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CATALOGUE

OF

Holland Bulbs & Flower Roots

IMPORTED AND FOR SALE BY

R. CUMMING & CO.

SUCCESSORS TO J. KNOX,

Nurserymen, Seedsmen and Florists,

PITTSBURGH, Pa.

THE stock of Bulbs offered in this list has been selected from one of the finest stocks in Holland, and can not fail to give great satisfaction to our customers.

CULTURE OF THE HYACINTH.

Chaste, deliciously fragrant, and free-flowering—at the same time enduring the lowest degree of cold—renders the Hyacinth a universally admired favorite. It will thrive in any rich garden soil. Plant the bulbs as soon after they arrive from Holland as possible; cover them with four inches of earth. Several inches of straw placed over the bed, when there is danger of extreme frosts, will prove advantageous.

THE TREATMENT OF HYACINTHS IN POTS AND GLASSES.

For the growth of Hyacinths, in pots prepare one-half decomposed friable turfy loam, with the remainder equal parts of well rotted manure, leaf-mold, and river sand, well incorporated together; this should, when so prepared, be used in a tolerably dry

state (free from all adhesiveness), so as to admit of a firm pressure without injury. The most favorable season for planting is *October* and onwards. The size of pots is regulated by the space or convenience for placing them; where limited, and a rich massive effect is wished for, those of six or eight inches diameter are recommended, in which three or four bulbs may be placed; but where more convenience is had, a succession of single or double bulbs in smaller pots may be admitted—two bulbs in each is very effective, and generally preferred. In potting, each bulb should remain two-thirds above the surface of the soil, and the base of each bulb should rest upon a stratum of clean river sand at about three-quarters of an inch lower than the rim of each pot, to admit of a judiciously regulated amount of water during the season of bloom. After potting, place them where intended to remain, upon a dry surface of ashes or sharp gravel, in the rotation of their intended periods of bloom (each later potting plunged beyond the previous ones), and thus arranged, water the whole well, to imbed the bulbs firmly within the soil, allowing them to remain until the bulbs and surfaces are again dry (for one or two days); then cover the whole over to the depth of six or eight inches with half-dried tan or pure leaf-mold for six or eight weeks, in which position the preparatory root-growth is made, necessary to a vigorous development of their flower-scapes. After the period adverted to, less or more, the first potted bulbs may be taken up, the soil and sediment carefully brushed off, and removed to a gentle hot-bed, or a warm genial greenhouse or forcing-pit, where, by the aid of a slight root-temperature, the bloom will progressively expand, care being taken to screen the leaf-growth made in darkness for a few days after being disembedded. When an unusually warm spring requires that the covering of tan or soil should be removed from the general stock, the various batches, or pottings, may be removed to cool-pits or frames, east or north aspect (air being admitted early in fine weather, and closed early), until required for the forcing house. A short difference of a week or fortnight between the periods of potting will produce a corresponding difference in the periods of bloom.

For culture in glasses, the bulbs should be so placed that only the base of each touches the water, the supply being given to that effect; they should then be placed within a side recess or upon a shelf, in a cool place, screened from the light, until the roots are considerably developed, before being exposed to the action of sunlight in the drawing-room window or vase. All adventitious or impure matter secreted from the water should be removed by occasionally replenishing the glasses with pure water; no injury is sustained by the operation. After the removal of the bulbs to their position for flowering, they should not be removed from it, except in the case of winter-bloomed bulbs, for the purpose of protection from frost, or chilling atmosphere by night. Rain or soft water is most conducive to their vigor. Many of the fine single-flowered varieties of *Hyacinths* are more effective than the double ones, and, as a general rule, the former succeed better than the latter in glasses.

HYACINTHS.

No.	One or two of a Sort.				
1	Choice assortment of	100	Hyacinths, named		\$20 00
2	"	" 100	" named		15 00
3	"	" 100	" unnamed		12 00
4	"	" 50	" named		11 00
5	"	" 50	" named		8 00
6	"	" 50	" unnamed		7 00
7	"	" 25	" named		6 00
8	"	" 25	" named		5 00
9	"	" 25	" unnamed		4 00
10	"	" 12	" named		3 00
11	"	" 12	" named		2 50
12	"	" 12	" unnamed		2 00
13	"	" 12	" all colors		2 00

Those described as late are unsuited for glasses or forcing.

DOUBLE HYACINTHS.

Proper Time of planting, October to December.

Those marked thus *, are early, and best for forcing in glasses.

DOUBLE RED.

	Each.
*Acteur.....	\$ 25
*Alida Catharine, early and fine.....	25
*Alida Louisa, extra fine.....	30
*Belle Alliance, Black centre extra.....	1 00
*Bouquet Tendre.....	25
Comet, dark eye, superb.....	25
Cœur Fidele, Violet centre.....	25
*Eclipse, very bright and beautiful.....	40
Eudregat, very fine.....	30
General Von Zieten.....	30
*Lady Montagne, extra.....	50
Louisa Carolina, splendid.....	50
*Madame Zoutman.....	25
*Maria Louisa.....	25
*Panorama.....	30
*Princess Royal, splendid.....	30
*Regina, Victoria, most superb.....	30
Neerland's Glory.....	50
*Sir Thomas Grey, superb.....	50

DOUBLE ROSE.

	Each.
*Bouquet Royal, very fine.....	\$ 30
Comtesse de La Corte, extra.....	30
*Czar Nicholas, fine.....	30
*Grootvorst, splendid.....	25

DOUBLE ROSE.—Continued.

	Each.
Honneur d' Amsterdam, very late.....	\$ 30
Gœthe	30
*Prinee of Orange, superb.....	1 00
Shakespeare, exquisite.....	1 00
*Sir Walter Scott, early and fine.....	40
*Temple of Apollo, fine.....	30

DOUBLE DARK BLUE.

	Each.
Albion, magnificent.....	\$ 40
*Alexander, splendid.....	50
*Bonaparte, extra, extra.....	40
*Bouquet Pourpre.....	25
Bride of Lammermoor, extra.....	25
*Directeur Van Flora.....	30
General Antinek, very fine.....	25
*King of the Netherlands, extra.....	25
Kroon van Indie, fine.....	30
*Laurens Koster, splendid.....	75
*Lord Wellington, fine.....	25
*Lord Raglan, extra extra.....	50
*Othello, fine black.....	40
*Prince Henry of Prussia.....	30
*Robert Burus, superb.....	1 00
Sir Isaac Newton, late extra.....	40
Tubal Cain, fine.....	25
Zeebergen, late, splendid.....	1 00

DOUBLE PORCELAIN BLUE.

	Each.
*A la Mode, very fine.....	\$ 25
Bloeksberg, splendid.....	30
*Comte de St. Priest, extra extra.....	40
Comte Benedick.....	25
*Duke de Normandy, very fine.....	30
Globe Terrestre.....	25
*Grande Vedette.....	25
*Madame Marmont, splendid.....	30
Pasquin, splendid.....	25
Rembrandt, exquisite.....	50
*Richard Steel, fine.....	25
*Shakespeare, splendid.....	57

DOUBLE WHITE.

	Each.
*A la Mode, beautiful.....	\$ 25
Anna Maria, extra.....	25
Blanchard, extra extra.....	50
Comtesse de Holland, new.....	40
Duc de Berry, fine.....	30
*Duchess de Bedford.....	25

DOUBLE WHITE.—Continued.

	Each
*Don Grattul, extra fine.....	\$30
Gloria Florum, very fine.....	25
Grand Monarque de France.....	30
*Grootvorstin, large truss, fine.....	1 00
Heroine, splendid extra.....	40
Imperatrice Romaine, extra extra.....	1 00
*Jenny Lind, early and very fine.....	30
*Jeannetta, fine early	25
*Latour de Auvergne, early extra.....	30
La Virginité, fine.....	25
La Dessee, fine.....	25
*Minerva, extra.....	25
*Miss Kitty, very fine.....	25
Passe Virgo, splendid.....	25
Sceptre d'Or, exquisite.....	30
Triumphe Blandine, extra.....	25
Violet Superbe, splendid.....	30
*Virgo, extra fine.....	25

DOUBLE YELLOW.

	Each.
*Bouquet de Orange, fine.....	\$ 30
Cræsus, fine.....	40
*Gæthe, splendid.....	25
Jaune Supreme, finest early.....	40
La Grandeur.....	30
Louls d' Or, fine.....	25
Ophir d' Or, late, splendid.....	25
William the III, new, fine.....	50

SINGLE HYACINTHS.

SINGLE BLACK BLUE.

	Each.
Baron Von Humboldt, superb.....	\$ 50
*La Nuit, splendid.....	40
*La Plus Noire, truly black.....	40
*Mimosa, splendid.....	30
*Othello, fine.....	40
Prince William the I, extra.....	30

SINGLE DARK BLUE.

	Each.
*Americus, fine.....	\$ 25
Bleu Mousque, fine.....	25
Baron Thuijll, very fine.....	25
Charles Dickens, extra.....	25
*Duke of Orleans, splendid.....	40
Fleur Parfalt, very good.....	25
*Kaiser Ferdinand, splendid.....	25
*L'Ami du Cœur, No. 1.....	50

SINGLE PORCELAIN BLUE.

	Each.
*Admiral de Coligny, extra	\$ 75
*Cœur Blanc, fine eye.....	25
*Duke of Wellington, superb.....	40
*Emilius, very fine and early.....	25
*Emperor Franz Joseph, extra.....	30
*General Pelissier, splendid.....	40
*Grand Lila, extra fine.....	30
*Grand Vedette, splendid.....	30
La Surpassante, fine.....	30
*Nimrod, very fine.....	30
*Porcelaine Seepre, fine.....	25
Regulus, extra large bells.....	25
*Staten General, fine.....	25
Voltaire, extra.....	30

SINGLE RED.

	Each
*Agnes, splendid.....	\$ 30
*Amie, fine	25
Appelius, extra.....	30
Belle Quirine, fine.....	25
*Chapeau Cardinal.....	30
*Cosmos, very splendid.....	60
Eldorado, extra	25
*Fireball, very bright.....	30
*Homerus, very early.....	25
*Jenny Lind, fine.....	25
*Lady Peel, fine new.....	50
*Lord Derby, splendid.....	40
*Madame Hoog, beautiful	60
*Mars, splendid.....	25
*Miss Nightingale, splendid.....	60
*Prima Donna, superb lustrous color.....	60
*Princess Alexandra, most superb.....	75
*Princess Anna, splendid.....	25
*Queen Victoria Alexandrina, a superb variety.....	40
Queen of Beauties, extra	50
Robert Steiger, superb.....	25
Satella, brilliant, splendid.....	30
*Souvinier, fine.....	25
*Von Schiller, superb.....	1 00

SINGLE ROSE COLORED.

	Each.
*Emilius, early, fine.....	\$ 25
Grand Vanquer, fine large truss, new ..	40
*La Adorable, superb.....	30
*Lord Wellington.....	25
*Maria Theresa, large truss.....	25
*Minster Torbeeke, most beautiful.....	30
*Norma, very early.....	25

SINGLE ROSE COLORED—Continued.

	Each
*Princess Charlotte, extra.....	\$ 50
*Queen Victoria, magnificent.....	60
*Sultan's Favorite, fine.....	25
Talma, very fine.....	25
Temple d' Apollon, extra.....	25

SINGLE WHITE.

	Each.
*Alba Maxima, most superb.....	\$ 50
*Alba Superbissima, splendid.....	30
*Albion, very fine.....	30
*Anna Paulowna, splendid.....	25
*Baron Thnyl, extra large.....	50
*Blanche Formidable, fine.....	30
*Cleopatra, beautiful.....	25
*Crown Princess, splendid.....	30
*Elfride, early.....	25
*Favorite Blanche.....	25
*Grand Blanc Imperial, fine.....	25
*Grandeur a Merveille, splendid.....	25
Grand Vedette, extra.....	25
Hercules, splendid, rosy shaded.....	25
*Koningskroon, splendid.....	25
*La Belle Blanchesseuse.....	40
*La Virginite, very fine.....	40
*Lord Granville.....	25
*Lady Havelock, superb.....	40
*La Candeur, very fine.....	25
*La Pucelle d' Orleans.....	25
*Mammoth, splendid.....	25
*Madame de Stael.....	30
*Madame Talleyrand.....	25
*Monarque du Monde, fine.....	25
*Miss Nightingale, superb.....	75
*Pavillon Blanc.....	30
*Premier Noble, very early.....	25
*Prince de Galitzin.....	25
*Queen Victoria, splendid.....	30
*Queen of the Netherlands.....	30
*Reine Blanche.....	25
*Reine de Hollande.....	25
*Rosseau.....	25
*Seraphine, superb.....	30
Torquato Tasso, superb.....	30
Themistocles, very fine.....	25
Vesta, splendid.....	25
Virgo, charming.....	20

SINGULAR COLORS.

	Each.
King of Holland, Nankeen, very early.....	\$ 25
Herman, mauve, striped with rose.....	3 0
Neerland's Glory, orange mauve.....	25
La Singuliere, double nankeen.....	25

TULIPS.

Plant in October, November and December.

In ordering Tulips, it will be necessary to mention whether they are required for *pots* or for *open ground culture*, so that the most suitable selection may be made for the purpose for which they are wanted.

The most valuable class of hardy bulbs for decorative effect, in groups and beds, during the early spring months, are those which comprise the following section of early-blooming Tulips. The absence of difficulty in their culture, and their requiring no protection whatever after planting, brings them within the scope of all lovers of flowers in proportion to their allotted space for bedding or border plants, which they are admirably adapted to precede, thus coming in during the months previous to planting the summer-flowering bedding stock. The varieties enumerated are a selection from probably the largest collection in Europe, and include the most ornamental and effective kinds yet known. The colored selfs consist of the most beautiful bright scarlet, crimson, white, and yellow cups, each in their distinctive features of colors from six to eight inches in height, and in the parti-colored class, varying to diversely-colored ones of the same dwarf and diminutive stature, in snow white ground tints, striped and feathered with the richest violet and cerise crimson; these again are finely contrasted with the golden yellow ground Bizarres, flaked, banded, and feathered with the rich bronze red and crimson. The pure self and parti-colored kinds of a taller size in each class are well adapted for grouping in select borders and shrubberies. The grand effect produced by well-arranged masses of these bulbs cannot be given in descriptive terms; they must be seen to be duly appreciated. No other tribe of plants, either of early or late-blooming character, combines so much picturesque effect and so much glowing combination of color with the same neat and diminutive style of growth.

No.					
1	choice assortment	100 bulbs,	in 20 early-flower'g varieties	\$4	00
2	"	100	" 20 late "	"	4 00
3	"	50	" 10 early "	"	2 50
4	"	50	" 10 late "	"	2 50
5	"	24	" 12 early "	"	1 50
6	"	24	" 12 late "	"	1 50
7	Mixtures for garden planting, 100 bulbs.....				3 50
8	"	"	" choice selection (new) 100...	10	00

SINGLE EARLY TULIPS.

	Each.
*Belle Alliance, scarlet extra.....	\$ 15
*Beauty Parfait, cherry and white, splendid.....	15
*Bizard Verdikt, brilliant carmine, gold striped.....	5
*Bride of Haarlem.....	25
*Camellion, white, finely striped.....	10
*Canary Bird, golden yellow.....	15

SINGLE EARLY TULIPS—Continued.

	Each.
*Cottage Maid, striped, very pink, superb.....\$	20
*Colour Cardinal, extra brilliant, gold and crimson..... ..	15
Cœur de Brabant, yellow and crimson.....	15
*Dorothea Blanche de France, fine for forcing, red and white.....	20
*Duc d' Orange, orange and red.....	5
*Duc Van Tholl, red, very fine.....	10
* " " white, extra.....	25
* " " yellow.....	15
* " " rose.....	5
* " " scarlet.....	10
* " " gold laced.....	15
*Duc de Lorraine, fine red, orange bordered, extra.....	10
*Duchess de Parma, fine.....	5
Duchess of Austria, large orange, yellow flamed.....	10
Ferdinand Bol, purple and yellow.....	15
Globe de Bijant, white and purple.....	15
*La Pluie d' Or, golden yellow.....	5
*Hobbema, purple border, with white... ..	10
*Pottebaker, yellow and brown.....	10
Paxalba, white.....	10
*Purple Crown, dark purple.....	10
*Queen Victoria, new rosy white.....	5
*Rose Gris de Lin, superb.....	15
*Rosa Mundi, white and rose.....	5
*Thomas Moore, fine orange.....	5
*Vermillion, very brilliant.....	25
*Wonwerman, splendid.....	25
*Wapen Van Leijden, rose-shaded white.....	6

DOUBLE TULIPS.

	Each.
*Admiral Kingsbergen, splendid golden yellow,..... \$	5
*Blue Flag, violet blue.....	5
*Blanc Borde, purple,... ..	5
*Duc Van Tholl, red,.....	5
*Duke of York, carmine and white,.....	10
*Epanlet d' Argent, striped.....	25
* " d' Or, scarlet,.....	25
*Gele Roos, yellow rose,.....	5
*Gloria Mundi, dark violet,.....	10
*La Candeur, white extra,.....	15
*Mariage de Ma Fille, extra extra,.....	15
*Pæonyred, fine red,.....	5
*Princess Alexandra, crimson and yellow, splendid,.....	10
*Purple Crown, fine dark purple,.....	5
*Rex Rubrum, very fine,.....	10
*Rosine, splendid, rose,.....	10
*Tournesol, purple and yellow,.....	10
*Titian, red gold bordered,.....	15

PARROT AND OTHER TULIPS.

	Each.
Parrot Virldiflora, large red,.....	\$0 15
" Admiral of Constantinople, red,.....	5
" Conuta,.....	6
" Caffebun, orange,.....	5
" Fine Mixed,.....	5
Elegans, brilliant scarlet,.....	15
Gesneriana, superb scarlet,.....	5

ARUM.

Very showy hardy plants, quite rare in American Gardens.

	Each.
Dranunculus Niger,.....	15
Maculatum, ...	15

THE CROCUS.

As one of the earliest ornaments of the flower-garden, it is a universal favorite, being neat, dwarf, and compact in growth, and varied in all the essential shades of color for producing harmony of effect, either separately or blended together. The principal adaptation of this bulb consists in its suitability for planting sufficiently near to the margin or edge of flower borders, beds, &c., as not to require removal, or in forming lines or edges entirely of such, in their relative colors.

The principal months for planting are October, November, and December, in ordinary rich garden soil, placing the bulbs about two inches deep, and four to six inches from the margin or edge, each group of six to eight or more bulbs being planted in its own relative color, or otherwise in blended varieties, as taste may prefer. These will improve in beauty for some years, if not disturbed.

To secure a succession of bloom in pots, commence early in the first-named month, with six or eight bulbs in each well drained pot, using the same rich soil about an inch deep; and thus planted, place the pots upon a surface of ashes, covering them over one inch deep with soil, tan, dry leaf-mold, or sand, until the leaves appear through the soil, when they may be removed, neatly surfaced, and the pots either placed within a pit or frame or upon a greenhouse stage for a few days, and, if required, then placed in the drawing-room stand. The later succession pots may be plunged as described within a pit or frame, and from thence at stated periods supplied to bloom in the greenhouse or drawing-room. When planted within fancy saucers or vases, in sand or chopped moss, or in a mixture of both, and prepared by cool treatment within the frame or pit for a few weeks, admit light and air freely in mild weather, and in such positions keep, but uniformly moist, applying water more freely as the growth and bloom advances.

No.	Per doz.	Per 100	No.	Per doz.	Per 100.
1 Blue,.....	15c.	1.00	7 Variegated,..	15c.	1.00
2 Cloth of Gold,.....	15c.	1.00	8 Versicolor,.....	15c.	1.00
3 Cloth of Silver,.....	20c.	1.50	9 White, ...	20c.	1.50
4 Cloth of Purple,..	20c.	1.50	10 Yellow, ...	20c.	1.50
5 Purple,.....	15c.	1.00	11 Large Golden,.....	20c.	1.50
6 Saffron,.....	15c.	1.00			

	Per doz.
Alblon, dark violet striped,.....	\$0 25
Alletta, superb large white and violet flamed,.....	75
Argus, beautiful brown violet and white,.....	30
Bicolor, fine lilac, white tipped,.....	25
Miss Beecher Stowe, best pure white,.....	25
General Garibaldi, extra dark purple,.....	30
Louis Napoleon, splendid purple and white,.....	30
Mont Blanc, large white,.....	25
Miss Mina, white violet feathered, extra,.....	25
Non Plus Ultra, fine blue,.....	25
Othello, superb dark purple,.....	30
Prince Albert, large brilliant purple, ...	30
Princess of Wales, most beautiful dark purple	40
Sir Walter Scott, splendid,.....	25
Sir John Franklin, dark, extra,.....	40
Vulcan, extra dark purple,.....	30
Cloth of Gold, extra fine,.....	25
Cloth of Silver, extra fine,.....	30
Cloth of Purple, extra fine,.....	25
Speciosa, blooms in autumn,.....	75
Large Yellow, extra roots,.....	25
Saffron,.....	25
Versicolor, ...	25

CROCUS MIXTURES.

	Per doz.
All Blue and Purple,.....	\$0 25
All White, ...	20
All Striped and Variegated,.....	25
All Colors Mixed,.....	25
Seedings, very beautiful,.....	25

FRITTELARIA.

Possessing very striking colors. This plant looks well in groups.

	Per doz.
Meleagris, twenty-five sorts,.....	\$2 00

CANNA.

	Each.
Crimson and Orange, large roots, very fine, ...	\$0 25

IRIS.

	Each.
English, twenty-five superb sorts, named, ...	\$0 10
Spanish, " " "	8
German, fifty " "	20

SNOW DROPS.

	Per doz.
Double, very fine, ...	\$0 50
Single, ...	30

JONQUILS.

These are varieties of the Narcissus, and are natives of the South of Europe. They have yellow blooms, which diffuse a most powerful fragrance. They are cultivated in glasses, pots, or the open ground. As the bulbs are small, four or five roots may be planted in a five inch pot.

	Each.	Per doz.
Double Sweet-Scented, extra size bulbs, ...	15	\$1 50
Single "	05	50

POLYANTHUS NARCISSUS.

The value of Narcissus flowers in early spring for indoor decoration should not be overlooked, as they are plants of the most easy culture, with the fragrance of the Jonquils, and grown in pots may be forced early. The Double Roman is very suitable for early bloom, producing a succession of flowers throughout the spring; they may also be grown in glasses like Hyacinth—two, three or four bulbs should be planted in one pot, if masses of flowers are desired.

	Each.
Grand Soleil d' Or, ...	\$0 5
Bazelman, Minor, extra, ...	10
Demo Clitus, extra, ...	10
Gloriosa Superba, fine, ...	10
Grand Monarque, large, ...	10
Etoile d'Or, ...	10
Grootvorst, ...	10
Staaten General, ...	6
Biflorus, ...	5
Poeticus, ...	5
Trumpet Major, ...	5
Trumpet Sulphur, ...	5

DOUBLE NARCISSUS.

	Each.
White Sweet Scented,.....	\$0 10
L'incomparable, ...	5
Orange Phoenix,.....	5
Silver, ...	5
Van Lion, ...	5

GLADIOLUS.

The several sections of this tribe, in their hardy and half-hardy divisions, constitute one of the finest features of the flower garden during the late summer and autumn months. Their neat, erect, graceful style of growth, and adaptation to common soils and mixtures, render them fitted to impart a very gorgeous and telling effect to gardens on the most select or extensive scale, and they are moreover specially suited for pot culture.

In growing Gladioli, of various sections, it is important that the ground shall have been previously deeply dug and lightened some time before planting, especially in gardens defectively drained or on level sights, as the most obvious means of averting the injury arising from excessive moisture during heavy rain, or wet seasons generally. It is also advisable to change the place of their growth each year to the adjoining beds alternately, not returning to the previous ones until the third season hence.

In planting, the smaller bulbs should be covered from one and a half to two inches, and the largest about three inches. In very retentive heavy soils the bed or clump may be advantageously raised two or three inches above the level, by stone margins or other material, according to taste.

While excessive moisture is well known to be injurious to bulbs generally, yet, in continuous dry weather, water should be applied, and freely so, at intervals, if the season requires it.

The manuring of ground for bulbs, as a general rule, should be done in the interval seasons of rest, or change to the growth of plants, the benefit from which would be received by the bulbs in each season, or a removal to alternate beds.

	Each.	Doz.
Brenchleyenses, very showy,.....	10	50
Cardinalis, Scarlet, ...	10	75
“ Roseus, profuse and early bloomer, very beautiful,.....	10	50
Floribundus, fine,.....	10	50
La Singuliere, brilliant purple with carmine feather, very attractive, ...	10	50
Formosissimus, brilliant scarlet,.....	10	55
Non Plus Ultra, one of the finest.....	10	70
Queen Victoria, very fine,.....	10	70
Tristis, green sweet scented,.....	15	1 05

CALADIUM ESCULENTUM.

A grand foliaged plant, producing a showy effect when planted on the margin of water, or in groups on a grassy plot. Strong roots, each 50c., per dozen, \$4.50.

LILIUMS.

The species adapted for the most general effect in flower gardens, conservatories, &c., may be referred to as follows:—

L. Auratum: this species is one of the most beautiful of Lilies; its mature growth attains to 4 or 6 ft. in height, but blooms generally by pot culture 2 to 3 ft., the flowers being produced in wide paniced racemes, as in the well known *L. lancifolium* (*speciosum*).

L. candidum is the well-known white hardy garden Lily, from 4 to 5 ft in height, with large racemes of snow white fragrant blossoms, suitable for large central groups in beds or arboretums.

L. chalcedonicum, as the true scarlet Martagon Lily, is also adapted for shrubberies and arboretums, rising 4 to 5 ft. in height, with large terminal open panicles of brilliantly colored recurved blossoms.

L. longiflorum is the large and beautiful snow white, trumpet-flowered fragrant hardy species, from 12 to 18 in. in height, admirably adapted for bedding or large store specimen pots for greenhouse and conservatory decoration.

L. eximium, is of a similar outline to the last one, but is of a larger growth, somewhat taller, often producing larger racemes of bloom with flowers of wide expansion, equally hardy, but more conspicuous from its larger growth, and highly valuable for the similar object of conservatory decoration.

L. speciosum and its varieties are amongst the most splendid of all Lilies for interior decoration in cool plant houses during the late summer and autumn months, the different varieties varying from self white to rosy blush, and rich crimson spots on snow white ground color.

L. canadense and *superbum pyramidale* succeed best in a bed of peat or heat soil; and where that is not attainable, equal portions of half-decomposed leaf-mold, wood ashes, and decayed branches, thoroughly mixed with river sand to one-third of the whole portions, is a good substitute. In planting, cover each bulb with a clean stratum or layer of the last-named material.

L. giganteum, *G. cordifolium*, and *japonicum*, are not as yet proved strictly hardy, and therefore would be best potted after the blooming season, and preserved in a cold pit or frame to be again replanted out in spring. Where this precaution is inconvenient, the surface pots of these kinds in the beds should be covered with a heavy layer of dried tan, wood ashes, or sawdust. The remaining kinds are recognized as hardy species, and will thrive in good sandy loam, or a mixture of loam and peat.

To aid amateur cultivators in forming selections from this noble genus, the following divisions will be of use:—

L. bulbiferum and its varieties, *aurantiacum*, *atrosanguineum* and its varieties, *Dauricum*, *Kamtschatkense*, *Thunbergianum*, and *venustum*, produce open cup or saucer-like formed flowers, after the form of the well known Orange Lily.

L. canadense, *Chalcedonicum*, *Colchicum Martagon*, *Pomponium*, *P. aurantiacum*, *superbum pyramidale*, and *Tenuifolium* are species with the turbinate or Turk's-cap formed flowers, like the well known Martagon Lily.

L. giganteum, *G. cordifolium*, and *Thompsonianum* are flowers of a drooping bell-shaped outline.

L. speciosum and its varieties, and *tigrinum*, are the large spreading turbinate or Turk's-cap, well distinguished by the fine varieties of *L. lancifolium* (*speciosum*).

L. candidum and its varieties are the much admired common White Garden Lilies in their varieties.

	Each.	Doz.
Anratum,.....	S 1 00	\$10 00
Candidum, single, ...	15	1 50
“ double, ...	30	3 00
“ spotted (maeulatum),.....	30	3 00
“ speciosum,.....	40	3 50
Camschatkens, orange,.....	40	3 50
Crocenum,.....	30	3 00
Excelsum, (nankcen),.....	40	3 50
Eximium, ...	75	6 00
Lancifolium, Album, white (Japan),.....	50	5 00
“ Punctatum, ...	50	5 00
“ Speciosum, (dark red),.....	40	3 50
“ Rosenm, ...	20	2 00
“ Monstrosum, (white),.....	50	5 00
Longiflorum, ...	20	2 00
Martagon, purple,.....	20	2 00
“ orange and yellow,.....	25	2 50
Perenaleum, yellow fine,.....	25	2 50
Superbum, (canadense),.....	25	2 50
Tigrinum, ...	10	1 00
Umbellatum, 4 named sorts, choice,.....	30	3 00

DOUBLE RANUNCULUS.

The Ranunculus, of a symmetry of form and brilliancy of color, is unsurpassed, possessing all the varieties and hues which are recognized amongst flowers. Plant in good rich deep garden soil. It requires careful treatment, and should be covered with a heavy layer of tan or leaves as a protection from frost. They can be grown in pots in the house or green-house.

	Each.	Doz.
Turban, black	5	50
“ golden, ...	5	50
“ orange, ...	5	50
“ carmine, ...	10	75
“ scarlet, ...	5	50
“ spotted, ...	5	50
“ yellow, ...	5	50
“ white, ...	10	75

DOUBLE ANEMONES.

Very handsome and showy. Treat same as Ranunculus.

	Each.	Doz.
25 finest named sorts,.....	10	75

CROWN IMPERIALS.

A very showy, hardy plant. Once planted in common garden soil, it requires no further attention. Plant in September or October. They will not keep long out of ground.

	Each.
Double, yellow, ...	S 1 00
“ red, ...	75
Single, yellow, ...	75
Silver, striped, ...	1 00
Gold “	50
Crown upon Crown, ...	25
Aurora, light orange, ...	30
Sulphurine, orange dark striped, ...	50

LILY OF THE VALLEY.

The exquisite fragrance and delicate beauty of this simple flower is so well known as to require no description.

30 cents each. \$3.00 per doz.