens. Porcelain-blue; large truss.
$08 \quad 90$
Czar Peter. Handsome; pale blue.............................................. 12 12 40
General 耳Yavelock. Splendid purple... 12140
Ferneral Pelissier. Fine porcelain-blue
Grand Lilas. Azure-blue; perfect spike..
Grand Maitre. Deep porcelain-blue.

## DUTCH HYACINTHS-Continued.



## Selected Named Double Hyacinths.

## DOUBLEE RED AND PINK.



[^0]
## DUTCH HYACINTHS-Continued. <br> DOUBLE BLUE.



## DOUBL, KEL,LOW.

Each Doz Bouquet doprange. Rosy orange.....\$0 10 \$1 15 Goethe. Sulphur-yellow; very double....... $08 \quad 90$ Jaume Supreme. Splendid pure jellow. 0890


## Unnamed Hyacinths.

## MIXED SHADES FOR BEDDING.

All separate colors and mixed, much cheaper than the named varieties and recommended for outside planting. Although the spikes are not quite so large and perfect as in the named varieties, the price of these unnamed Hyacinths will recommend them for bedding or for growing for cut flowers. Ours are all selected bulbs, certain to throw an abundance of bloom.

Six sold at dozen rate, 25 at 100 rate, 250 at 1000 rate.



All Bulbs offered in this catalogue are delivered free of extra charge at single and dozen prices.


Miniature Hyacinths.

## Miniature Hyacinths.

Dwarf growing varieties, which may be planted a dozen or more in one large pot, or may be grown in water. They are very pretty and interesting, and serve especially well for cutting. As they are very cheap, they can be planted in quantity at no great expense

|  | Each | Doz. | 100 | 1000 |  | Each | Doz. | 100 | 1000 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Red. | \$0 03 | \$0 35 | \$2 00 | \$18 00 | Light Bine. | \$0 03 | \$0 35 | \$2 00 | \$1800 |
| Rose | 03 | 35 | 200 | 1800 | Dark Blıe. | 03 | 35 | 200 | 1800 |
| Pure White. | 03 | 35 | 200 | 1800 | 411 Co10 |  |  |  |  |
| Blush White | 03 | 35 | 200 | 18 (0) | Mixed. | 03 | 35 | 200 | 1800 |

## Early Roman Hyacinths.

These are the Hyacinths so extensively grown by florists for winter cutting. Planted in pots or boxes in August or September, kept in a dark place until rooted and then put before a sunny window, they will bloom by Christmas, or may be retarded by keeping in a cool cellar and brought in in succession until March or April. The colored Romans flower about two weeks later than the white ones.
250 are supplied at the 1000 rate, 25 at the 100 rate, and 6 at the dozen rate.


## WHITE ITALIAN HYACINTHS.

Also known as Red Skin White Romans, and are much grown by florists around Paris. They bloom about two weeks later than the ordinary White Roman Hyacinth. 5 cts. each, 50 cts. per doz., $\$ 3.00$ per 100, $\$ 25.00$ per 1000 .

## FEATHERED HYACINTHS.

The flowers are feathered in a plume-like spike; In appearance distinct from all other Hyacinths. Admirable for open ground culture, being perfectly hardy, and quite vigorous. 5 cts. each, 25 cts. per doz., $\$ 1.50$ per 100.

## GRAPE HYACINTHS.

Little globular flowers in slender spikes. Admirable for naturalizing in a shady place, where they will spread rapidly, and take full care of themselves, coming up in spring with their bright blue flower spikes in profusion. The cut flowers are very pretty for decorative work. Blue, 2 cts. each, 15 ets. per doz., $\$ 1.00$ per 100 ; White, 3 cts. each, 25 cts. per doz., $\$ 1.50$ per 100 .


MUSK HYACINTHS.
This variety of the Hyacinth is very popular with some on account of its pungent, musky odor and pretty purple flowers. It can be grown either in the open bed or border, or in pots in the house, making a pleasing effect wherever used. 8 cts. each, 80 cts. per doz., $\$ 6.00$ per 100 .

[^1]
liancy and variety of coloring in spring they are unequaled. After blooming, the bulbs may be lifted or other bedding plants, such as Geraniums, Coleus, etc., may be planted directly above them, and occupy the ground until frost. For the conyenience of those selecting varieties for bedding, we state below the height to which the different varieties grow, and their comparative times of blooming. The singleflowered varieties, on the whole, give more perfect results for bedding.

For pot culture, the same soil as we recommend for Hyacinths will be found most suitable. The pots may be buried in soil or ashes until the bulbs are well rooted, when they may be brought into light and gentle heat.

Six supplied at dozen rate, 25 at 100 rate.

## SINGLE TULIPS-Finest Named Varieties.

These are the varieties which give such brilliant results in spring, when planted in masses of separate or contrasting colors. If planted after due consideration of time of blooming and height when blooming, most elegant effects may readily be attained.

| Time of Height, Blooming inches Each |  |  | $\begin{gathered} \text { Doz. } \\ \$ 020 \end{gathered}$ | $\begin{aligned} & 100 \\ & \$ 100 \\ & 150 \end{aligned}$ | Duc van Thol, |  | Time of Height, Blooming inches Each |  | Doz. | 100 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Artus. Brilliant scarlet.....2nd | 7 | \$0 02 |  |  |  |  |  |  |  |  |
| Brutus. Orange-crimson. .2nd | 6 | 03 | 30 |  |  | Striped. Red, striped |  |  |  |  |
| Belle Aliance. Scarlet; <br> fragrant |  | 03 |  |  |  | with yellow................. 1st | 6 | \$0 02 | \$0 20 | \$1 00 |
| Bizard verdict. Carmine, | 7 |  | 30 | 150 |  | Duc ran thol, yellow. | 6 | 4 | 0 | 25 |
| gold-striped ...................2nd | 7 | 02 | 20 | 100 |  | c van Thol, |  |  |  |  |
| Canary Bircl. Rich golden |  |  |  |  |  | Clear satiny white............ 1st | 6 | 04 | 40 | 225 |
| yellow, early for forcing... | 8 | 04 | 40 | 225 |  | Duc vain Thol, Scarlet. |  |  |  |  |
| Ciimson King. Bright crimson..........................2nd | 7 | 02 | 20 | 100 |  | Very deep scarlet........... 1 1st | 7 | 02 | 15 | 75 |
| Couleur Ponceau. Rosy crimson and whire............2nd | 8 | 02 | 20 | 100 |  | $\begin{aligned} & \text { Duc van Thol, Crim- } \\ & \text { Son......................................... } \end{aligned}$ | 7 | 02 | 15 | 75 |
| Cardinal's Hat... Dark brown-red 2nd | 9 | 02 | 20 | 100 |  | Dichesse de Parma. Orange-yellow ; fine..........2nd | 9 | 03 | 25 | 125 |
| Chrysolora. Yellow; large forcing kind | 9 | 03 | 30 | 175 |  | Eleonore. Dark violet, white edge.......................2nd | 8 | 02 | 15 | 5 |
| Couleur Cardinail. Bril- | 0 | 03 | 30 | 150 |  | Globe de Rigaut. White and violet. | 7 | 03 | 35 | 200 |
| liant crimsnn............. | 9 | 03 | 30 | 150 |  | Joost vain vonciei |  |  |  |  |
| striped with white............2nd | 6 | 04 | 45 | 275 |  | Glossy rose and white.......2nd | 8 | 03 | 30 | 175 |
| Duc van Thol, Red and Yellow | 6 | 02 | 15 | 75 |  | Jagt van Delft. Pure <br> white; good form..............2nd | 8 | 02 | 20 | 100 |
| Duc van Thol, Rose. |  |  |  |  |  | Keizerskroon. Red, with |  |  |  |  |
| White, shading to rose....... 1st | 6 | 03 | 30 | 150 |  | broad y llow edge............2nd | 9 | (4 | 30 | 175 |



SINGLE TULIPS-Continued.
Time of Height,
Blooming inches Each Per doz. 100
La Reine (Queen
Victoria). White,
slightly rose shad-
ed..................nd $6 \quad \$ 002 \quad \$ 020 \quad \$ 100$
I'minaculee.
Pure white; fine
forcer..............nd $\quad 7 \quad 03 \quad 30 \quad 150$
Ma Plus Amiable. Red and
orange................ 1st 6 $03 \quad 35200$
$\begin{array}{llllll}\text { Purplecrownin. } & & & \\ \text { Darkpurplishred. 1st } & 6 & 02 & 20 & 100\end{array}$
Pottebakker,
Yellow. Bright
canary, slightly
striped.............. 1st $8 \quad 04 \quad 40$
225
Pottebakker,
White. Good
form.............. 1st $8 \quad 04 \quad 40 \quad 225$
Pottebakker,
Scarlet. True, fine flower......... 1st $8 \quad 03 \quad 30 \quad 175$
Prosperine.
Salm n-pink; extra; fine form....2nd $10 \quad 04 \quad 45 \quad 275$
Rachel Ruisch. Fine pink.2nd $\quad 7 \quad 04 \quad 35 \quad 225$
Rembrandt. Scarlet ; early; for forcing............ 1st $8 \quad 04 \quad 40 \quad 200$
Rose Grisde. 1in. White; rose-
shaded; fine for shaded; fine for
forcing............2nd $5 \quad 04 \quad 40 \quad 225$
Mundi Pa 225
Samson. Fine red................................... $\qquad$
$\qquad$

Specimen Single Tulips, Named Varieties.:



Verboоm. Scarlet.......................................................................................... 2 . $n d$
Vermilion Brilliant. Brilliant carmine.................................................. .
Wouverman. Dark violet ; showy......................................................2nd
Yellow Prince. Golden yellow.


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## DOUBLE TULIPS-Best Named Varieties.



Early Double Named Tulips.


Time of Height, Blooming inches Each Per doz. 100

## Alba Maxima.

fine; new.......... 1st $6 \$ 005 \$ 050 \$ 250$
Agnes. Dwarf;
very brilliant red. $3 \mathrm{~d} \quad 4 \quad 04 \quad 40 \quad 225$
Bonaparte.
Mauve, yellow and
red.................. 3d $16 \quad 02 \quad 20 \quad 100$
Cousine. Dark
violet............... 1st $8 \quad 02 \quad 15 \quad 75$
Duc van Thol.
Yellow and red.... 1st $6 \quad 02 \quad 15 \quad 75$
Duke of York.
$\begin{array}{llllll}\text { Carmine and white } 2 \mathrm{Z} & 10 & 02 & 20 & 100\end{array}$
G1oria Solis. Crimson, bordered with gold
Imperator Rubrorum. Improved Rex; rich crimson-scarlet
La Candeur. Pure white; very fine.
,


Lady Grandison. Dwarf scarlet......................................................... lst 5 . 02 20 100
Mariage de ma Fille. Pure white, striped with rose; extra fine..................... $3 \mathrm{~d} \quad 9 \quad 9 \quad 05 \quad 50 \quad 250$

Purple Crown. Deep purple.................................................................. 1 st 8 . 8215100
Princess Alexandra. Brown and yellow border......................................... st 6 6 $\quad 05 \quad 30 \quad 150$





Turban. Violet, dark and rich...............................................................1st $7 \quad 7 \quad 05 \quad 50 \quad 250$
Tournesol. Scarlet and yellow.................................................................... 8 有 $03 \quad 32 \quad 200$

Yellow Rose. Large golden yellow...........................................................3d $6 \quad 6 \quad 02 \quad 15 \quad 100$

## SINGLE AND DOUBLE TULIPS IN MIXTURE.

These are especially recommended for bedding in large or small masses, where economy in expenditure as well as brilliancy in effect is desirable. Our mixtures are made up of selected flowering-size bulbs, and include an abundance of bright-colored rarieties, growing the same height and flowering the same time.

|  | Each | Doz. | 100 | 1000 |
| :---: | :---: | :---: | :---: | :---: |
| All Colors. Fine mixed ; superior to ordinary Mixed Tulips as sent out. |  | \$0 10 | \$0 75 | \$5 00 |
| Selected Varieties Mixed. Made up | \$0 02 | 20 | 100 | 800 |



## PARROT TULIPS.

The Parrot Tulips have very striking colors, the petals are curiously slashed, and the form, especially before the flower opens, somewhat resembles the beak of the parrot. Our mixture of Parrot Tulips contains a great variety of colors. Used principally for bedding and late flowering; can also be forced successfully.

Fine mixed. Large, strong stock. Each, 4 cts.; per doz., 35 cts.; per $100, \$ 1.50$; per 1000 , $\$ 10.00$.


## LATE-FLOWERING OR SHOW TULIPS.

Like the Parrot Tulips, for outdoor cultivation, but differing from that variety by coming into bloom later and in being somewhat taller. They are quite as singular and pleasing, and are greatly grown for exhibition.

|  | Each | Doz. | 100 | 1000 |
| :---: | :---: | :---: | :---: | :---: |
| Bizarres. Finest mixed | \$0 03 | \$0 25 | \$100 | \$800 |
| Byblomens. Finest mixed | 03 | 30 | 125 | 1000 |
| Gesneriana, or Monster Late. Bright crimson, with purple eye | 03 | 25 | 175 | 12 co |
| Golden Crown. Deep yellow, edged with red; âne for cutting, and matches well with Gesneriana in beds. $\qquad$ | 04 | 30 | 200 | 1500 |



[^2]
## NARCISSUS, OR DAFFODILS.



Daffodils.

Each Doz. 100
Bicolor Empress. Larger than the next; immense golden yellow trumpet and broad white perianth.................... Bicolor HIOrsfieldii. (King of Daffodils). Pure white perianth; rich golden yellow trumpet; very large, and one of the finest for cut flowers.... Biflorus. Divisions of the perianth milk-white, crown yellow; late flowering. .
Bulbocodium. (Hoop Petticoat). Rich golden yellow; each bulb bearing from 6 to 12 flowers; can be forced.....
Emperor. One of the largest and best; perianth primrose-yellow, trumpet clear golden yellow......................
Incomparabilis stella alba. Pure white; cup golden yellow; for forcing............................................
Incomparabilis Sir Watkin. Mammoth flowers: tube rich golden yellow, beautifully fimbriated, perianth, pale primrse-yellow, very broad. A new and gigantic variety, the flowers often measuring four inches across....
Obvallaris. (Tenby Daffodil). Dwarf growing; bright yellow; very early and effective.

Poeticus. (Pheasant's Eye, or Poet's Narcissus). Pure white, with red cup; very fragrant. $\$ 5.00$ per $1,000 \ldots \ldots . . .{ }^{\text {. }}$
$05 \quad 40 \quad 250$
$\$ 25 \$ 250$
$\begin{array}{lll}10 & 1 & 15\end{array} \$ 00$
$02 \quad 20 \quad 100$
$65 \quad 50 \quad 300$
$25 \quad 250$
$\begin{array}{llll}03 & 25 & 1 & 50\end{array}$

$25 \quad 250$

These bulbs are especially fine for outdoor work, and when used for this purpose should be planted in a moderately rich soil, being careful to avoid the use of fresh manure, and the earlier in the autumn they are in the ground the better. The bulbs should be set 3 or 4 inches deep, unless it is intended to plant other flowers over them in the summer, in which case it is better to plant 6 inches deep. It is advisable not to disturb the bulbs oftener than once in 3 or 4 years, when they will need thinning out; if taken up every year like Hyacinths, they do not seem to prosper.
Most of the species are amenable to forcing and millions of such varieties, as Early Paper White, Double Roman, Von Sion, etc., are cultivated every year by florists. They should be planted as instructed for Hyacinths, and kept in a cool place for 3 or 4 weeks until roots have formed, when the two first named may be forwarded in heat, though most species do better if kept moderately cool.

Six are furnished at the dozen rate, 25 at the 100 rate.


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Each Doz. 100
Poeticus ornatus. Flowers a month earlier, and is more symmetrical than the ordinary Poeticus, but of the same color and larger....\$0 $03 \quad \$ 020 \quad \$ 100$

Princeps. Perianth white, trumpet yellow; good for forcing........

Pseudo-Narcissus (Lent Lily). White perianth, sulphur-yellow trumpet.
Scoticus (Garland Lily). Perianth white, trumpet yellow; of the Pseudo-Narcissus type, but much finer.
$4 \quad 30 \quad 200$

Trumpet Major. Much used for forcing, and the earliest; yellow; trumpet very large and flaring.....
$04 \quad 30 \quad 200$
Mixed Single Sorts. per $1000, \$ 8 \quad 03 \quad .25 \quad 100$


Double Trumpęt Narcissus Von Sion.


Each Doz. 100
Von Sion. The Double Yellow
Daffodil. Flowers very full; ex-
tensively used for forcing............. \$0 05 \$0 $50 \quad \$ 325$
Mixed Double Sorts
................................................ $1000, \$ 12.00$ 25 125

## Polyanthus, or Bunch=Flow= ering Narcissus.

## (Narcissus Tazetta.)

The varieties of this group produce spikes of sweet-scented flowers, and are best suited for forcing or planting in pots in the house. The Double Roman and Paper White may be had in bloom by Christmas.

Each Doz. 100
Bazleman Major. Orange cup;
white perianth; very large and fine. \$0 25 \$2 50
Double Roman. Double white, with orange nectary. Much used for forcing and pot culture, and is one of the earliest for that purpose.

05
$45 \$ 150$
Gloriosus. Perianth white, cup
orange ; very fine..........................
$05 \quad 60 \quad 300$
Grand Monarque. Broad white perianth, jeliow cup; the finest white.

0560
300
Newton, Free bloomer; perianth
yellow, cup orange
15
125

## NaRCISSUS-Continued

Paper white. Pure white; free blooming. Much used for forcing, and the best of the early sorts for that purpose, as it may be had in bloom by Christmas..................................... $\$ 004 \$ 040 \$ 150$
Paper White Grandifiora. An mproved variety of the preceding, blooming somewhat earlier; very useful for pot-culture for amateurs........ $05 \quad 50 \quad 200$
Mixed Polyanthus Sorts........ $05 \quad 50 \quad 175$


Chinese Sacred Narcissus.

## § Pansy and Sweet Pea Seed should be sown in the Fall. Low Prices on Page 26.

Chinese Sacred Lily, or Flower= of $=$ the=Gods .

This is a variety of the Polyanthus Narcissus and is known by several other names, as "Water Fairy Flower," "Joss Flower," and "Chinese New Year's Lily." They are of the easiest culture in water, and are very decorative. The bulbs should be placed in a pretty dish or bowl, with pebbles around them to keep them in position, and the vessel filled with water, which should be changed from time to time. The growth is very rapid, and 50 to 60 flowers, borne on 8 to 10 spikes, are often produced from a single bulb. The flowers are waxy white, with a yellow center, and are very sweet-scented.

Large, Selected Bulbs, 15 cents each, $\$ 1.75$ per dozen, $\$ 8.00$ per 100 . If by express at customers' expense, 10 cents each, $\$ 1.00$ per dozen.


Polyanthus Narcissus, Paper White Grandiflora.

## Jonquils, or Rush=Leaved Narcissus.

This section of the Narcissus family includes several varieties with pretty yellow flowers. They are early bloomers and hardy.

Single Sweet-Scented. Yellow,
very deliciously scented; good for
forcing........................................ $\$ 0$ 02 $\$ 020 \$ 100$
forcing..................................... $\$$
a clear golden yellow, and the most
fragrant of the whole family; may be
forced.
$05 \quad 50 \quad 375$
Camperinelle. Golden Jellow flow-
ers; much used for forcing.
$\$ 8.00$ per $1000 \ldots \ldots$..... $02 \quad 20 \quad 100$
Specia1. Three each of the above Jonquils, postpaid for 20 cents.


All Bulbs offered in this catalogue are delivered free of extra charge at single and dozen prices.

## CROCUS.

The Crocuses are among the earliest flowers of spring, and their bright blossoms are often covered with snow during March and early April. They will grow and flower under the most adverse conditions, and may be planted in the border, along walks, or in the grass of the lawn. For beds or borders, the Bulbs should be planted about 3 inches deep and the same distance apart, but much deeper for permanent planting. If to be sent by mail, postage will be 15 cts. per 100 extra. Dozen price includes postage.

## Choice Named Crocus.

These are all selected Bulbs, and may be depended on for shade and richness of color. They produce larger flowers than the unnamed sorts, and are more desirable for growing in pots.

Albion. Fine striped.<br>Baron von Brunow. Dark blue. Caroline Chisholm. Pure white. Charles Darwin. Fine purple. Cloth-of-Gold. Brown and yellow. Cloth-of-Silver. Blue, pale, striped. David Rizzio. Dark purple.<br>Madame Mina. Violet and white.

Prince Albert. Brilliant purple. Queen Victoria. White.
King of the Blues. Very large. Mont Blanc. Finest of all whites. Sir Walter Scott. Variegated. Yellow Ciant Bulbs. Clear golden color, 15 cts. per doz.; 75 cts. per $100 ; \$ 6$ per 1000 .

Any of the above varieties, except where noted, 60 cts. per 100; $\$ 5$ per 1000 ; 250 supplied at 1000 rate; 25 at 100 rate.


## Unnamed Crocus.

Suitable for planting in beds or borders, where they will make a beautiful show at a small cost.
Large White. 10 cts. per doz.; 40 cts. per $100 ; \$ 3$ per 1000.

Large Yellow. 10 cts. per doz.; 40 cts. per $100 ; \$ 3.50$ per 1000 .
L, arge Blue. 10 cts. per doz.; 40 cts. per 100; \$3 per 1000.
Large Purple. 10 cts. per doz.; 40 cts. per 100; $\$ 3$ per 1000.
Striped and Variegated. 10 cts. per doz.; 40 cts. per $100 ; \$ 3$


## BERIIUDA EASTER LILIES.



The well-known Lilies so much grown by florists for church decoration at Easter, and other purposes. Pot the bulbs in a good mixture of leaf-mould, loam and sand, with the addition of some well-decayed cow manure. In the bottom of the pots place enough broken crocks to insure good drainage, over which put a layer of clean sand. Place the Bulbs one inch below the surface of the soil. (The Lilium Candidum should have only a thin sifting of soil over the top of the Bulb). After potting give a good supply of water, and bury the pots in coal ashes in a frame, or place in a cool dark cellar where neither frost nor light can touch them, watering very sparingly--just enough to keep them from drying out. When they are in good root action, bring into a room where the temperature ranges from about 50 degrees at night to 65 degrees during the day. When the flower buds form, feed the plants with weak liquid manure several times a week. Give the plants as much sunlight as possible until the buds are nearly developed, after which the flowers may be retarded, if desired, by placing in a shaded position. When fully opened keep the plants in a cool room.

## Bermuda Easter Lily.

(Lilium Marrisii.)
Fine Bulbs, 5 to 7 inches in circumference: each Bulb producing from 6 to 8 flowers, 10 cts. euch; $\$ 1.00$ per doz ; $\$ 5.00$ per 100 .
Large E ulbs, 7 to 9 inches in circumference, producing from 8 to 12 Howers, 15 cts, each; $\$ 1.25$ per doz.; $\$ 8.00$ per 100.
Extra L,arge Bulbs, 9 to 11 inches in circumference, each Bulb bearing 12 to 18 flowers, 35 cts. each; $\$ 3.50$ per doz. $\$ 18$ per 100.
Monstrous Rulbs, for exhibition purposes, producing magnificent spikes of flowers, 75 cts. each: $\$ 7.50$ per doz.

## Japan Easter Lily.

## (Lilium Longifiorum.)

Very similar to L. Harrisii, preferred by some to that variety on account of its better growth of foliage. It is hardy with slight protection, and then blooms in June and July.
5 to 7 inch Bulbs produce from 6 to 8 flowers, 10 cts. each; $\$ 1.00$ per duz.; $\$ 4.50$ per 100 .
7 to 9 inch 1 ulbs produce from 8 to 12 flowers, 15 cts. each; $\$ 1.50$ per doz.; $\$ 9.00$ per 100 .

## Bridal, or Annuncia= tion Lily.

(Lilium Candidum.)
The white Lily of the garden, and thoroughly hardy; is one of the most useful of Lilies for forcing.
Fine Large fulbs, 10 cts. each; $\$ 1.00$ per doz.; $\$ 5.00$ per 100 .


## HARDY LILIES.



Lilies are easily cultivated. The ground should be carefully dug and abundantly supplied with well-rotted manure, planting the bulbs six inches deep, after which they require very little care or attention, except to occasionally stir the soil and keep free of weeds. To secure best results the bulbs should be planted in the fall.

## The Golden=Banded Lily of Japan. <br> (Lilium Auratum.)

The most gorgeous of all Lilies; requires no special treatment when planted in the open at this season of the year, and if left undisturbed is perfectly hardy, flowering each summer in greater profusion. Deliciously fragrant.

Large bulbs, 7 to 9 inches in circumterence, will produce from 8 to 10 flowers. 15 cts. each; $\$ 1.50$ per doz.; $\$ 8.00$ per 100 .

Extra large bulbs, 9 to 11 inches in circumference, will produce from 12 to 18 flowers. 20 cts . each; $\$ 2.00$ per doz. $; \$ 10.00$ per 100 .

Monstrous bulbs, 11 to 13 inches in circumference, producing magnificant spikes of flowers. 25 cts . each; \$2.50 per doz.; $\$ 15$ C0 per 100.

## Lilium Speciosum Album.

## (Pure White Japan Lance Lily)

Large white flowers of good substance, with a greenish band running through each petal; one of the finest Lilies in cultivation.
Large bulbs, 7 to 9 inches in circumference. 20 cts. each; $\$ 2.00$ per doz.; $\$ 10.00$ per 100 .

Extra large bulbs, 9 to 11 inches in circumference. 25 cts. each; $\$ 2.50$ per doz.; $\$ 15.00$ per 100 .

## Lilium Speciosum Rubrum.

(Dark Red Japan Lance Lily.)
White, thickly studded with dark crimson spots; very fine. The best of the Speciosum class.

Harge bulbs, 7 to 9 inches in circumference. 15 cts. each: $\$ 1.50$ per doz.; $\$ 8.00$ per 100 . Extra large bulbs, 9 to 11 inches in circumference. 20 cts. each; $\$ 2.50$ per doz.; $\$ 10$ per 100 .

## Lilium Tigrinum.

(Common Tiger Lily.)
Orange-red, spotted with black; an old but still standard variety. 10 cts. each; $\$ 1.00$ per doz.

TIGRINUM SPIENDENS. Much larger than the type, of ten bearing as many as "5 flowers on a stem. 15 cts. each; $\$ 1.50$ per doz.

TIGRINUMELOREPRENUM. Semi-double form of Tigrinum. 15 cts. each; $\$ 1.50$ per doz.

## 3 Tiger Lilies, 3 Varieties, Postpaid for 25 cts.

Ill Bulbs offered in this catalogue are delivered free of extra charge at single and dozen prices.


## Anemone.

These Anemones, though not entirely hardy in the northern states, will succeed perfectly if not planted out until spring; or, they may be wintered in a cold frame, in which case they will bloom in early spring. The roots retain their vitality in the dormant state for a year or more if kept in a dry place, making them useful for planting at any season of the year. They will thrive in any good garden soil, though a sandy loam suits best, and are partial to a position in shade a great part of the day.

[^3]
## Amaryllis.

The Amaryllis are among the grandest bulbous plants, some species bearing from two to six immense flowers 6 to 10 inches across, on a spike 3 feet high. They succeed best potted in a mixture of leaf-mould, loam, manure and sand. After they have flowered and growth has stopped, watering should be gradually discontinued until the tops die down, when they may be put away in a dry, cool place, keeping the bulbs in the pots, as frequent disturbance of the roots is to be avoided.

Belladonna (Belladonna Lily). An autumn-blooming species, bearing 6 to 12 flowers, white or purplish, sweetscented, on a scape about $21 / 2$ feet high $\$ 020$
$\$ 200$
Formosissima (Jacobæan Lily).
Large and show $y$ flower of a fine, deep scarlet, on a scape 2 feet high. May be forced, grown in pots, or in water like a hyacinth, or planted in the open ground in the spring to bloom during the summer..
Johnsonii. A dull red flower with a white stripe down each petal; one of the earliest hybrids and especially robust in growth.
Vallota-Purpurea (Scarborough Lily). Flowers bright scarlet, 5 or 6 in a head, lasting a long time in perfection. Very useful for pot culture, or may be planted in the open ground for flowering in the summer.
Hybrid Seedlings. Fine varieties, mixed, producing the most gorgeous flowers of brilliant colors.

## Allium Neapolitanum.

Flowers white, with green stamens; borne in loose umbels on a scape about 15 inches high. The plant may be forced, and is very useful for bouquets. It is free from odor of garlic, which is a characteristic of the genus. 2 cts. each, 20 cts . per doz., $\$ 1.25$ per 100.


Allium Neapolitanum.

## Arum Dracunculus.

## (Dragoin-F1ower.)

The great calla-like flower is a foot long, reddish brown, with black markings; the leaves are handsome, palmate, and the stem is curiously spotted. Polted in the house in a rich soil and given plenty of moisture, it will thrive. 15 cts . each: \$1 50 per doz.
Arum sanctum (Black Calla). See Calla Lilies

# CALLA LILIES. 



White Calla.

Included under this head popularly are several species of curious plants, the type of which is the well-known White Calla Lily, any description of which is unnecessary. These are very extensively grown in greenhouses, and may be had in flower at almost any season. They require a very rich soil-a mixture of good loam and cowmanure being suitable, and will live and grow from year to year, if allowed to rest awhile during the summer and are occasionally repotted to supply fresh nourishment.

## Bulbocodium Vernum.

A pretty little hardy plant, resembling the crocus, and, like it, flowering in earliest spring, and requiring the same culture. The flowers are showy, of bright violet, and precede the foliage. .5 cts. each; 30 cts. per doz. ; $\$ 2.00$ per 100.


Spotted Calla.
White Calla (Richardia AEthiopica). (The White Trumpet Lily, or Lily-of-the-Nile.) The common and well-known variety, with pure white spathe. Our bulbs are extra large, California-grown, and sure to flower; dormant tubers. Each, 15 cts.; per doz., $\$ 1.50$.
B1ack Calla (Arum sanctum). Esteemed as much for its oddity as for its beauty. The flowers are blackish purple with a velvet-like surface, and have an odor somewhat resembling that of the tuberose. Succeeds under the most ordinary treatment, and is a very attractive plant. First size bulbs, each, 15 cts.; per doz., \$1.5u. Extra selected bulbs, each, 25 cts.; per doz., $\$ 2.50$.

## Spotted Calla (Richardia albomaculata). The leaves in this species

 are spotted with white, thus making an ornamental plant even when out of flower. The spathe is smaller than in the preceding, and is purplish in the throat; dormant tubers. plish in the throat; dormantEach, 15 cts.; per doz., $\$ 1.50$.

Yellow Calla (Richardia hastata.) Identical in appearance with the common Calla, except the flower, which is yellow, with a reddish brown throat. Each, $\$ 125$ : per doz., $\$ 12.00$.

## "INGLESIDE HYBRIDS."

The Floral Novelty for 1897. Giant Gladiolus from the Golden State. Something Magnificent! Giants they truly are both in plant and flower. Indescribable Shades and Tints. Flowers twice as large as the older varieties.
That "Modern Eden," California, will next year send forth to the world a floral novelty which we predict will take it by storm and increase beyond measure the popularity of the Gladiolus.

It is a well-known fact that no other class of plants offers such alluring inducements to the bybridizer as is shown by the countless number of Gandavensis and Lemoine types, each it is true differing from its fellow in some distinct mark of color or form of flower ; but here we have AN ASTONISHING AND ENTIREITY NEW DEPARTURE from all previous strains of these beautiful summer bloomers, beralding the advent of a race destined to eclipse even the Orchid in exquisite markings and delicate shades of color.

Words cannot describe the marvelous beauty of these gigantic flowers. The colorings and markings are simply superb running from the purest white through delicate lavender to the richest tints of crimson AND SCARLET. The immense biouin $, ~ o f ~ t e n ~ d o u b l e ~ a n d ~ g e n e r a l l y ~ r o u n d, ~ a r e ~ b o r n e ~ o n ~ b r a n c h i n g ~ f l o w e r ~ s p i k e s, ~$ sometimes five and six to each want.
"Ingleside Hybrids" "are the triumphant result of many years' systematic hybridization and selection, and will be introduced by 11 during thesping of 1897 . Many prominent seedsmen who have seen this wonderful new race in bloom frank!y fimit thit they surpass in size and beauty every other variety of Gladiolus extant.

Don't fail to liare vour mam. on our catalugue list for 1897 and receive copies of the beautiful paintings we hare had made ot "Ingleside Hybids."

All Bulbs offered in this catalogue are delivered free of extra charge at single and dozen prices.


## Calochortus. <br> (Butterfly Tulip.)

These are among the most handsome of native American bulbous plants, but are not entirely hardy in the northern states. They succeed finely if grown in a cold frame, or if 4 or 5 bulbs are planted in a pot. 5 cts. each ; 40 cts . per doz.; $\$ 3.00$ per 100 .

## Camassia Esculenta.

Violet-blue, in a short raceme, borne on a stout scape. Very pretty when planted in a partly sheltered situation in any good garden soil, with a topdressing of manure once a year. 3 cts. each; 25 cts. per doz.

## Colchicum Autumnale.

The Meadow Saffron, and one of the most beautiful of autumn-flowering plants. Flowers of a fine purple color. 5 cts. each ; 50 cts. per doz.; $\$ 4.00$ per 100.

## Chionodoxa.

These flowers, natives of the mountains of Asia Minor, are of comparatively recent introduction. Being hardy, they can be planted outside in bed or border in any good soil, and their pretty blue flowers will appear in earliest spring with the Snowdrops, and will last a long time in perfection.

Lucilize (Glory-of-the-Snow). Flowers intense blue, shading to white in the center : 3 to 6 on a stalk, about 6 inches high. 2 cts. each ; 20 cts. per dozen ; $\$ 1.00$ per 100.

Gigantea (Giant Glory-of-the-Snow.) A new and superior variety of the preceding, and in comparison what its name would denote, being at least three times as large. 3 cts. each; 25 cts. per dozen; $\$ 1.50$ per 100 .
Sardensis. Bright, rich blue, deeper than C. Lucilice. 2 cts. each; 20 cts. per doz.; $\$ 1.25$ per 100 .

## Crinum.

Allied to the Amaryllis and bears lily-like flowers in an umbel on a long stalk. Single bulbs should be planted in good-sized pots in a turfy loam, welldrained, and should be given occasional applications of liquid manure; or, they may be planted out in the spring, and lifted on the approach of frost, brought in, and kept in a cool place till the next spring.
Americanum. Fragrant white flowers 4 to 5 inches long, produced 3 to 6 in an umbel, on a tall stalk 50 cts . each ; $\$ 5.00$ per doz.
Kirkii. Splendid variety, producing dark pink lilylike flowers in profusion. $\$ 1.00$ each; $\$ 10.00$ per doz.

## Dicentra Spectabilis.

## (Bleeding=Heart.)

The pink and yellow drooping racemes of heartshaped flowers are produced in great abundance, and are exceedingly useful for cutting. They may be forced and had in flower in late winter, though they will not stand exposure to strong heat. There are no finer plants for the general border, and they will succeed in any good soil. 15 cts. each, $\$ 1.50$ per doz.



## Cyclamen.

These are very free-flowering, and their graceful habit, pretty foliage and the varied colors of the flowers add to their usefulness. They thrive best in a mixture of loam, leafmould and sand, with good drainage, and need plenty of light and air.
Persicum giganteum (Persian Violet). Not hardy, but a fine plant for indoor culture. White, purple or rose, large flowered, separate colors ; 25 cts. each ; $\$ 2.50$ per doz. Colors mixed, 20 cts. each ; $\$ 2.00$ per doz.

## Freesia Refracta alba.

These are among the prettiest of win-ter-flowering bulbs. The flower-stalks are about 9 inches high, and bear 6 or 8 flowers each, which are delightfully fragrant, and last many days in water after being cut. They may be forced and had from autumn till late spring, if brought in succession into the light and warmth, and will succeed best when planted about 6 bulbs in a 5 -inch pot, in a compost of sandy loam, leaf mould and decayed manure. Water will not be required till growth commences, and a frame where frost is excluded will be warm enough. As soon as growth begins, they may be watered more liberally, brought into the house or cool greenhouse, and placed where they will get as much light as possible. 2 cts each; 15 cts. per doz.; $\$ 1.00$ per 100.

Easter Lilies, different varieties, postpaid, for 25 cts .

## Eranthis Hyemalis.

## (vinter Aconite.)

Flowers bright yellow, in earliest spring, continuing for several weeks. Very suitable for naturalizing in the shade or in wet places, where few other plants will grow. The tubers may be taken up in the summer after the leaves fall, or may be left in the ground for several years. 3 cts. each; 25 cts. per doz.

## Erythronium.

## (Dog's Tooth violet.)

The bulbs will succeed if planted in almost any light soil, but a mixture of loam and peat is best. They should be planted in little groups about 3 inches deep.
Dens-Canis. The true Dog's Tooth Violet, native of Europe. Flowers purplish rose or whitish; leaves blotched with brownish purple and white. 3 cts. each; 20 cts. per doz.: $\$ 1.50$ per $10:$.
Grandifiorum. Flowers borne in a raceme of from 2 to 6 , yellow cream color, with a darker base. 4 cts. each ; 35 cts. per duz.; $\$ 2.50$ per 100.

## Eucharis Amazonica.

A beautiful bulbous plant from South America, suited to greenhouse cultivation. Flowers white, sweet-scented, 4 to 5 inches in diameter, in 5 to 6 flowered umbels. Should be potted in a compost of leaf-mould, loam, sand, and well-decayed manure, with good drainage. Give plenty of water and occasionally liquid manure. 15 cts. each; $\$ 1.50$ per doz.


Freesia Refracta alba.
(For Sparaxis and Ixias, see pages 24 and 21 )

## Gladiolus-The Bride.

Colvilli alba (The Bride). The most
Cxtensively used for forcing by for-
ex for doz. 100
ists or for house culture. Fine
spikes of pure white flowers......... $\$ 0$

## Fritillaria Imperialis.

## (Crown Imperials.)

The Fritillarias are best suited to the flower border, and when planted should not be disturbed for several years. Any good garden soil will suit them, providing it is well drained. A top-dressing of well-rotted manure on the Crown Imperials, just as they start to grow, well be beneficial.

Each Per doz.
Aurora. Bright red............................ $\$ 015$ \$175
Crownin upon Crown. Red; whorls of Howers one above the other...........
$20 \quad 200$
Gold-Striped. Flowers crimson; foliage variegated with yellow. ... .........
$40 \quad 350$
Sulphureous. Sulphur yellow, slightly striped with red..................................
Mixed Varieties.............................. $10 \quad 100$

## Helleborus Niger Major.

## (Christmas Rose.)

Flowers waxy white, 2 or 3 inches in diameter, produced in early spring. Perfectly hardy for planting outdoors in any well-manured soil, where it will flourish, but is principally used for forcing, as the flowers may be had in perfection by Christmas. Strong clumps, 25 cts. each, $\$ 2.50$ per doz.



## Ixia.

These are showy bulbous plants from South Africa, the base of the petals usually differing in color from the tip, and the inner from the outer surface.

See illustration on page 20.
Crateroides. Bright crimson; ver Each Per doz. effective................................... $\$ 003$ \$0 30 Mixed Varieties ........ $\$ 1.00$ per 100 ©3 20

## Lachenalia.

Pretty greenhouse bulbous plants from the Cape of Good Hope. Most of the species flower in spring and early summer, and should be planted in the fall, several in a pot, in a mixture of light loam, leaf-mould and sand.
Lutea. Flowers yellow, an inch long, Each Per doz. erect, simple raceme............................ $\$ 020$
Pendula. Flowers deep purple, red and
yellow........................................... 20
Tricolor. Bright green, red and yellow, in a long, loose raceme..................... 20

## Iris. <br> (Fleur de Lis.)

Nothing finer than Iris can be had for backgrounds, and they will thrive well in shady places. A large proportion of the commoner varieties do not require more than ordinary attention to produce a profusion of flowers annually. The section of Spanish Irises, comprising Anglica, Hispanica, reticulata, etc., succeed best in a rich, sandy soil, fully exposed to the sun. The German varieties should be planted in rich, light soil and their rhizomes, which form on top of the ground, should not be covered. The Japanese Iris (I. Kompferi) will succeed in almost any position, and produce an abundance of gorgeous flowers.

Each Doz. 100
Anglica (English Tris). Mixed colors. . $\$ 003 \$ 030 \$ 150$
$\begin{array}{llllll}\text { Hispanica (Spanish Iris). Mixed colors } & 02 & 20 & 75\end{array}$
Germanica (German Iris). Mixed colors...............................................
$10 \quad 100$ $20 \quad 200$
Germanica Named Varieties..
Kampferi (Japanese Iris). The Japanese Iris is entirely distinct from other species. The flowers are large ( 5 to 7 inches in diameter), and are of the brightest and most pleasing arrangements of color, from dark blue to rose, Jellow, white, etc. Named varieties..
Mixed Varieties
Pavonia (Peacock Iris). Pure white with a bright blue spot in each petal. Not hardy, but fine for pots. ...........
Reticulata. Very early; violet, spotted and striped with white, yellow, and black; sweet-scented. May be forced into bloom by Christmas.........
$25 \quad 2501500$ $20 \quad 2001200$
$05 \quad 50$
$\begin{array}{lll}10 & 100 \quad 800\end{array}$


Plant our Cottage Collection of

## SPRING FLOWERING BULBS.

## Particulars on Page 2 .




Ornithogalum Arabicum.


## Nerine Sarniensis.

## Guernsey Lily.)

Beautiful greenhouse bulbous plant, with scarlet and yellow flowers, which sparkle in the sun as if sprinkled with gold-dust. They succeed best when potted in compost of loam, leaf-mould and sand, with good drainage. When the leaves die, store the plant away in a cool place, and keep the soil dry until signs of growth are again apparent. 20 cts . each; $\$ 2.00$ per dozen.

## Ornithogalum Arabicum.

## (Star of Rethlehem.)

Milky white, with black center; are produced on tall stalks, and last a long time in perfection, sweet-scented. Not perfectly hardy, but excellent for pot-culture, forcing easily. 5 cts . each ; 55 cts . per dozen.


## Lily $=$ of $=$ the $=$ Valley.

## Ready in November.

No description is needed of this universally admired plant, whose spikes of lovely sweet-scented, drooping white bells are everywhere known. No plant is easier of culture, and once established in the garden, it will need no further attention, except to top-dress with manure in the autumn. For quick results in outside planting, the clumps should be secured. For forcing, the single crowns or "pips" should be selected, and they may be had at any season of the year by keeping the roots in cold storage. We offer only the best German pips, grown in the sandy region around Berlin, which seems to be especially suited to the growth and perfect development of this charming plant.

Bermuda Buttercup Oxalis.
Lily of the Valley.


The Oxalis is perhaps as popular and as great a favorite for home and window decoration as any other plant. This it well deserves, as no plant is more simple in cultivation or gives such a lasting profusion of blossom in so short a time after planting. The Bermuda Buttercup Oxalis is not claimed to be a strictly new plant, but a great improvement over the type to which it belongs (Oxalis cernua); and the introducer's description which we give herewith has been endorsed by most of the leading florists who have tried it.
' This is one of the finest winter-flowering plants for pot-culture that we have ever seen; it is such a strong, luxuriant grower that one bulb will be sufficient for a 6 to 8 -inch pot. The flowers are of the purest bright buttercup yellow. Wellgrown plants have produced as high as seventy flower-stems at one time and over 1000 flowers in one season." 5 cts. each, 50 cts. per doz., $\$ 3.50$ per 100 .

## Oxalis.



## All Bulbs offered in this catalogue are delivered free of extra charge at single and dozen prices.



Ranunculus.


## Scilla.

Should be planted by Octobor, and if possible not disturbed for years Their pretty star-shaped flowers appear with the Crocus and Snowdrop in earliest spring. S. sibirica may be cultivated in pots, but must not be exposed to strong heat.

Each Doz. 100
Sibirica. The slender spikes of rich
$\$ 002 \$ 015$ \$0 75
Campanulata (Wood Hyacintl).
$03 \quad 25 \quad 150$
Peruviana (Cuban Lily). Blue, the fluwers cruwded in a deltoid bead, scape 6 to 12 inches high. A very striking plant, but requiring the pro-
tection of a cold-frame.
$10 \quad 100$
Peruviana alba. Like Peruviana,
but with white flowers...................
$25 \quad 225$

## Sparaxis Tricolor.

## (African Harlequin Flower.)

Flowers orange, with lighter center, borne 3 to 6 on a spike 1 to 2 feet high. 3 cts. each; 20 cts. per doz. ; $\$ 1.25$ per 100 .

For illustration see page 20.

## Snowdrops.

Well-known pretty bulbous plants, whose white, bell-shaped flowers are among the earliest of spring blossoms, often appearing in March. They are hardy, and are suitable to plant with Hyacinths, their blossoms appearing before the latter are well out of the ground; or may be set on the edges of beds or along a walk.

Double. White.............................. $03 \quad 30 \quad 175$
Giant Snowdrops. Larger than the ordiuary snowdrop, often growing a foot high; flowers white, with a greenish spot at the base of each segment. .
$\begin{array}{lll}02 & 15 & 100\end{array}$

## Double Ranunculus.

The flowers are good size, perfectly double, and as beautifully imbricated as a rose. For outdoor planting, a deep, well-drained soil, composed of loam, leaf-mould and decayed manure, will suit them well. They are also useful for forcing.

Double Persian. Camelia or roseshaped tiowers. quite double. All colors, mixed. Each, 3 cts.; per doz., 20 cts.; per 100, \$1.00.
Double French. Larger flowers and more vigorous srowers: splendid for cutflowers. All colors, mixed. Each, 3 cts.; per doz., 20 cts.; per $100, \$ 1.00$.
Double Turban. These are hardier than the precediug. and may be planted in the autumn. The flowers are large and early, and the plants are vigorous growers. All colors, mixed. Each, 3 cts.; per doz., 20 cts ; per $100, \$ 1.00$.


All Bulbs offered in this catalogue are delivered free of extra charge at single and dozen prices.

# "CORAL SPRAYS" 

The beautiful new, Pure White, Meadow=sweet

## (Spiræa Astilboides Florabunda.)

THIS new type of Spiræa is handsome and distinct, and cannot be too highly appreciated as a decorative plant for early forcing. It is dwarfer and much more graceful than S. Japonica, and a great improvement over the common Spircea Astilboides. The flowers are produced in greatest profusion, on branching spikes terminated by elegant dense plumes of pure white, well displayed above the foliage. It is perfectly hardy, and is certain to become the leading variety for all purposes. Certificated both by the Royal Horticultural and Royal Boanical Societies of London. 25 cts. each, $\$ 2.50$ per doz.

## Spiræa Astilboides.

A popular florists' variety which is now very extensively grown. 20 cts . each $\$ 2.00$ per doz.

## Spiræa Japonica Grandiflora.

When well-grown its flowers are of a pearly white, double the size of the common Spiræa Japonica; close and compact in form, they give the effect of foam piled in pyramidal shape, while the dark green, fern-like leaves make a most pleasant contrast. The plant will be found very useful for table decoration, forces admirably, and being perfectly hardy will be found very suitable for borders. There can be no greater evidence of its value than the fact that it always commands double the price of the old Spiræa Japonica when in bloom. 25 cts. each, $\$ 2.50$ per doz., $\$ 15.00$ per 100.

## Spiræa Japonica.

Flowers not as large as preceding. Strong clumps, 15 cts. each, $\$ 1.50$ per doz., $\$ 750$ per 100.


The complete collection forwarded by express prepaid for



Spirca Astilboides florabunda.


The following varieties mature Iater than most kinds of bulbs, in consequence of which we have decided to make up a valu= able collection for delivery during this month including only such varieties as are then in season.

I Clump of Lily-of-the-Valley,
12 Pips " " "F " $\quad$ fowering in house,

I Clump of Spiræa Japonica grandiflora, I " Spiræa Astilboides florabunda 12 Gladiolus-The Bride,
I Dielytra Spectabile (Bleeding Heart),
I Helleborus Niger (Christmas Rose),

All Bulbs offered in this catalogue are delivered free of extra charge at single and dozen prices.


## SWEET PEAS.

To secure the best result Sweet Pea Seed should be sown in the late fall. Below we offer a selection of the best and newest varieties at much cheaper prices than they will be offered in the spring.

Full cultural directions will be found on each packet.
Adonis. Carmine.
Alba magnifica. Pure white.
Blanche 8 urpee. Pure white (New), 10 cts. per pkt.
Blanche Ferry. Pink and white ; dwarf.
Blushing Beauty. Pink and lilac.
Boreattan. Maroon.
Butterfy. White, tinted lilac.
Captain of the Biues. Blue.
Cupid. Dwarf, white. 25 cts. pkt.
Duchess of Edinburgh. A fine variety, with orange-scarlet standards and
Extra Early Blanche Ferry, 10 cts. pkt.

Fairy Queen. White and rose. Indigo King. Purple.
Invincible Scarlet The best scarlet.
Katherine Tracy. Pink. 10 cts. pkt.
Lemon Queen. Large flower, with white wings and staudards fain ly tinted lemon.
Mrs. Sankey. One of the best pure whites.
Princess Beatrice. Rose.
Princess of Wales. Blue and white.

Queen of England. Yellowish white.
Queen of the Isles. Ssarlet, mottled white and purple.
Senator. An elegant variety of most exquisite coloring; mottled and striped chocolate on a cream-white ground.
Splendor. Pinkısh rose and crimson; a superb variety. of tine form and delicate markings.
The Queen. Deep pink.
Venus. Buff and pirk.
Waverly. Rich claret and purple. Prices, except where noted, 5 cts. per pkt.; 10 cts . per oz.; 30 cts. per $1 / 4 \mathrm{ih}$. per $1 / 410$.; 810 cts. per 1 b .
Standard Varieties. Mixed, 5 cts. per oz.; 15 cts. per $1 / 4 \mathrm{lb}$.; 50 cts. per 1 w .

## PANSIES.

## (Viola tricolor; Heartsease.)

All our seed is saved from the best and most noted growers, both in Europe and America, and is unsurpassed. They should be carefully treated and cultivated in order to produce large flowers and good foliage. Seed should be sown early in autumn preferably in a frame. There is nothing finer than a bed of these showy and popular flowers.
pkt.
B1ack (Faust). Very intense.................. 010
White. With black eye; very effective.... 10
Pure Yellow (The Gem). Fine for borders 10
Striped and mottled. Very pretty....
Bronze. Rich color, and very effective....
Light Blue. \& Beautiful for beds and
Black Blue. masses....................
Emperor William. Blue; the finest of the blues.
Lord Beaconsfield. Violet and white; hands ely shaded.............................
Pres.c.ent Carnot. Blotched (novelty).
Snow Queen. White, pure, no eye; Natiny gloss........................................
Gold Margined. 1 Grand and effective
Violet ${ }^{6}$ f for beds and masses.
Odier, or Five-Biotched. Very large flower $\alpha$, bright rich colors.....................
Giant Trimardeau. A fine strain of very large tlowers................................. large flowers..
Peacock. Beautifuliy marked in gorgeou.
P. $\boldsymbol{\&}$ M.'s Unsurpassed Mixture. This cannot he excelled....................... Good Mixed. A fine strain; ail shades of color.
$\begin{array}{ll} \\ \% & \text { Sweet Pea Collection. } \\ 8 \\ 8 & \text { i packet each of every variety } \\ 8 \\ 8 \\ \text { on this page. All kept separate. } \\ 8 \\ 8 & 8 \\ 8 & \text { Postpaid for } \$ 1 \text { oo. } \\ 8 & 8 \\ 8 & \end{array}$




## CHOICE STRAINS OF FLORISTS' FLOWER SEEDS.

For Summer and Fall Sowing and Winter Flowering.


Cineraria Hybrida Grandiflora.

## CALCEOLARIA HYBRIDA GRANDIFLORA.

We have every confidence in offering our choice strain of Calceolaria hybrida grandiflora, as it is saved from the choicest of collections which in past seasons have been awarded first prizes. The flowers, which are beautiful in form and of large size, are tigered, spotted and selfcolored. Any one wishing to secure a first-class strain for competition can depend on this.

## Hybrida grandiflora, 50 cts. per pkt.

For other varieties and prices see page 28.

## CINERARIA HYBRIDA GRANDIFLORA.

Our strain of this grand florists' flower will be found faultless, both in habit of plant and form of flower, the colors of which are most brilliant and in great variety ;
the seed we offer was saved from our fine collection of named and choice seedling flowers, some of which were on exhibition at our nurseries during the past spring and called forth the admiration of all who saw them.

Grandiflora, Grand Prize, 50 cts. per pkt.
For other varieties and prices see page 28.

## CYCLAMEN PERSICUM GIGANTEUM.



The choice strain we offer of this grand plant is saved expressly for us from select specimens, the blooms of which often measure two inches and over in length, and are produced in great abundance. The broad petals are borne on short flower stalks well above the foliage, which is beautifully mottled.

Seed in separate colors or mixed, 50 cts. per pkt.

For varieties and prices see page 28.

## PANSY.

We certainly do not over-estimate our stock of Pansy seed when we say that it is impossible to procure a more select strain, as it combines all the good qualities that go to make up perfection.

Our Unsurpassed strain, 50 cts. per pkt.
For other rarieties and prices see page 26.


PRIMULA SINENSIS FIMBRIATA.
For some time past we have given great attention to selecting the best strains of this popular plant, and after repeated test with the choicest European strains, have what we beliere to be the most superb in cultivation. We have made arrangements to have seed grown by the most skillful and careful growers expressly for us.
Mixed or in separate colors, 50 cts . per pkt. te For other varieties and prices see page 28.
ONE PACKET EACH OF THE ABOVE FIVE VARIETIES FOR \$2.00.
All Bulbs offered in this catalogue are delivered free of extra charge at single and dozen prices.

## Seeds of Showy Flowers for Conservatory, Home and Garden.

SUITABLE FOR FALL AND WINTER SOWING.

ALISSUM saxatile compactum. Hardy perennial, blooming in early spring; flowers yellow, making very showy borders or beds..... \$0 05 Maritimum (Sweet Alyssum).


Bellis perennis.
BEL_LS perennis (Euglish Daisy) A hardy perennial, best planted in autumn. Flowers full, touble, white, pink and red.
Fine Mixed Unsurpassed
Fine Mixed....
CAI,CEOLARIA hybrida grandifiora. Pretty greeuhuuse plants, with curious slipper shaped flowers of bright colore. Seed best sown in September for winter blooming.
Self colored yarieties mixed,
extra choice struin
extra choice strain...........
Tigered and Mottled Varieties, extra Rugosa. Shrubby; for bedding the coming summer.

CAMPANULA calycanthema (Canter-bury-Bells). Hardy biennial, with handsome, bell-shaped flowers of white, purple and rose color. Best planted in autumn. Mixed colors..
CENTAUREA candidissima. Half-hardy greenhouse perennial, with silvery foliage......
Clementei. Similar to preceding, but with foliage delicately fringed and cut.
Gy1110carpa
Cyanus (Corn-Flower). Hardy annual, with bright blue flowers; excellent for cutting.
CHRYSANTHENIMIMuIticaule (Paris Daisy). Hardy annual Chrysanthemum; flowers yellow.
Inodorum fiore pleno. Double white....
CINERARIA hybrida. Half hardy annual, which for winter flowering should be sown the preceding summer. Much raised by florists.
Very Best Quality Mixed; decorative for winduws..

## Fine Mixed

COBAEA scandens. One of the finest greenhouse or conservatory climbers, and producing a large number of purple, bell-shaped flowers...
A1ba. The same, but with white flowers.
COLIINSIA bicolor. Hardy annual, bear-

- ing purple and white fowers.................................

Verina. Hardy annual, with white and blue flowers
CYCLAMEN Persicum giganteum album. Grand free-blooming plants, much grown by florists. Extra choice English strain. White..
ATRRORUBRUM. Dark red.......................... Roseum. Almost as dainty as an Orchid...... Mixed Colors
DIANTHES barbatus (Sweet William). A hardy perennial. with bright colored fluwers in terminal clusters.
GLOXINIA. These are among the most beautiiul of greenhouse flowering plants, and bloom freely the first year from seed. Best varieties mixed. Extra choice strain.

50
MIGNONETTE (Reseda). Nothing is prettier in the sitting-room in winter than a box of Mignonette in blossom. It will grow in a few weeks from seed, and will produce its sweet-scented flowers in great


Large Flowering
$\$ 005$
Golden Queen. Dense pyramidal growth; spikes of a bright golden yell'w Macher. French. Dwarf, with spikes, sweet dark red flowers..

MYOSOTISA1pestris (Foryet-Me-Not). A dwarf variety of the wellknown hardy perennial, with pretty blue flowers in abundance.
PYICOX Drume mondii. These well-known summer bedding annuals are also much used as pot plants in the bouse, or for cut flowers in winter.
Grandifioraisplendens. Mixed colors....
Separate colors...............................each
PRIMULA. The Primulas are among the finest of flowering pot plants.
Sinensis fimbriata (Chinese Fringed Primrose). Bright colors.
Choicest mixed Varieties.
A1ba. White.............................................. . . .
Rubra. Red.
25
Rubra. Red................................................ 25
Coccinea. Scarlet.
25
Coerılea. Blue.......................................... 50
Globosa rubra. Red.
25
6 alba. White......................... 25
Kermesina splendens.................... 25
Japonica. Mixed colors............................. .. 10
Obconica grandifiora. A great improvement

10

10
25
10
Pkt.

Vulgaris (English Primrose). The yellow Poet's Primrose of England............................
SMIIAX (Myrsiphyllum asparagoides). The well-known tender climber.


Stocks.
TOCKS. If the seed is suwn in the fall and wintered in a cold frame they will come into hloom early the following spring.
Double ten Weeks. Larye Flowering Dwarf. White, Scarlet, Blue, Sulphur Yellow, each separate......

Mixed colors.
10
Perfection. White, yellow, or crimson........each
Brompton, or Winter. White or crimsou and Mixed.................each
VINCA alba, Greenhouse shrub, very free flowering; white.

FOR A COMPLETE LIST OF SEEDS SEE OUR SPRING CATALOGUE.
Seeds offered by the packet or ounce are sent by mail, prepaid, at prices quoted.
All Bulbs offered in this catalogne are delivered free of extra charge at single and dozen prices.

## SH0RT HILLS LAWN GRASS.

 How to Make New or Improve Old Garden Lawns, Lawn Tennis and Croquet Grounds and Bowling Greens.
## LAWN GRASS SEED.

When making a new lawn or renovating an old one by sowing seed, the most important features to be considered are the texture of the soil, and location and surrounding influences. These should be studied before buying or sow. ing the seed, as grass varies, and its adaptability to different circumstances is as diverse as that of any other class of vegetation. This explains to a certain extent, we believe, the secret of so many failures in obtaining successful results from seed in making lawne, and convinces us of the uselessness of offering any one mixture as being suitable for all localities. To obviate this, we have concluded to offer three grades or mixtures which cover the varied requirements.
It is necessary to sow the seer very thickly to get the most pleasing result, sowing not less than four bushels to the acre, or one quart to a piece of ground 20 by 25 feet. In early spring or fall dig the ground well, rake and level it: and after the seed is sown, which should be done on a calm dry day rake the seed in and roll well; or, in the absence of a roller, pack the ground down well with the back of a spade or shorel.
Our seed, which will be found very clean and free from weed seeds is put up in pretty cartons containing one pint, one quart and two quarts. It weighs about 20 pounds to the bushel. Add 10 cents per quart for postage, if to be sent by mail.
No. r. Suitable for exposed, dry, sandy soil, and most suitable for the southern states. Per pt., 15 cts.; per qt., 20 cts.; per per two qts., 35 cts.; per pk. $\$ 125$; per bush., $\$ 4.50$.
No. 2. Suitable for medium, shady or average soil. Per pt., 15 cts.; per qt., 20 cts.; per two gts., 35 cts.; per pk., $\$ 1.25$; per bush., $\$ 4.50$.
NO. 3. Suitable for wo
$\$ 1.25$; per bush., $\$ 4.50$.
When ordering, customers would do well to explain the situation in which they intend to sow, and describe any peculiar influences bearing upon ic, that we may, if necessary, make up a special mixture suitable for their requirements.

## SEEDS FOR PASTURE AND HAY. Permanent or Temporary.

The growing demand for this kind of crop proves that the sowing of mixed pasture seed is no longer an experiment, and those who have given it a fair trial cannot speak too highly in its favor. Autumn and spring are equally desirable seasons for sowing grass seed for pasture, either permanent or temporary, and persons contemplating laying down ground to hay for pasture should write us for particulars concerning the advisability of sowing our mixture in preference to Timothy, the article most frequently used by farmers in this section. Our pasture-grass mixtures are superior to Timothy in many respects, producing a larger crop of nutritious grass; besidts, they are permanent and not liable to be winter-killed.

## Permanent and Temporary Pasture-Grass Mixture.

Our mixture for the above purpose, recommended in ordinary cases for menium soil, to produce grass and clover, should be sown fifty pounds to the acre. Per bushel, $\$ 225$, or three bushels, sufficient to plant rne acre, $\$ 6.50$.

A Superb Orchid, Native of South America, is presented with every order amounting to $\$ 5.00$ and over.

This wonderful plant is carefully packed to carry safely by express to any part of the world, and to insure safe arrival and corsequently perfect success, the goods ordered from this catalogue will be packed with the valuable premium and delivered to the express office at Short Hills, from where the package will travel at purchaser's expense.

## PALMS, FERNS AND OTHER FOLIAGE PLANTS.

IAOST plants are beautiful only when in blossom, which is a small part of the year, but there are plants which are alike attractive, decorative and beautiful in winter as well as summer. Such are the Palms, the Ferns, and the many foliage plants of all kinds.
Palms are among the noblest and most decorative of plants. While in our glass houses we cannot approach the grandeur and magnificence of specimens growing in the open air in the tropics, still we can show many fine specimens from 10 to 15 feet in height, and many species early take
 on their stately form, and are as beautiful when a foot high as when twenty times that height. The small specimens can be used for any purpose-for the parlor, for the hall, for table decoration, etc.-while the larger ones are the grandest and most showy plants that can be had for decorating churches, ballrooms, etc.

As beautiful and almost as easy of treatment are the Tree Ferns, with their branching, finely divided fronds, giving them an individuality equal to that of the Palms. Then there are the smaller Ferns, beautiful in color, texture and outline, and useful for all decorative purposes.

Other plants, among the hundreds cultivated in our houses for the beauty of their foliage, are the following:
Cycads, with spreading, coriaceous, pinnately divided fronds; grand for decorative purposes.
Araucarias. Beautifully symmetrical evergreen conifers from New Zealand and the islands of the South Pacific.
Dracænas, in great variety, with broad green leaves, marked or banded with white or red.
Bromeliads (called Lobster Orchids), with thick, hard leaves with spiny edges; air-plants which, like Orchids, grow on the trees in their native homes.
Pandanus, or Screw Pines, with leaves arranged in spiral form.
Nepenthes, or Pitcher Plants, whose leaves form pitcher-like appendages, which hold water and trap insects.
We are always glad to give estimates for filling greenhouses and conservatories, and template building new greenhouses, or making additions to their collections.
For descriptions, varieties and prices, see our General Illustrated Catalogue.

## HARDY ROSES.

Although everywhere accorded high rank, the Rose is emphatically a flower of the people, loved by all and refusing to grow in no garden where it can have the sunlight and a rich deep soil. We note with regret the advantage taken of its hold upon the people to multiply unworthy and indistinct varieties. The varieties named below, though few in number, are all of the very best quality, hardy, free-growing and free-blooming.

All pot-grown and tender Roses should be planted in the spring or summer, when all danger of spring frosts are over. The hards varieties, if dormant, can be planted either in the fall or spring as preferred; if planted in the spring, the earlier it is done the better it is for the plant. They require a rich soil, which should be well firmed with the feet, taking care not to hurt the roots. All Roses should be moderately pruned when planted in order to obtain the best results, some varieties requiring more, others less. March is the best time for this. During the winter months it is best to give all varieties a slight protection, especially Bengal, Noisette, Tea, and most of the Bourbon classes.

Alfred Colomb. Carmine-crimson.
Anina de Diesbach. Carmine.
Baroir de Bonstettin. Velvety maroon, shaded deep crimson.
Baroness Rothschild. Light pink, of ten deepening to rose.
Coquettedes Alpes. Pure white.
Coquette des Blanches. snow white.
General Jacqueminot. Brilliant crimson.
General Washington. Bright red, shaded crimson.
Johr Hopper. Light rose.

Magina Charta. Rosy red.
Margaret Dickson. New. White,"pale flesh center.
Narshall P. Wilder. Bright crimson.
Mme. Gabriel Luizet. Beautiful pink.
Mrs. Johin Laing. Delicate pink.
Paul Neyron. Deep rose.
Prince Camile de Rohan. Deep velvety crimson.
Silver Queen. Silvery blush, shading to delicate rose.
Ulrich Brunner. Cherry red.

Strong two year old dormant plants, 50 cts. each; $\$ 4.00$ per doz.

## CLIMBING ROSES.

Baltimore Belle. Pale blush, almost white.
Crimson Rambler. Crimson.
Dawson. Deep pink.

Multifiora. White.
Queen of the Prairies. Rosy red.
Strong two year old dormant plants, 50 c . each, $\$ 4$ per doz.

## ORCHIDS an CYPRIPEDIUIIS.

This class of plants, the grandest in the whole vegetable kingdom, is one of our specialties. The stock of Orchids of all sorts is the finest sale collection in America, while the Cypripedium collection, numbering more than 400 varieties, ranks as the finest in the entire world. We import, through our own collectors and correspondents in all parts of the world, thousands of plants of the better varieties, most of which become established in our spacious glass houses before being sent out. We also raise a great number of hybrid seedlings in our own nurseries, having now nearly 1000 such seedlings of Cypripediums alone which have never blossomed. All the rare varieties and sports, as well as hybrids, raised in any of the horticultural establishments of Europe, are secured as soon as they are in the market.

Orchids stand preëminent to-day as the fashionable flower, especially for table decoration at dinner parties, weddings, etc., and, in fact, for any purpose where flowers are required differing from the lovely but well-known Roses and Carnations. There are certainly no finer flowers in any class than the Cattleyas and Lælias, Dendrobiums, Odontoglossums and curious Lady's-slippers. Orchids are easy of culture, if a few cardinal directions are taken into account and followed. Most varieties, inluding many of the very best, will thrive in any ordinary rreenhouse or conservatory where the temperature is rept at from 50 to 60 degrees throughout the year, and may be cultivated with Palms, Ferns, etc. As a guide to hose just taking up the fascinating pursuit of Orchid eulture, we have prepared a little pamphlet, "Orchids for Beginners," which is sent on application. In this will be ound described. with simple cultural directions, the est species for the beginner, all of which may be had at moderate prices.
We make up collections, including only fine plants, at rom $\$ 1.00$ to $\$ 5.00$ per plant; or, if customers desire, we will use our best judgment and experience of long years, o give them the best varieties for any conditions, or to bloom in certain seasons.


## oming Novelties...

In our spring catalogue for this year, under this heading, we made mention of these very promising Novelties for introduction in 1897. They are

The New White Blackberry "Iceberg," The New Silver Variegated Roman Myrtle, Giant Gladiolus, "Ingleside Hybrids."

Full descriptions will be found in our next catalogue, ready January 1st, 1897. Do not fail to secure a copy.

## Hardy Herbaceous Plants.

$B^{1}$Y THIS TERM is meant such plants as may be set in open ground, which will thrive without protection in the winter, and whose foliage dies down to or near the ground each autumn. We have devoted much attention to this class of plants for several years, and now have a collection which comprises all the old garden favorites and our best native varieties, as well as many importations from Europe, north Asia, Japan, Australia, etc. No plants are more useful and none more ornamental. They are border plants par excellence, for, with proper arrangements of sorts, the border will be rich with bright colored flowers from the time the snow leaves in March until it comes again in November. They are also useful for beds, planting in rockeries, in low marshy places, by margins of lakes, etc., and throughout the summer flowers may be cut from them in great profusion They require little care -a fairly good soil to start with, occasional enrichings, a little cultivation, perhaps, in spring, to eradicate perennial weeds, and the cutting down of the old, dead tops is all that is needed.

Among the grand flowers that have been cultivated and improved for ages, which we offer in this department, are the following:
Pæonia, varying in color from the most brilliant crimson through all shades of rose and pink to white, many being delicately sweet scented.
Iris, with flowers of varied colors-blues, reds, whites, yellows-rivaling in their delicate shadings and quaint combinations, as well as their odd shapes, the Orchid blossoms of the tropics.
CIematis, the best of climbers, with gorgeous flowers of scarlet, royal purple, white and all shades of salmon, mauve, etc., many being striped and barred.
Delphinium (Larkspur), with its spikes of blue and white; Aquilegia (Columbine), many new sorts, as well as the old garden favorites; Campanula (Bellflower), blue and white, both double and single; Pyrethrum, Daisy-like flowers of a hundred different styles and shades and colors; Phlox, old garden favorites, with improvements in freedom of flowering, habit of growth, etc.; Primula (Primrose), Poppy, Violet, etc., etc.

We are prepared at all times to make lists of plants suitable for any position, or to give estimates of the cost of planting grounds of any size. Correspondence with those laying out extensive places is solicited.


All Bulbs offered in this catalogne are delivered free of extra charge at single and double prices.

## requisites for the garden and greenhouse.

## COLUMBEA FIOWER TUBS.

These tubs are made of the best pine lumber, which will keep for years without rotting. They are made of 12 staves in tapered shape, held together by two heavy steel wires, which are connected by substantial iron handles, and areso arranged that the wires can be tightened or loosened by turning a nut on the handle.


## FHOWER PO'TS, Standard Make.

In the shipment of Flower Pots the purchaser pays the carriage and assumes all risk. No allowance will be made for breakage, although we pack with the great $\pm$ possible care.



## DOGEERTY'S CEEMICAL MANURE

For Chrysanthemums. Specially prepared for the culture of Chrysanthemums intended for exhibition. Full directions for use with each package.

Per lb., 50 cents. 1 to 3 lb. packages.

## ERRMISCH'S CATERPILI,AR LIME.

This valuable insecticide has been approved and adopted by the Prussian Ministry of Agriculture, Forests and Domains, and numerous other foreign Government Boards, Forestry Departments and Horticulturists, as well as Authorities on Tree Culture in all parts of the United States.

A single trial will convince the most sceptical of the superior merits of the article as an insecticide of the highest order.

As a remedy against such pests as borers in peach, pear, cherry, apple, quince and other fruit and shade trees, fruit bark beetles, apple weevil or curculio on various fruit trees, also canker worms, codling moth, winter moth, gypsy moths, tussock moths, sawflies, bag worms, tent caterpillars, blood louse, tree louse, red spider, ants, aphis, scales, beetles of various kinds, pear psylla and numerous other insect pests it stands unrivalled.

Also to prevent barking of Trees by horses, cattle, deer, rabbits, mice, etc.
$\$ 1$ per 5 lb . tin; $\$ 1.75$ per 10 lb . tin; $\$ 3.75$ per 25 lb . keg; $\$ 6.75$ per 50 lb . keg.

## INSECTICIDES.

Kill M-Right (non-poisonous). 2-1b. can, 50c.; 5-1b. can, $\$ 1.25$; $10-1 \mathrm{~b}$. can, $\$ 2.25 ; 20-1 \mathrm{lb}$. can, $\$ 4$.
Little's Antipest. One of the best insecticides for use in the greenhouse. Pt., 50c.; qt., $\$ 1$; gal., $\$ 3$.
Slug Shot. 5 lbs., 3je.
Hammond's Grape Dust, for mildew. $5 \mathrm{lbs}, 40 \mathrm{c}$.
Whale Oil Soap. Lb., 20c.
Tobacco Stems. $\$ 2$ per 100 lbs.
Tobacco Dust, very finely sifted. Lb., 10c.

## HYYACINTHI GLASSES

Tall-Assorted colors.............................doz., $\$ 150$
Low-(Tye's patent) assorted colors............... ds., $_{1} 150$

KNIVES.


## I.ABELS, WOOden, Pointed.

|  |  |  | Per 100 | 1000 |
| :---: | :---: | :---: | :---: | :---: |
| Pot or Garden, | 4 inch, | Painted. |  | \$0 80 |
| " ${ }^{\text {c }}$ | 5 " | " |  | 100 |
| " $"$ | 6 " | " |  | 125 |
| " 6 | 8 " | " | \$0 50 |  |

## PLANT STAKES.

| Square |  | ainted green, 2 ft |  |  | oz. |  | $\begin{aligned} & 100 \\ & 150 \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | 3 ft . | 45 |  | 300 |
| " | 6 | " | " | 4 ft . | 60 |  | 400 |
| 6 | " | " | 6 | 5 ft | 75 |  | 500 |
| * | " | " | ${ }^{6}$ | 6 ft . | 90 |  | 600 |

## PRUNING SHEARS.

81/2 inch (Wiss' make)........................... each, $\$ 175$
$\square$
91/2 " " "
${ }_{6}^{9 / 2}$ " (Saynor, Eng.)
200
125

## RAPMYA.

For tying
Per lb., $\$ 020$

## PO'TTING SOIL.

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## At the World's Columbian Exposition in Chicago, our exhibits received

## 25 GOLD MEDALS AND DIPLOMAS,

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Collection of Orchids Collection of Hardy Perennials, Display of Bulbs.
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Collection of Tree Ferns.
Collection of Araucarias.
Collection of Ferns,
Collection of Ornamental Foliage Plants.
Collection of Bay Trees.


Display of Floral Photographs. Collection of Cycads. Collection of Iris. Collection of Pyrethrums. Collection of Rhododendrons. Collection of Roses.
Datura cornucopia (Horn of Plenty).
Dioon Spinulosum.
Macrozamia Mackenzii.
Encephalartos Caffra.
Kentia Forsteriana.
Canna, Madame Crozy. Canna, F. L. Harris.

## OTHER HONORS RECEIVED.

## European Awards.

10 Medals and cups awarded by the Royal Horticultural Society of London.
5 Medals awarded by the National Chrysanthemum Society of England.
11 Medals awarded by the Botanical Society of Ghent, Belgium.
2 Medals awarded by the Botanical Society of Berlin, Germany.
4 Medals awarded at the Chrysanthemum Show in Vienna, Austria.
1 Medal awarded at the Chrysanthemum Show in Paris, France.
1 Decoration awarded at the Chrysanthemum Show in Düsseldorf, Germany.
72 Diplomas, First-Class Certificates, etc., awarded by the principal Horticultural Societies of Europe.

## American Awards.

Ten Medals, three Cups, and Jeweled Decoration awarded by the Massuchusetts Horticultural Society, Society of American Florists, New York Florists' Club, and at other competing exhibitions in the United States; in addition to which, during the past five years, we have received from Flower Shows nearly



[^0]:    All Bulbs offered in this catalogue are delivered free of extra charge at single and dozen prices.

[^1]:    All Bulbs offered in this catalogue are delivered free of extra charge at single and dozen prices.

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