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ILLUSTRATED DESCRIPTIVE CATALOGUE

OF

# CHOICE HARDY PERENNIALS



A GROUP OF PLANTAIN OR DAY LILIES.

GROWN AND OFFERED FOR SALE BY THE

## **READING NURSERIES,**

READING, MASS., U.S.A.

Established in 1854.

JACOB W. MANNING, FOUNDER AND PROPRIETOR.

**NOTICE.**—The Reading Nurseries are within a few minutes' walk from either the Reading or Reading Highlands stations of the B. & M. R.R., Western Division, 12 miles from Boston. Thirty minutes' ride from Boston, Lawrence, or Lowell. Sixty or more passenger trains pass by the Nurseries every week-day, giving ample facilities for the convenience of visitors.

## TERMS, CASH.

Remittances may be made by Postal Note or Order on Reading P.O. or Boston, or by draft on Boston or New York.

**Delivery.** Packages are delivered in good condition to freight or express office at Reading, free of charge, after which our responsibility ceases; the forwarders alone must be held responsible for loss or delay in transit.

**Packing.** All plants are thoroughly packed in moss and other material, to protect from drying or injury in transit, for which a small charge for labor and material expended is charged.

**Directions.** Give careful directions for marking packages, otherwise we will use our own discretion as to the best route.

**Errors.** Any errors that may occur in filling orders should be reported immediately for correction. If not notified within ten days of date of shipment, complaints cannot be entertained.

**Warranty.** All our plants leave us true to name and in good condition. We assume no responsibility for poor success in after-culture or the effect of bad seasons.

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## SEASON OF SHIPPING.

All plants which bloom previous to August are best transplanted from August to frost, as well as all spring and summer flowering bulbs. Lilies can be planted from September until frost, or in very early spring when it is not possible to plant them in the fall. Plants blooming in the fall can be transplanted immediately after flowering until frost, or in the spring.

The most favorable season for general planting of these plants is from August to frost, or from April to June in spring.

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## VISITORS.

The Nursery Grounds are open at all times to the inspection of visitors, who are most cordially invited to come and see us at any time, especially during the spring, summer, and autumn seasons, when the Hardy Flowers can be seen to their best advantage, as well as the thousands of trees and shrubs, where their various distinctive merits can be seen in their best effect and condition.

The Nurseries are included in three lots,—the Home Grounds, nearest the R.R. station, where the Hardy Flowers are mostly grown; the Upper Nursery, where the largest variety of Trees and Shrubs can be seen, which is but a short distance from the Home Grounds; and the Dewey Lot, which is one mile to the north-west of the Home Grounds, where hundreds of thousands of Shade Trees, Shrubs, and Evergreens can be seen.

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*From 1847 to the present time the Proprietor of the Reading Nursery has devoted his energies, in growing Trees and Plants, to produce fruit, flower, and shade effects, beauty in comparison of form and foliage, and protection from sun and wind. He is yet in the WORKING HARNESS. He asks all who believe in his productions to come and see what he has done for himself. Remember, those who can do something for themselves are most competent to aid others by their own methods. In our case, by planting trees any landscape can soon be changed.*

## INTRODUCTION.

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We again present our friends and patrons with a new edition of our Perennial Catalogue.

Our facilities for furnishing Hardy Herbaceous Plants are now unexcelled by any other firm in the United States, while our facilities for packing and filling orders are the best. Our collection now includes all the best species known to cultivation, and, with our numerous collectors, we can furnish all plants desired, whether native or foreign, and in quantities to suit.

We would have all remember that we can also furnish all Hardy Trees and Shrubs desired, and our reputation in this line is unequalled. Our collection of Hardy Trees and Shrubs, both Evergreen and Deciduous, as well as Climbing Plants, and our facilities for their cultivation and sale, are unexcelled. For thirty-five years we have been contributing to the embellishments of the suburban and country residences, parks, streets, and gardens of New England, and the Reading Nursery is a byword for first-class stock by our numerous friends. We have laid out many of the finest grounds to be seen in our own and neighboring States, while few, indeed, are the public or private grounds which have not some representatives of our stock, while many are almost entirely supplied by us. We have taken up the cultivation and dissemination of Hardy Plants for the last few years, knowing that their value is such as to warrant their extended and popular use. Hardy Flowers are now fully admitted to be the flowers of the future, and no one with a full knowledge of the subject disputes their great advantages over tender plants for use in flower-gardens and bedding, — not that they or we desire to exterminate the bedding systems or the use of tender plants, but to use each in their proper place, and not to use one at the expense of the other. Both have their uses, and both are most desirable, but for general use in flower-gardens, and for the greatest return for the least money, the Bedding Plants are inferior to Hardy Plants in desirable results. Let us look at the matter. All who have had experience with bedding-plants know of the enormous expense and care necessary to produce satisfactory results. When one takes into account the expense incurred in propagating-houses during the winter, the care and attention necessary to the raising of the thousands of tender plants, their protection from frost, hardening-off in spring, and their constant renewal each year, with their planting in May or June, a season at which the flower-garden should be a mass of beauty, he commences to realize that he does not receive the return for his expenditure which it is fair to expect. Now, with the expenditure of one year's cost of bedding-plants, in Hardy Flowers, one may obtain results far more satisfactory, and, instead of an utter blank of flowers in spring and late fall, as with bedding-plants, one may secure a continuous succession of bloom, and in a variety which it is impossible to obtain with tender plants.

What can be more beautiful than the fragrant Windflowers or Anemonæ, the Forget-me-nots, the Early Irises, the Alpine Rock Cress, the varieties of Moss Pinks, the Candytufts, and many other spring flowers which are never seen in bedding work, and which are so delightful in nature? and, continuing the season, there is nothing more beautiful in tender plants than the Giant Oriental Poppy. Neither can Orchids rival in form and color the beautiful Irises in their exquisite variety, while the Pyrethrums, Bluebells (Campanulas), Iceland Poppies, Pinks and Carnations, Early Phlox, Coreopsis, Pæonies, Jacob's Ladders, Day Lilies (Hemerocallis), Milkweeds, Columbines, Spiderworts, Bleeding-Hearts, Gaillardias, and an infinite variety of other early summer flowers give results which far overshadow anything that can be produced by bedding-plants, and so on throughout the season there is no time but that may be occupied by some handsome class of Hardy Plants. Even in the season of frosts, the Japan Anemonæ, the various Asters, and the beautiful Desmodium, and many others, persist in flowering in spite of the frost-king, although finally overpowered.

Another point worthy of general consideration is the fact that one can obtain in Hardy Plants such as are adapted especially to *any desired situation*. With tender or bedding plants it is imperative to have the richest and deepest soil possible, or else unsatisfactory results are sure to follow. How different with Hardy Plants!

The driest and most discouraging spots of one's grounds may easily be made places of beauty and interest as well as can also the most discouraging bog or stagnant pond. Ledges of uneven surfaces are most attractive homes to the various Sedms and Sempervivums, whether exposed to the sun or partially shaded; here in the most shallow drained soil they will thrive and present a carpet of verdure most refreshing, while the crevices and shaded spots are most satisfactory homes to the numerous (Drabas) Whitlow-Grass, (Arabis) Rock Cress, (Achilleas) Yarrows, (Aquilegias) Columbines, and the numerous other plants for similar situations, while the various ferns add charms in their great variety of color and form of growth which are effective and lasting.

In such places one can easily arrange a Rock Garden of lasting beauty, and one which will give flowering effects from earliest April to hard frost, and year after year, while the various Evergreen plants, suited to such situations, prevent any undue bareness of surface in winter.

Bogs, sluggish or rapid streams, lakes, and ponds can all be made places of interest and beauty by a careful selection of plants suited to such situations, of which there is an all-sufficient variety.

Nor do not forget that all these are of easy culture, and once obtained and reasonably used, will bloom each year in increasing beauty, and, instead of a yearly output of so much money for a repetition of this or that piece of flashy patchwork, you can obtain a permanent and lasting result of much greater beauty. The choice is whether you will have your garden occupied a third of the year by a few families of plants, not particularly distinguished for beauty, which may bloom well or not, and present as little variety as possible, or will you have your garden a home for a selection of the most varied and beautiful of Nature's floral productions, presenting a continual succession of lovely and ever-changing forms and colors during three-fourths of the year.



Bed of *Trillium grandiflorum*, in shade.

## WE ARE PREPARED

to superintend or prepare plans and estimates for the laying out of all kinds of Landscape Work, especially

### SUBURBAN, COUNTRY, AND SEA-SHORE GROUNDS

of any extent; also,

Flower-Gardens, Borders, Rockeries, Ferneries, or Wild Gardens.

Our facilities for such work are complete.

Our great experience in the use of plants as to adaptability of soil and exposure, as well as foliage and flower effects (a study requiring extended attention), enables us to produce desirable and lasting ornamental effects which it is of advantage to those with a less experience to avail themselves of.

All particulars furnished on inquiry.

# THE CULTURE AND USES OF HARDY HERBACEOUS PERENNIALS.

There is such a diversity of situation and native habitats of Hardy Herbaceous Perennials that no general rule can be given as to their culture. Most varieties are admirably suited to any common garden soil, while the model soil for a border of Hardy Plants is a good, deep loam, well enriched with manure and deeply and finely worked previous to planting the subjects, then, with proper care as to keeping away weeds, etc., often no further care is needed for several years. There are, however, some Hardy Plants which, on account of their native habitat, are not adapted to a flat border, but which require a well drained, dry soil; others a moist situation; while others prefer and even do best on parched soil of the poorest description. These, when they are described in the enclosed catalogue, have special directions as to cultivation.

As to the use of Perennials, such is their variety of form, foliage, flowers, and habits of growth, that one can find among the list such plants as are adapted to produce any result desired in our gardens. Where can one find among tender plants anything to rival in sub-tropical effects a well-made bed of Yuccas in full bloom, or a well-grown specimen of the Variegated Giant Reed (*Arundo donax* var. *variegata*) or a clump of Zebra or Striped Grass? or what can surpass the broad foliage of the *Acanthus*, or the Giant Rhubarb? and where can one form of bedding-plants such charming clumps of ornamental foliage and fragrant flowers as can be produced with the White Plantain Lily? These and a thousand other examples could be mentioned where most desirable pleasing results can be formed with Hardy Plants.

## THE FLOWER BORDER

Is one of the most desirable adjuncts to any well-kept place, but it should not be badly made or put carelessly together as is often done, as many people think that if Hardy Plants are such they need no particular care or attention, but that if stuck in the ground they should produce the best results possible, without further care.

Now any fair-minded person must know that any plant, to produce best results, must have good care or cultivation. Let one plant the fashionable coleus and geranium in a bed of rocky gravel, without nourishment, and he gets poor results. Now why not the same with other plants, whether hardy or tender. If every one would bear in mind the axiom, that what is worth doing at all is worth doing well, and apply it to the garden, one would no longer allow his gardens to become tangled masses of weeds and a few desirable plants. A flower-border should first be in good soil; if not already such make it good; mix throughout the present soil a good lot of good, rich loam, also liberally manure the whole, and then thoroughly mix the ingredients even to the depth of two feet, and you then have a good foundation for a hardy border which will give results worthy of the name. The border may be situated in front of a bed of shrubs, in which case care must be taken to prevent the roots of the shrubs from drawing away the nourishment from the soil of the border.

Dig deeply between the shrubs and border to cut such roots as may have entered into the latter; in this way no bad result follows such a situation. But, to produce the best results, let not the bed of shrubbery be of formal shape, and the border a dotted, mixed, misstudied choice of plants, which would only produce a miserable effect, but let the edge of the shrubbery be broken, and let the perennials enter into the spaces between the shrubs, and thus produce charming effects of flower and foliage among the whole. There is no shrubbery, properly such, with sufficient space between the plants for development, but that may be increased in beauty by the use of perennials along the edge and between the spaces. A group of lilies towering above the dense foliage of the shrubbery, a mass of Barwort in healthy growth in the partial shades, a group of Cardinal-flowers in their showy beauty, or a clump of fall-flowering Phlox, add charms which are most attractive.

A careful selection is necessary for such a border in order to prevent bad results. Do not select too many tall-growing plants, which will require staking, or overshadow in size the shrubs; rather a few select specimens, which will give a variety and added charm. To the front of the border use lower-growing plants, with an occasional medium-sized one at irregular intervals. Do not be formal, but rather approach Nature in her kindly variety. Use low-growing plants freely, even towards the rear of the border, where they may be seen through vistas of other taller plants, their carpets of foliage and flower giving good effects.

If the border is against a wall or building, one need not be so careful about using the larger-growing perennials, as they will give a desirable variety of flower and foliage which is well set off usually by the background; but if, however, such detracts from the whole, cover the detracting object with climbing roses, or clematis, or ivies, or woodbine, or others of the numerous climbers, which will add great charm to the whole. Here one need not fear the invasion of roots and shading of branches, and many charming results may follow, since all classes may be freely used. By a careful use of the evergreen varieties, including shrubs and evergreens, one might produce fine foliage results in winter, as well as flower results in summer.

Another and common form of the herbaceous border is situated in the kitchen-garden, or along the back portion of lot divisions along the fences. Here one may introduce the greatest variety of all classes, as one may use the tall, coarse-growing, but showy flowers, as Sunflowers, Asters, Ox-eyes, Virginia Speedwell, Coreopsis Tripteris, and many others of tall growth, yet by no means wanting in beauty. From the tall plants at the back, one may graduate by sizes to the smallest low-growing species of Moss-pinks, Creeping Veronicas, Dwarf Phlox, and the innumerable similar material of similar habit.

The tall varieties to the rear set off with their foliage the flowers of the less tall ones, and each in turn, by association and contrast, show each other to the best advantage. However, let it not be understood that we mean to construct a floral stage as seen in flower exhibitions, which is the worst form possible for the garden, but rather, in planting, do not use single specimens, but plant in groups of several plants of the same species. Neither repeat the same species at regular intervals, in the manner of patch-work, but let each good thing be well represented; if not well in two or three clumps, put all in one, and the one will produce results much more satisfactory.

Do not persist throughout in having the taller plants at the back invariably, but occasionally let a clump of medium-sized plants stand forward from its companions and allow some of the smaller growing kinds to surround it, and let the low moss-pinks, or other creepers, run into the space to the rear, and give pleasant vistas of foliage and flower. Do not leave any bare soil unless you desire so to do. Much finer results are produced by the use of creeping plants and low dwarf species, to entirely cover the surface.

Many bulbous plants are all the better when seen arising through a carpet of verdure, while such carpets give them shade and retain moisture, which is most thankfully received by them. A group of Lilies, Hardy Amaryllis, or Flame-flowers seen arising from a bed of Moss-pinks, or Veronicas or Forget-me-nots, are much more effective than when simply surrounded by dusty soil. Once thoroughly made, a border need not be disturbed for several years, unless some plants get too large, and take up too much room, in which case take up the clump and divide it on a wet day, or if you desire to replace some plant with a new one, it can be easily done; but as to digging up the soil with spades, etc., spring and fall, it should not be done, as more plants are destroyed in this manner than improved. Rather mulch if the soil is bare, with some light, sweet dressing.

If the border is away from any sheltering fence, or if one desires to screen it from the kitchen-garden, put up a trellis to the rear, and cover it with climbers, of which there is an all-sufficient variety to produce charming flower and foliage effects.

## THE ROCKERY.

The best possible Rockery is Nature's, and she is also the best teacher as to how to form an artificial one.

If one has a group of irregular ledges on his grounds he needs no more to produce one of the finest of rockeries. Here, in sunny situations, on the least amount of soil, Sedmus and Semper-vivums will thrive and blossom gloriously; on deeper soil, on sunny slopes, the Alpine Rock Cress will supply flower and fragrance to early spring, the Drabas will lend charming tufts of evergreen foliage, while the Eryssimum will lend it color in such profusion. In the fissures the various Armerias, Arenarias, Achilleas, Asters, etc., etc., will thrive and beautify, while the shaded damper situations will give abundantly the meagre wants and desires of the numerous other beautiful and hardy plants so little known, and yet which are so beautiful. Here the Primrose is at home, many charming ferns, and a long list of showy plants.

The almost perpendicular surfaces can easily be made beautiful with the evergreen ferns, the Arctostaphylos, and others. No class of gardening is as fascinating as this. The infinite variety of foliage, flower, and habit of the Alpine and Rock Plants is such as to give constant pleasure.

If one is not so fortunate as to possess a natural rockery as described he may produce one, but must use care in so doing. A tumbled pile of rocks, destitute or mostly so of soil, *will not* produce good results. The rocks should be of as varied shapes as possible, with but few smooth ones. Do not make a geometrical figure of your rockery, but let it be of uneven form. Be sure that the soil is firmly pressed into all crevices between the rocks to completely fill them, and let there be a connection with the soil below that the roots of the plants may have sufficient depth of soil to allow them to withstand all drought, and also to allow good drainage.

Let it not consist of one mass of rock, but let there be patches of soil in some cases of considerable extent. Let one edge of some rocks appear above the surface of the soil to allow an overshadowed crevice, which will delight some fern or other plant best suited to such a situation. Let there be many crevices; some in open, sunny spots, some heavily shaded; also little pockets for rare plants suited to them. Bury the rocks so as not to expose too much surface, and if desirable cover such as may be too conspicuous with some dwarf trailer. Do not raise the Rockery too high from the general surface of the ground, as too much drainage will result.

One of the simplest and most effective Rockeries is to half bury stones of various forms and sizes in bankings. In this one may easily produce good results. A few medium-sized stones, half buried in the border, often serve to grow difficult subjects. However, let us say that many Alpines give very satisfactory results in common borders, as they only require drainage, and here do not suffer as much from drought as they would in a rockery. Give them plenty of drainage by the use of leaf mould and sand, and place a few large pebbles about the crown of the plant, and often as good results occur as when planted in rockeries.



# DESCRIPTIVE CATALOGUE.

## ACANTHUS — Bear's Breech.

Stately, broad-foliaged plants, fine for sub-tropical effects, of vigorous growth, surmounted by long bracteate spikes of flowers; in the species mentioned, white or rose colored.

Plant in a warm, sunny situation in rich loam, either singly as a lawn plant, or in connection with other plants.

**A. mollis var. latifolius** [Broad-leaved B. B.] Leaves dentate, heart-shaped in outline, 2 feet wide by 2 feet long. 3 to 7 feet. July and August. 35 cents each.

## ACHILLEA — Yarrow, Milfoil.

A genus of plants of easiest culture, adapted to all soils. The dwarf varieties are well suited for rockery culture, where their ornamental foliage is particularly striking.

**A. Ægyptiaca.** [Egyptian Yarrow.] Silvery, fern-like, fine foliage, and broad, flat umbels of yellow flowers. 18 inches to 2 feet. All summer. 20 cents each. \$2 per dozen.

**A. filipendula.** Greyish foliage, bright-yellow flowers. All summer. 25 cents each.

**A. macrophylla.** 25 cents each.

**A. millefolium var. roseum.** 2 feet. August. Elegant, finely-divided foliage and showy, broad, flat heads of reddish-pink flowers. 15 cents each; \$1.50 per dozen.

**A. ptarmica fl. pl.** [Double Sneezwort.] 18 inches. June to September. A continuous succession of very double, pure-white flowers in dense clusters. Fine for cutting. 20 cents each; \$1.50 per dozen.

**A. serrata fl. pl.** 18 inches. June to August. Better foliage and more erect habit than the last. 20 cents each.

**A. tomentosa.** 6 inches. May to July. Elegant, dwarf, finely-cut foliage and dense heads of clear, lemon-yellow flowers. A fine rock-plant. 20 cents each.

## ACONITUM — Monkshood.

Tall slender-growing plants, with dark green foliage, and large spikes of effective flowers somewhat resembling those of the Larkspur. Of easy culture in good loamy soil. Adapted to the back portion of borders. Owing to the poisonous quality of the juice of the leaves and roots when eaten they should be used with care.

**A. barbatum.** 6 feet. July. Flowers cream-colored or dark blue. 25 cents each.

**A. decorum.** 25 cents each.

**A. Napellus.** 3½. June. Flowers, dark-blue. Fine. 25 cents each.

**A. var. bicolor.** A variety with variegated blue and white flowers. Very effective. 30 cents each.

**A. Stoerkianum.** 25 cents each.

**A. uncinatum.** 4 feet. August. Dark-purple flowers. 25 cents each.

## ACORUS — Sweet-Flag.

A finely variegated Flag of easy culture in damp soil.

**A. gramineus var. variegatus.** 25 cents each.

## ACTAEA — Bane-Berry.

A good foliage and long spikes of clear-white, fine flowers succeeded by bunches of conspicuous berries. Common soil.

**A. spicata.** 1½ feet. May and June. Berries deep-crimson, and ornamental. 20 cents each; \$1.75 per dozen.

**A. spicata var. alba.** 1½ feet. May and June. Waxy-white berries, also effective. 25 cents each; \$2 per dozen.



Adonis.

**A. coronaria.** 2 feet. June to August. Handsome, single white flowers. Silky-grey foliage. 20 cents each; \$1.75 per dozen.

**A. flos-Jovis.** [Flower of Jove.] 2 feet. June and July. Deep-crimson flowers. Very showy. 30 cents each.

### AETHIONEMA — Candytuft.

Elegant plants, best adapted for light sandy soil.

**Æ. grandiflorum.** 1 foot. June. A beautiful dwarf-growing plant, with small, light-glaucous foliage and an abundance of pink or lilac flowers in clusters. An elegant rock plant. 35 cents each.

### AIRA — Hair-grass.

A tufted grass of easy culture in common soil. The variety offered is a most excellent plant for forming edgings to borders.

**A. cœrulea var. variegata.** Elegantly variegated green and gold foliage. A close, compact-growing plant. 15 cents each; \$1.50 per dozen; \$12 per hundred.

### AJUGA — Bugle.

Dwarf, creeping, dark-foliaged plants of easy culture in all soils, and well adapted to shady situations. Excellent in rock works.

**A. alpina.** See *genevensis*.

**A. genevensis.** 6 inches. May. Flowers, blue. 20 cents each; \$2 per dozen.

**A. reptans var. alba.** 6 inches. May. White. 30 cents.

### ALLIUM.

Showy bulbous plants, with grass-like foliage, and heads of showy flowers borne on long leafless stems. Many bright colors are represented in the genus. Easily cultivated in loamy soils.

**A. azureum.** 18 inches. June and July. Beautiful amethyst blue flowers, in close, globular heads. Very fine. 25 cents each.

**A. cernuum.** 18 inches. July to August. Nodding heads of rosy-purple flowers. 15 cents each; \$1.50 per dozen.

**A. moly.** 12 inches. May. Elegant golden-yellow flowers. Very effective. Fine in masses. 25 cents each.

**A. Neapolitanum.** 18 inches. March. A half-hardy species; fine for pot-culture, as a winter flowering plant of easy culture, with white flowers in globular heads. Fragrant. Not hardy as a border plant. 15 cents each; \$1.50 per dozen.

**A. Stellerianum.** 18 inches. August. Globular showy heads of lilac-rose. 20 cents each; \$2 per dozen.



Allium azureum.

### ALSTROEMERIA — Herb-Lily.

Elegant liliaceous plants of great merit. They require a well-drained sunny situation to produce best results, and under such conditions are quite hardy.

**A. Chiliensis.** [Chilien H. L.] 2 to 3 feet. June to September. Elegant heads of deep-red or pink lily-like flowers of charming appearance. A first-class perennial for borders. 25 cents each; \$2 per dozen.

**A. aurantiaca.** 3 feet. June and September. Orange or yellow. Fine. 25 cents each; \$2 per dozen.

### ALYSSUM — Mad-wort.

Excellent plants for the front of borders or rockeries, growing well in any well-drained garden soil. The flowers are yellow, in heads, and make a pleasing effect.

**A. gemonense.** Greyish-velvety foliage. Of shrubby habit. Fine for rockeries. 20 cents each; \$2 per dozen.

**A. saxatile.** 1 foot. April. Broad, velvety-grey foliage, surmounted by elegant, small yellow flowers, in heads in April. One of the best spring flowers. 20 cents each; \$1.75 per dozen.

**A. saxatile var. compactum.** A more compact form of the last. 25 cents each; \$2 per dozen.

### AMARYLLIS.

**A. Atamasco.** [Atamasco Lily.] 1 foot. June. Beautiful rose-colored flowers on long stems. Half hardy. 15 cents each.

**A. Halli.** A perfectly hardy Amaryllis of exquisite beauty. The broad linear foliage appears in spring, then gradually ripens and fades in June; then followed in July or August by a thick flower-stem attaining the height of two feet, and surmounted by immense pink or rose-colored trumpet-shaped flowers of most exquisite beauty, — often seven to nine flowers borne on a stem. Without doubt, this is one of the finest hardy plants grown. Either used singly in an herbaceous border in deep rich loam or in groups, it is most effective. Very scarce. 75 cents each.

**A. formosissima.** [Jacobean Lily.] 1 foot. July. Should be wintered in the cellar. Most showy, deep, velvety-crimson flowers of elegant form. 25 cents each; \$2.50 per dozen.

### AMSONIA.

Very pretty, with alternate, smooth, lance-like foliage, and terminal heads of pale-blue flowers. Suitable for shady borders or shrubberies.

**A. salicifolia.** 1½ foot. Summer. 25 cents each.

### ANCHUSA — Alkanet.

**A. Italica.** 3 to 4 feet. All summer. Handsome large, rough foliage, and a continuous succession of small, clear, sky-blue flowers in large open panicles. 25 cents each; \$2 per dozen.

### ANEMONAE — Wind-flower.

Favorites with all who hold dear the memory of the beauty of the wind-flowers in early spring, and which lend such charm to our landscapes.

Besides the spring flowering varieties there are other species which flower at other seasons, and by a careful selection of kinds we can have a continuous succession of their charming flowers from April to November.

All the species here offered will do well in any good garden soil, planted in half shady nooks of the border.

**A. Japonica.** 3 feet. September to frost. One of the finest of late-blooming perennials of vigorous growth, and producing an abundance of handsome clear, rosy-red flowers of large size. Fine for cutting. Should be protected by leaves in winter, until well established. 25 cents each; \$2 per dozen.

**A. Japonica var. alba.** Clear-white flowers. An excellent florist flower, being invaluable for bouquet work. 20 cents each; \$2 per dozen.

**A. Japonica in Honorine Jobert.** Same as last. 20 cents each; \$2 per dozen.

**A. patens var. Nuttalliana.** [American Pasque-Flower]. 10 inches. April. Handsome, finely-cut foliage, preceded in early spring by large, cup-shaped, lilac flowers, with golden stamens. 20 cents each; \$2 per dozen.



**A. Pennsylvanica.** 15 inches. June and July. A spreading plant, with broad foliage, and clear-white, cup-shaped flowers. Fine for shady positions, where it may be allowed to spread. 15 cents each; \$1.50 per dozen.

**A. Pulsatilla.** [Pasque Flower.] 1 foot. April and May. Elegant, upright, cup-shaped, deepest purple-lilac, or puce-colored flowers with golden stamens, borne on a leafy stem well above its very pretty, finely-cut, dark-green foliage. A beautiful plant for a dry, well-drained position either in the border or in rockeries. 25 cents each; \$2.50 per dozen.

**A. sylvestris.** [Snowdrop Wind-flower]. 18 inches. April. Beautiful, satin-white flowers borne on long smooth stems, well above its broad foliage. Plant in a shady spot where it may have plenty of room and in good fibrous soil. 20 cents each; \$1.75 per dozen.

*Other species on application.*

### ANTHEMIS — Chamomile.

Easily cultivated in any ordinary soil. Aster-like flowers borne in profusion, and deeply cut foliage, setting the flowers off to advantage.

**A. nobilis.** 2 feet. June and July. Flowers, white, with yellow centres. 20 cents each; \$2 per dozen.

**A. tinctoria.** 2 to 3 feet. June to August. Flowers, deep lemon-yellow in great profusion. Very effective, and fine for cutting. 20 cents each; \$2 per dozen.

### ANTHERICUM — St. Bernard's Lily.

Among the most beautiful of hardy flowers, with grass-like foliage and large spikes of clear white, trumpet-shaped flowers. Any good garden soil. Fine border plants.

**A. Liliago.** 1½ feet. May to August. Pure-white flowers, one inch across. Free flowering. 20 cents each; \$2 per dozen.

**A. Liliago var. major.** A still larger-flowered variety. 25 cents each.

**A. Liliastrum.** [St. Bruno's Lily.] 25 cents each. See **Paridisia Liliastrum.**

**A. gamosum,** also known as **A. graminifolium.** 2 feet. June. A rapid grower, with smaller flowers than last, but very effective. 30 cents each.

### APIOS — Ground Nut.

**A. tuberosa.** A rampant climber, with numerous chocolate and red-colored fragrant flowers in close spikes. Appearing in July and August. 15 cents each; \$1.25 per dozen.

### AQUILEGIA — Columbine.

Too much praise can never be given this class of beautiful plants which, for profuseness of flowering, elegance of form, both in flower and foliage, and exquisite variety and blending of colors, are unsurpassed.

The various forms of *A. vulgaris* are well adapted for general border culture in common soil, where they give most satisfactory and permanent results. Some of the rarer and more delicate kinds must have special treatment of their own, which we mention in connection with each. The failure experienced with some in keeping certain forms is usually due to a want of attention to their natural surroundings and soil.

**A. cærulea.** 1 foot. April to July. An elegant Rocky Mountain species, with broad flowers, often 3 inches in diameter, the outer sepals deep lilac or blue, the petals white, while the deep-blue spur is tipped green. A grand species for the border or base of the rockery, or on good, sandy, well-drained loam in the border.



Light plants, 20 cents. Strong plants, 35 cents each.

**A. Californica hybrida.** See **A. formosa hybrida.**

**A. Canadensis.** 1½ feet. April to June. A native species, with scarlet and yellow flowers of effect. A good plant for the border or rockery. 20 cents each; \$2 per dozen.

**A. chrysantha.** 3 to 4 feet. May to August. Flowers of the most intense primrose yellow throughout, with long slender spurs; fragrant, and exceedingly showy. This is one of the finest perennials for the border ever grown, of free habit of growth, handsome foliage, and this surmounted by its many-flowered flower-stem gives a most beautiful effect. 30 cents each.

**A. formosa hybrida, also known as A. Californica hybrida.** 2 to 4 feet. May to September. A beautiful form, with the sepals and petals yellowish, tinged orange and orange-red spurs, while the foliage is unusually broad and ornamental. A most desirable border plant. 35 cents each; \$3 per dozen.

**A. glandulosa.** 12 inches. April and May. An elegant Siberian species with large white flowers whose sepals are bright lilac-blue and petals white, while the spur is very short or almost wanting. Extremely pretty. Give a well-drained position. 25 cents each; \$2 per dozen.

**A. Skinnerii.** 3 feet. June to September. A magnificent species with crimson sepals, lined with light green, and light green petals, and long, straight crimson spurs. Very effective border plant. 30 cents each; \$2.75 per dozen.

**A. vulgaris.** 3 to 4 feet. April to June. A variable species, with flowers in all shades of blue, white, red, and purple, of strong vigorous habit of growth. A fine and effective border plant. 20 cents each; \$2 per dozen.

**A. vulgaris fl. pl.** Double flowers in various shades. 25 cents each, \$2.50 per dozen.

**A. vulgaris var. Vervæneana.** Prettily mottled and variegated foliage. 30 cents each.

*Other species and varieties are kept on hand at all times, and correspondence is solicited for any kind not herein enumerated.*

### ARABIS—Rock Cress.

Particularly well adapted for rock work and alpine gardens as well as for other well-drained localities. Its free flowering habit and its capability of resisting drought, renders it a valuable plant for general culture.

**A. albida.** 6 to 9 inches. April and May. Fragrant white flowers, in heads, borne in great profusion. Foliage, glaucous green. One of the finest spring flowers offered. 20 cents each; \$1.75 per dozen.

**A. albida var. variegata.** A form with handsome variegated golden and green foliage. 35 cents each.

**A. alpina** is the same as **A. albida.**

### ARALIA.

**A. racemosa.** 4 to 5 feet. July. A useful plant in large gardens, as its broad foliage and ornamental berries are of considerable value. 30 cents each.

### ARENARIA—Sandwort.

Pretty alpines with tufted foliage, surmounted by small but showy flowers. Of easy culture in common soil in exposed situations.

**A. caespitosa.** 3 inches. May. Flowers, white. 25 cents each.

**A. Grænländica.** 2 inches. June. Flowers, white. 25 cents each.

### ARISAEMA—Jack-in-the-Pulpit.

**A. triphylla.** 1½ feet. June. Broad, trifoliate, dark-green foliage, and peculiar flowers. A curiosity for damp soils. 15 cents each; \$1.50 per dozen.

### ARMERIA—Thrift. Sea-Pink.

An interesting and pretty group of hardy plants, easily cultivated in sandy loam, either as rock or border plants, while *A. vulgaris* makes one of the best of edging plants.

**A. cephalotes.** 12 to 18 inches. June. Handsome deep rose or crimson flowers arranged in a close globular head on a long stem. Dark green, evergreen foliage in a close tuft about 6 inches high. A first-class perennial, of easy culture. 25 cents each.

**A. maritima.** See **A. vulgaris.**

**A. plantaginea.** 1 to 1½ feet. June. Lanceolate foliage, and numerous globular heads of pink flowers. One of the best species. 25 cents each; \$2.50 per dozen.

**A. vulgaris.** 6 to 8 inches. June. Lilac or pink flowers in close heads. Foliage linear and closely tufted. A fine plant for the edging of walks in gardens. 20 cents each; \$1.75 per dozen; \$15 per hundred.

**A. vulgaris var. alba.** White flowers. 25 cents each; \$2.50 per dozen.

*Other species on application.*

## ARTEMESIA — Wormwood.

An easily-cultivated class of plants, adapted to any common soil, with conspicuous and often fragrant foliage.

**A. Abrotanum.** [Southernwood.] 3 to 4 feet. Finely cut, fragrant, deep-green foliage. 25 cents each.

**A. absinthum.** [Common Wormwood.] 20 cents each.

**A. frigida.** 1 foot. August. A handsome silvery-foliaged plant of use for effects of contrast of foliage. 30 cents each; \$3 per dozen.

**A. Ludoviciana.** 2 feet. July. Silvery foliage. 25 cents each.

**A. Stelleriana.** 1½ feet. August. Effective silvery-gray foliage of ornamental merit. Useful to form edgings, or as a border plant. 20 cents each; \$1.75 per dozen.

## ARUM.

Curious plants with broad foliage and peculiarly-shaped flowers. They thrive best in a rich loamy soil.

**A. DACUNCULUS.** 3 feet. July. 50 cents each.

**A. Italicum.** 2 feet. April. 50 cents each.

## ARUNDO — Reed Grass.

Gigantic reeds of great ornamental effect when planted on lawns, or along the margins of water. In either of which localities they will thrive well. Winter in cellars.

**A. donax.** 12 feet. Flowers pink. 50 cents each.

**A. donax var. variegata.** A beautiful variegated form of magnificent effect, its beautiful golden and green foliage being most admirably shown by the habit of the plant. 50 cents each.

## ASARUM.

Curious hardy plants, with broad heart-shaped foliage, and peculiar, although not showy flowers. Should be planted in shady spots, where they will thrive well.

**A. Canadense.** 1 foot. May and June. 15 cents each; \$1.50 per dozen.

## ASCLEPIAS — Milk-weed.

Desirable border plants, with clean ornamental foliage, and numerous heads of handsome flowers. *A. tuberosa* is one of the showiest and finest perennials grown, while the other varieties mentioned are also worthy of border cultivation.

**A. incarnata var. pulchra.** 3 to 4 feet. July. Showy heads of red or purplish-red flowers, showing to advantage against the broad, oval, dark-green foliage. 20 cents each; \$1.75 per dozen.

**A. quadrifolia.** 2 feet. July. Fragrant white flowers, in close, compact heads. Very effective. 20 cents each; \$2 per dozen.

**A. tuberosa.** [Butterfly-weed.] 2½ feet. June and July. Without question one of the finest of hardy plants, with large heads of deepest orange-colored flowers of most showy appearance, and shown most advantageously against its dark foliage. Of easy culture and should not fail to be in everyone's garden. 25 cents each; \$2.25 per dozen.

**A. verticillata.** 18 inches. July and August. A pretty dwarf form, with close umbels of creamy-white flowers, and whorls of narrow or linear dark-green leaves. 20 cents each.

## ASPERULA — Woodruff.

Pretty plants for any situation, with fine foliage and an abundance of small, white flowers. Fine for use in bouquets.

**A. hexaphylla.** *New.* 3 feet. June and July. An abundance of small, white flowers. Fine for cutting. Fragrant. 25 cents each.

**A. odorata.** 12 inches. May and June. Snowy-white flowers in heads. Fine for bouquet work. 25 cents each; \$2.50 per dozen.

## ASPHODELINE.

A showy class, with upright grass-like foliage and large flower-spikes rising from the centre, studded with numerous fragrant yellow flowers. Of easy culture in any good garden soil.

**A. luteus.** 3 feet. June and July. Fine. 25 cents.

**ASPHODELUS—Asphodel.**

Similar plant to last except that the grass-like foliage has a drooping habit.

**A. albus.** 2 feet. May. Flowers, white. 25 cents.

**ASTERS.**

A large class, including many of the most showy plants in cultivation. All of easiest possible culture, adapted to common garden soil. No class of plants includes such a range of color and form as these; all shades of white, red, blue, purple, and yellow being included. No one who has a garden should be without a few choice kinds, not at all necessarily the coarser, weedy varieties, which are only desirable for large gardens or naturalizing in fields, but some of the small, compact growing kinds which are so prolific in flowering and of such easy culture, and which, because of their season of flowering, are capable of furnishing largely to bouquets or the general beauty of the garden at a time when other flowers may be scarce. And again, since there is such a range in their colors, one may find sufficient enchantment in this genus alone as to make it worth while to grow them.

**A. alpinus.** 9 inches. June and July. A handsome dwarf alpine form with broad foliage and bright-purple flowers, 1 to 2 inches in diameter. 20 cents each; \$2 per dozen.

**A. amellus var. Bessarabicus.** 2 feet. August. One of the finest of all asters, deep-purple flowers with orange centre. 25 cents each.

**A. ericoides.** 3 feet. September. A fine narrow-leaved form, smothered in September with sprays of handsome white flowers of small size, but in great profusion. 15 cents each.

**A. grandiflorus.** 2 feet. October. One of the latest flowering plants grown, with an abundance of large, deep-purple flowers. Very desirable. 25 cents each.

**A. multiflorus.** 3 feet. September. Numerous small white flowers of beauty. 15 cents each; \$1.50 per dozen.

**A. Nova-anglæa.** [New England Aster.] 6 feet. September to frost. By far one of the finest asters grown, of vigorous robust habit, making it an excellent subject for the wild garden or the rear of borders, with immense, broad clusters of large, deep-purple flowers with orange centres. Very effective. 15 cents each; \$1.50 per dozen; \$12 per hundred.

**A. Nova-anglæa var. rosea.** An excellent variety, with rosy-pink flowers instead of purple. Most showy and desirable. 25 cents each; \$2.50 per dozen.

**A. sericeus.** 3 feet. Summer and autumn. An invaluable form, with silky foliage and an abundance of deep-blue flowers of great beauty. 25 cents each.

**A. spectabilis.** 2 feet. August. A most showy species, with clear-blue flowers. 20 cents each; \$2 per dozen.

**A. Townshendi.** 2½ feet. September. A very showy species, with large, rich purplish-blue flowers with orange centres. Most desirable. 35 cents each; \$3 per dozen.

**A. longifolius var. formosissimus.** 18 inches. A fine, free-flowering species of dwarf compact habit of growth, and completely enveloped in August and September with handsome rose-colored flowers. 20 cents each.

**A. ptarmacoides.** 3 feet. August. Pure white flowers. 25 cents each.

All the native species for wild gardens or park work can be readily furnished at lowest rates. Correspondence solicited.

**ASTILBE.**

**A. Japonica.** 1 foot. June. A fine hardy plant, suited to any soil, with deep glossy-green and handsome foliage, surmounted by close heads of fine, clear-white flowers. A fine border plant and also easily forced for winter flowering. 20 cents each; \$2 per dozen.

**A. Japonica foliis aureus reticulatus.** An elegant variegated foliaged form. 35 cents each, \$3 per dozen.

**A. Japonica foliis purpureis.** Deep-purple foliage. 35 cents each.



**AUBRETIA — Rock Cress.**

Excellent rock plants in deep loam, and will thrive anywhere except in shade. Of trailing, evergreen habit and covered in early spring with a mass of showy pink, blue, or red flowers, according to the variety.

- A. deltoidea.** 2 to 4 inches. Early spring. Flowers, purple. 20 cents each,
- A. deltoidea var. Græca.** 4 inches. A vigorous, compact form, with light-purple flowers. 20 cents each.
- A. deltoidea var. rosea.** 4 inches. Clear, rosy-pink flowers. 25 cents each; \$2.50 per dozen.

**BAPTISIA — False Indigo.**

Easily cultivated plants in any good garden soil, of symmetrical habit of growth, and with spikes of showy flowers, in various colors.

- B. australis.** 3 feet. June. Deep-blue flowers, in showy spikes. 15 cents each; \$1 50 per dozen.
- B. leucophæa.** 1 foot. July. Showy racemes of creamy-white flowers. 30 cents each.
- B. tinctoria.** 2 to 3 feet. June. Showy terminal spikes of clear-yellow flowers. 30 cents each.



English Daisies.

**BELLIS — English Daisy.**

Handsome border or edging plants, of easy culture in any good garden soil.

- B. perennis.** 5 inches. June. Red, white, and pink, either double or single kinds. 15 cents each; \$1.25 per dozen; \$10 per hundred.

**BETONICA.** See *Stachys*.

**BOCCONIA — Tree Calandine.**

A fine ornamental-foliaged plant of most vigorous growth, adapted to all soils, and should be

placed where it can spread without damage to other plants.

- B. cordata.** 7 feet. June. Broad cordate foliage, often 1 foot in diameter, and immense spikes of feathery, creamy-white flowers. 25 cents each; \$2 per dozen.
- B. Japonica.** Is the same plant as the above.

**BOLTONIA — False Chamomile.**

An elegant little-known plant, adapted to any common garden soil, with narrow foliage and immense broad heads of lavender-lilac flowers, borne in magnificent profusion. Very fine for the back of borders.

- B. latisquamæ.** 4 feet. August and September. Flowers, clear lavender-lilac. Very showy. 25 cents each; \$2.50 per dozen.

**BUPHTALMIUM — Ox-eye.**

Easily cultivated in any common garden soil. They are very showy and well adapted for cutting.

- B. salicifolium.** 1½ foot. June and July. A neat, compact plant, with deep-green, lanceolate foliage, surmounted by large, clear-yellow flowers in profusion. 25 cents each; \$2.50 per dozen.
- B. speciosissimum.** 2 feet. July. A very showy form, with broad foliage and large, showy flowers. 30 cents each; \$3 per dozen.

**CALLIRHOE — Poppy-mallow.**

Elegant prostrate border plant, or suitable for rockeries, easily cultivated in any good sandy loam.

- C. involucreta.** 6 inches. All summer. Elegant, mallow-like, single crimson flowers, often two inches in diameter. Fine. 20 cents each.



## CAMPANULA — Blue-Bells.

Elegant plants, suited for general cultivation. The stronger growing kinds well adapted to rich, sandy loam, while the dwarf alpine kinds are easily managed on the rockery. These are among the most popular of hardy plants, and are most deservedly so, as they are of free, vigorous growth, healthy, and give most excellent flowering results.

**C. Carpathica.** [Carpathian Hare-Bell.] 9 inches. June. Elegant dark-green, toothed, ovate foliage, in compact tufts, and an abundance of clear, deep-blue, bell-shaped flowers of great beauty. 20 cents each; \$2 per dozen.

**C. Carpathica var. alba.** A fine, clear white-flowered form. 25 cents each; \$2.50 per dozen.

**C. Carpathica var. turbinata.** Flowers deep-purple, nearly two inches in diameter. A more dwarf form than the type and equally as desirable. 35 cents each.

**C. fragilis,** also known as **C. Barrelierii.** 4 to 6 inches. June. A beautiful procumbent species, with showy light-blue flowers. 25 cents each.

**C. grandiflora.** See **Platycodon grandiflora.**

**C. latifolia.** 2 feet. June and July. Broad foliage, and deep-purple or blue flowers of tubular shape. A fine border plant. 25 cents each.

**C. latifolia var. macrantha.** A larger flowered type, of value. Borders. 25 cents each.

**C. persicæfolia.** 3 feet. June and July. Broad, purple, bell-shaped flowers arranged along a tall flower-spike. A good border plant.

**C. persicæfolia alba.** A pure white form of last. 25 cents each.

**C. persicæfolia alba plena.** Double white flowers. 35 cents each.

**C. persicæfolia flore pleno.** Double purple. 30 cents each.

**C. pyramidalis.** 4 to 5 feet. July. A magnificent tall-growing form, with an immense number of bell-shaped, pale-blue flowers along a tall flower-stem. Foliage very broad. A fine species. 20 cents each; \$2 per dozen.

**C. rotundifolia.** 1 foot. June. Light-blue trumpet-shaped flowers. A fine rock plant in a damp situation. 20 cents each; \$2 per dozen.

**C. trachelium.** 2 feet. July. Deep-purple flowers. A fine border plant. 25 cents each.

**C. Van Houtteii.** 2 feet. July and August. One of the finest, with large, dark-blue bell-shaped flowers in profusion. 25 cents each.



Campanula Carpathica.

## CASSIA — Wild Senna.

A fine, showy plant, of easy culture in any common soil. Fine for the back of borders or in wild gardens.

**C. Marylandica.** 3 to 4 feet. July to September. Handsome pinnate foliage and numerous axillary racemes of showy bright-yellow flowers. 15 cents each; \$1 per 10; \$8 per 100.

## CATANANCHE — Cupidone.

Pretty flowers for the border and for cutting, of easy culture in any common garden soil.

**C. cœrulea var. bicolor.** 3 feet. August. Both white and blue flowers on the same plant. 25 cents each.

## CEDRONELLA — Balm of Gilead.

A neat growing, small-foliaged plant, with neat flowers of small size arranged in spikes. Give good fibrous soil.

**C. cana.** 2 to 3 feet. July. Spikes of showy purple or crimson flowers. Desirable. 25 cents each; \$2 per dozen.

**CENTAUREA — Centaury.**

Easily cultivated plants in common garden soil, with showy flowers borne in succession. Fine border plants, and useful for bouquet work.

**C. atropurpurea**, formerly catalogued as —

**C. Calocephala.** 4 feet. June to September. Handsome pinnate foliage and large dark maroon, globular flowers on long stems, borne in profusion and succession. One of the best border plants offered. 25 cents each; \$2.25 per dozen.

**C. declinata or dealbata.** 18 inches. June. Pretty rose-colored flowers, ornamental foliage. 25 cents each.

**C. Montana.** 2 feet. June. Purple flowers. 20 cents each.

**C. nigra.** 2 feet. June and July. Showy large purple flowers. 20 cents each.

**C. nigra var. variegata.** A form of last, with variegated foliage. 25 cents each.

**CENTRANTHUS — Valerian.**

Showy border-plants adapted to any good soil, and producing handsome red or white flowers in showy spikes.

**C. ruber.** [Red Valerian.] 2 feet. June to August. Showy red spikes. 25 cents each.

**C. ruber var. alba.** A fine white form. 25 cents each.

**CERASTIUM — Mouse-Ear Chickweed.**

Neat, low-growing spreading perennials, with an abundance of small, showy white flowers in early summer. Best adapted for use as carpeting plants, or to cover bare, shady spots, or to form edgings. Their silvery foliage is conspicuous. Any common garden soil.

**C. arvense.** 4 inches. June. White flowers. 20 cents each.

**C. Biebersteinii.** 4 inches. June. Broader foliage than the next. 20 cents each.

**C. tomentosum.** 4 inches. June. 20 cents each.

Any of the above at \$1.50 per dozen; \$12 per hundred.

**CHELONE — Turtle-Head.**

Showy border-plants of easy culture, giving best results in rich loam. With broad glossy foliage and short spikes of handsome Pentstemon-like flowers. A showy class.

**C. obliqua.** 2 feet. August. Purple flowers in terminal spikes. Showy. 25 cents each.

**C. obliqua var. alba.** A form with pure-white flowers. 25 cents each.

**C. Lyonii.** [Lion's Turtle-Head.] A most desirable, first-class perennial of great beauty, with broadly ovate, dark, glossy-green foliage, an upright habit of growth, and a most profuse habit of flowering. The terminal spikes of red or purplish red flowers are set off most advantageously by the foliage. Rare and very choice. 35 cents each.

**CHIONODOXA — Glory of the Snow.**

Charming spring-flowering bulbs of easy culture in any good garden soil.

**C. Lucille.** 6 inches. April. Blue and white. 15 cents each.

**CLAYTONIA — Spring Beauty.**

A beautiful little gem of the spring, with handsome pink flowers in profusion. Common loam. A good plant for the rockery.

**C. virginica.** 3 inches. April. Flowers, light-pink. 20 cents each; \$1.75 per dozen.

**CLEMATIS — Virgin's Bower.**

A large class of very ornamental plants of easy culture in good, rich soil, of great variety in habit; some being vigorous climbers, and others forming bushes only. No class of plants is of greater value for covering trellises, old stumps, walls, etc., as a great variety of color and form of flower may be obtained in the genus.

**C. coccinea.** See **C. viorna var. coccinea.**

**C. crispa.** July to September. Handsome bell-shaped nodding purple or pale-blue flowers, with deeper-colored throat of same; borne in profusion and continuously from July to September. A fine climber and much sought for. 30 cents each; \$3 per dozen.

**C. graveolens.** 3 feet. Summer. Pale-yellow flowers. 25 cents each; \$2.50 per dozen.

**C. integrifolia.** June to August. Pretty nodding blue and white flowers. 25 cents each.

**C. ochroleuca.** 1 to 2 feet. July. Erect creamy-white and yellow flowers. A small bush. 25 cents each; \$2.50 per dozen.

**C. paniculata.** July and August. Panicles of small pure-white and fragrant flowers. A fine variety. Scarce. 75 cents each.

**C. flammula.** July to October. Large loose panicles of fragrant pure-white flowers. 25 cents each; \$2 per dozen; \$15 per hundred.

**C. recta.** 4 feet. June. An upright, dense bush of dark-green foliage, surmounted by dense corymbs of sweet-scented pure-white flowers. A very showy species, and a desirable border plant. 25 cents each; \$2.50 per dozen.

**C. viorna.** [Leather Flower.] June. Thick petalled, bell-shaped, purple and yellow flowers borne very freely. A valuable climber. 25 cents.

**C. viorna var. coccinia.** June to August. Elegant crimson bell-shaped flowers in profusion. A valuable plant, adapted for many uses. 25 cents each; \$2 per dozen.

**C. virginiana.** [Virgin's Bower.] July and August. Large panicles of slightly fragrant pure-white flowers in dense masses, and producing fine effects as a climber. 15 cents each; \$1.50 per dozen.

**C. vitacella.** [Vine Bower.] June to September. Handsome, large, deep-purple or blue flowers borne in profusion. 25 cents each; \$2.50 per dozen.



Clematis Crispa.

### CLEMATIS HYBRIDS.

Of this valuable class we can furnish many desirable varieties, the full descriptive list of which we will send on application. Below we name four of the most satisfactory kinds and which are the easiest managed and most certain of giving good results.

**Jackmanii.** Deep-purple. Very free flowering. 75 cents each.

**Henryii.** Pure-white. Very large and most distinct. 75 cents each.

**Star of India.** Deep reddish-violet-purple. Fine. 75 cents each.

**Duchess of Lovelace.** Double, deep-bluish lilac. 75 cents each.

### CONVALLARIA — Lily of the Valley.

**C. majalis.** 9 inches. Spring. This beautiful plant is too well known to require description. Plant in rich soil, and either in open or shade it will do well.

We can furnish large clumps, or small plants, as required. 20 cents each; \$1.75 per dozen; clumps 35 cents each; \$3 per dozen. Low prices on large quantities.



Hybrid Clematis.

### COREOPSIS.

A valuable class of medium-sized border-plants of free-flowering and continuous habit; easily cultivated in common soil, preferring sandy loam.

**C. auriculata.** 4 feet. July. Large yellow flowers on leafy stems, and borne profusely. 20 cents each; \$1.50 per 10.

**C. delphinifolia.** 6 feet. July. A tall form, with deeply-cut foliage, and terminated by clear-yellow flowers with darker centres. 25 cents each.

**C. grandiflora.** *Same as next.*

**C. lanceolata.** 2½ feet. All summer. The finest of the class, and one of the most beautiful hardy plants grown, with dark lance-foliage, a close, compact habit of growth, and a continuous succession of the most brilliant golden-yellow flowers throughout of any hardy plant in existence. Each flower is borne on a leafless stem, 8 to 12 inches in length, adapting it most admirably for cutting. The flowers are often 2 inches or more in diameter, and when seen on an established plant in full bloom, give an appearance most effective. The flowers will last in water ten days without fading, and are most excellent for bouquets. This is one of the best-selling perennials ever offered, and gives universal satisfaction. Our sales of this plant alone are immense. We offer the true variety, which is very distinct from all other species of the class, but for which other species are often substituted by dealers. 20 cents each; \$2 per dozen.

**C. palmata.** 2½ feet. July. Large lemon-yellow flowers. 20 cents each; \$1.75 per dozen.

**C. rosea.** 1½ feet. July. A neat little form, with small rose-colored flowers. 25 cents each.

**C. tripteris.** 8 feet. August and September. Vigorous, tall-growing species for the back of the border, with broad trifoliate foliage and clear-yellow flowers. 20 cents each.

**C. verticillata.** 1½ feet. June to September. A very pretty species, with fine, dark-green, linear foliage in whorls, and a continuous succession of small lemon-yellow flowers, most admirably set off by the fine foliage. A choice border-plant. 25 cents each; \$2 per dozen.

### CORYDALIS.

A beautiful class of perennials, with elegant glaucous-green fern-like foliage and peculiar and pretty flowers in terminal spikes. Fine for borders, rock work, or moist, shady places.

**C. nobilis.** 9 inches. May. Pale-yellow flowers, tipped with green. 25 cents each.

### DELPHINIUM — Larkspur.

A most important class of free-flowering and ornamental-foliaged perennials, of easy culture in rich, deep loam. The varieties of *D. formosum* are most effective subjects for the back of wall borders, for grouping, and use among shrubberies. For cut flowers, they are very effective. A rich cultivation produces magnificent effects. By removing the flower-stems immediately after their full development, and before the production of seeds, a continuous succession of bloom may be maintained throughout the summer.

**D. Cashmerianum.** 1 to 1½ feet. July. Large pale-blue flowers, often 2 inches across. A dwarf variety for the front of the border. Fine. 50 cents each.

**D. grandiflorum var. Sinensis.** 2 feet. All summer. A most desirable form, of dwarf habit with elegant finely-cut foliage, and a continuous succession of spikes of deep azure-blue, semi-double flowers. A fine plant, difficult to propagate, and very rare. Choice. 75 cents each.

**D. formosum.** 3 feet. All summer. Deep sky-blue flowers, shaded purple, in long spikes, towering above its palmate foliage. 20 cents each; \$1.50 per ten.

**D. nudicaule.** 15 inches. Summer. A fine rare form with fleshy peltate, deep purplish-green foliage surmounted by spikes of clear-cardinal flowers. Very showy. 35 cents each.

**D. simplex.** 4 feet. May and June. A spring flowering form, with large deep-blue flowers in a showy spike, and broad palmate foliage. Very rare, and seldom seen in gardens. A form of which we can offer only a limited quantity. 75 cents each.

**D. hybridum.** 4 to 5 feet. July to September. An excellent class, with long spikes of handsome flowers, varying in color, in some kinds deep-blue, with shades of white bronze and red, while in other varieties, these shades become the predominating color.

### Unnamed Seedlings.

These are strong plants raised from seeds of the best named varieties, and are most effective, producing flower spikes which have exceeded a yard in length. Fine for cultivating in groups in rich soil. 25 cents each; \$2.00 per ten.

### Named Varieties.

Of these we can furnish numerous named varieties from the best-known sources, varying in all shades of color, from pure white to the deepest purple or dark blue, either in single or double flowered forms, also others with variously colored petals in variety most charming. They include all shades and colorings of white, blue, purple, mauve, chocolate, and red. Descriptive lists of named varieties will be sent on application, or we will send such shades as may be desired. Price, 25 cents each; \$2.50 per dozen.

### DESMODIUM — Tick-Trefoil.

**D. penduliflorum.** 4 feet. September to frost. A shrubby plant of great beauty, and well adapted for the border, with fine foliage, a pendulous habit of growth, and, in fall, for the whole length of the branches at the axil of each leaf, appears a short bunch of deep-red or purplish-red flowers which lend a most attractive charm to the plant. These flowers appear late in the fall and last until frost cuts the plant to the ground, but the root remains uninjured, and the plant appears in spring again as ever. 35 cents each; \$3 per dozen.

### DIANTHUS — Pink.

An invaluable class of easy culture in common good loamy garden soil. There are few gardens indeed which have not some representative of this genus, but the selection is large, and there are many forms, which are seldom seen but which are most desirable.

**D. barbatus.** [Sweet William.] 18 inches. June and July. Although these plants are biennials, yet, we raise them in quantity each year from excellent strains of our own selection, which we can recommend. As a free-flowering border-plant, they are easily raised and most satisfactory. Double and single varieties mixed, 15 cents; \$1.50 per dozen.

**D. deltoides.** [Maiden Pink.] 9 inches. June. A dwarf form with deep-green foliage and numerous small but very pretty deep-red flowers. Excellent for rock-work. 20 cents each; \$1.50 per dozen.

**D. deltoides var. alba.** A fine variety, white, with dark centre. 20 cents each; \$1.50 per dozen.

**D. plumarius.** [Garden or Scotch Pink.] 9 inches. June. Thick tufts of handsome glaucous-green foliage, and handsome fragrant flowers on long spikes. We can offer several kinds. 20 cents each; \$1.50 per dozen.

**D. plumarius. var. alba.** A single pure-white form. 20 cents each.

**D. plumarius alba. plena.** Very handsome double white fragrant flowers. 20 cents each; \$1.50 per dozen.

**D. plumarius roseus fl. pl.** Double, clear-pink, and very fragrant. 20 cents each; \$1.50 per dozen.

*Also, several other varieties.*



Sweet William.

### HARDY BORDER-CARNATIONS.

Few people realize the fact that there are hardy carnations of easiest culture possible in good, rich, loamy soil, which give results which are most beautiful in effects. For freedom of flowering and variety and brilliancy in color, no class is more effective. Our collection, although recent, includes many of the finest varieties, of which we are propagating a good stock as fast as possible. For brilliant effects these equal the best greenhouse carnations, while they are perfectly hardy in any light, rich soil, if well drained. Unnamed varieties all first-class plants. 20 cents each, \$1.75 per dozen.

#### Named Varieties.

**Anne Boleyn.** Clear, deep rose. 25 cents each, \$2.50 per dozen.

**Derby Day.** Deep, pink laced purple. 25 cents each, \$2.50 per dozen.

**Beauty of Bath.** Rose lake, fine. 25 cents each, \$2.50 per dozen.

**John Ball.** Dark plum, extra fine. 25 cents each, \$2.50 per dozen.

**Napoleon Third.** Dazzling crimson; very effective. 25 cents each, \$2.50 per dozen.

**Lowlander.** Rich, deep-red. Fine. 25 cents each, \$2.50 per doz.

**Snow.** Pure-white, and very double. 25 cents each, \$2.50 per dozen.

Other varieties quoted in special list, which will be sent on application.

### DICENTRA, OR DIELYTRA.

A very ornamental class of border plants, of easy culture in moderately rich, light soil. The foliage is quite ornamental in itself in some varieties, while its flowers are peculiarly striking in form and color.



Seal Flower.

white peculiar-shaped flowers. Fine for borders and margins of shrubberies. 20 cents each; \$1.50 per ten.

**D. spectabilis var. alba.** A very scarce, pure-white form. Price on application.

### DICTAMNUS — Fraxinella, or Gas Plant.

Elegant, strong-growing, symmetrical, handsome-foliaged plants, surmounted by large spikes of peculiarly fragrant, handsome flowers. Suited to any good, loamy, garden soil.

**D. albus.** 3 feet. May and June. Large spikes of clear-white flowers. 35 cents each; \$3.00 per ten.

**D. albus var. rubra.** A purplish-red form, of good contrast to the last. 25 cents each; \$2.00 per ten.

**D. fraxinella** is the same as **D. albus**.

### DIGITALIS — Foxglove.

Stately, broad-foliaged, pyramidal plants, adapted for the back of the border, singly or in groups. Also among shrubberies, and for naturalizing in wild gardens. Any common soil, but producing best results in good, well-enriched soil.

**D. aurea.** See **D. ferruginea**.

**D. ferruginea.** June and July. 35 cents.

**D. purpurea.** 6 to 8 feet. A biennial of great beauty, requiring planting each year. Elegant spikes of beautiful tubular flowers of various shades of purple to white, and with variously colored, spotted throats. 15 cents each; \$1.25 per dozen; \$8.00 per hundred.

### DODECATHEON — American Cowslip, or Shooting Star.

Very ornamental border-plants, with broad, ovate foliage, and tall, upright flower-stems, surmounted by richly-colored, peculiarly-formed flowers. They require a moist situation, shaded from the full sun, and delight in a rich compost of leaf mould and loam. Excellent for protected situations in rockeries.

**D. integrifolium.** 4 to 6 inches. June. Deep rosy-crimson flowers. 25 cents.

**D. Jeffreyii**, same as **D. meadia var. lancifolium**.

**D. Meadia.** 12 to 15 inches. April. Rich rosy-purple, white, and lilac flowers of most showy appearance. 35 cents.

**D. Meadia var. lancifolium** or **D. Jeffreyii.** 1½ to 2 feet. June. A fine, large-foliaged form with large flower-heads. Flowers, pink or rose. 35 cents.

### DORONICUM — Dog-bane.

Dwarf, early yellow-flowering border-plants; easily cultivated in any common garden soil.

**D. Caucasicum.** 1½ feet. April. Broad, clear, lemon-yellow flowers, often 2 inches across, and very showy. 30 cents each.

**D. Pardalianches.** [Great Leopard's Bane.] 3 feet. June. Broad cordate, light-green foliage, and clear-yellow large flowers. 20 cents each.

**D. plantagineum var. excelsum.** 5 feet. All summer. An elegant plant of robust habit, and an almost continuous bloomer, with large clear-yellow flowers, often 4 inches in diameter. A fine border-plant. 35 cents each.

#### DRABA — Whitlow Grass.

Minute, tufted Alpine plants, with small, but showy flowers in early spring. They should be planted in sunny positions on the rockery, in crevices, where they will do well.

**D. aizoides.** 2 to 3 inches. April. Neat, dwarf tufts of fine linear, hairy foliage, surmounted by bright-yellow flowers. Showy and desirable. 30 cents each.

**D. brunifolia.** 4 inches. June. Loose tufts and clear-yellow flowers. 30 cents each.

#### DRACOCEPHALUM — Dragon's Head.

Neat, upright perennials, with terminal clusters of showy Pentstemon-like flowers. All delight in a cool situation, but are well adapted for most borders.

**D. altaense.** 9 inches. July. Long spikes of handsome clear-pink flowers, nearly 2 inches in length. 30 cents each.

**D. Ruyschianum.** 2 feet. July. Purplish flowers in whorls. 25 cents each. \$2.50 per dozen.

**D. speciosum.** 1½ feet. June. Showy, pinkish-blue flowers, with darker spots. 30 cents each.

#### DRYAS — Mountain Avens.

**D. octopetala.** 1 foot. June. An evergreen shrub with large, showy, white flowers. Fine for rockeries or in peaty soil. 30 cents each.

#### ECHINACEA — Cone-Flower.

Showy border-plants of easy culture in warm, sunny positions, in good, loamy soil, with broad, showy flowers of great duration.

**E. angustifolia.** 4 feet. Summer. Elegant broad flowers, often 6 inches in diameter; aster-like, with deep purplish-black centres, and drooping, linear, light-purple, or rose-colored rays. 25 cents each.

**E. purpurea.** 3 to 4 feet. Summer. Broad, ornamental foliage, and a succession of handsome reddish-purple flowers of large size. A very select border-plant. 25 cents each.

#### ECHINOPS — Globe Thistle.

Excellent subjects for borders or shrubberies, with broad, ornamental, thistle-like foliage, and peculiar and showy globular flowers. Any common soil.

**E. ritro var. ruthenicus.** 3 feet. June to August. Showy, deep-blue globular flowers, and pinnate leathery foliage, dull green above and cottony beneath. Very showy. 25 cents each.

#### EPILOBIUM — Great Willow Herb.

Coarse growing, but showy perennials, of easy culture in any light soil.

**E. angustifolium.** 4 feet. June to August. Showy spikes of clear-red flowers. 20 cents each.

#### EPIGEA — Trailing Arbutus.

Handsome, trailing, evergreen shrubs, which thrive only in shady situations, in soil well enriched with peat or leaf mould. Excellent for shady positions in the rockery.

**E. repens.** 2 inches. May. [Mayflower.] Clear-pink, fragrant flowers. Very choice. Established in pots, 25 cts. to \$1.00, according to size.

#### EPIMEDIUM — Barren Wort.

Admirable plants for the border or rock-work, in equal portions of fresh loam and leaf mould. With elegant foliage and showy spikes of curiously-formed handsome flowers.

**E. alpinum.** 9 inches. May. Handsome toothed foliage and long loose panicles of showy flowers with grayish outer, crimson inner sepals, and yellow petals. Very showy. 25 cents each.

**E. colchicum.** 9 inches. May. 35 cents each.

**E. macranthum.** 12 inches. May. Long spikes of clear-white flowers. 35 cents each; \$3.50 per dozen.

**E. pinnatum.** 15 inches. June. A strong growing species, with clear-yellow flowers. 25 cents each.

**E. rubrum.** 1 foot. May. A fine robust species, similar too, but larger in detail than *E. alpinum*. 25 cents each; \$2.50 per dozen.

**E. sulphureum.** See **E. pinnatum**.

### ERIANTHUS—Ravenna Grass.

Handsome foliated grass, fine for sub-tropical effects, and as a border-plant of easy culture in a warm situation; damp preferred. Half hardy.

**E. Ravennæ.** 6 feet. 25 cents each.

### ERIGERON—Flea Bane.

Excellent plants for mixed borders, in somewhat moist but well-drained situations. Also very effective in rockeries, especially the first and second species mentioned.

**E. aurantiacus.** 1 foot. June. Handsome showy deep-orange red flowers in clusters on solitary stems. A most desirable and ornamental perennial of low growth. Fine for the front of borders. 25 cents each; \$2 per dozen.

**E. bellidifolium.** 2 feet. May. Large purple flowers. Inclined to spread. 15 cents each; \$1.25 per dozen.

**E. speciosus** or **Stenactis speciosa.** 2 feet. Summer and autumn. One of the showiest and finest of all border perennials, of dense upright habit and large corymbs of exceedingly showy, clear-violet flowers, with yellow disks. One of the finest for general use, adapted to all soils. 20 cents each; \$2 per dozen.

### ERINUS.

Pretty tufted alpine plants for rock-work in well-drained fissures of gritty loam.

**E. alpinus.** 5 to 6 inches. March to June. Purple flowers. 30 cents each.

**E. alpinus var. albus.** A purple-white variety. 35 cents each.

### ERYNGIUM—Eryngo or Sea Holly.

Handsome, spiny, ornamental foliage and immense, candelabra-formed branches terminating in globular heads of flowers. Of easy culture in common sandy loam.

**E. alpinus.** 2 feet. July and August. Flower-heads deep-blue. 25 cents each.

**E. amæthystinum.** 2 feet. July and August. Amæthyst-blue flower-heads. 35 cents each.

**E. giganteum.** 3 to 4 feet. August. Blue flower-heads, broad foliage. 35 cents each.

**E. aquaticum** or **E. yuccæfolium.** 5 feet. July to September. Pale-blue flower-heads, and handsome recurved Yucca-like foliage of great ornamental appearance. Fine for sub-tropical effects. 30 cents each.

**E. yuccæfolium** same as **E. aquaticum**.

### ERYSIMUM—Wall-Flower.

Pretty tufted, dwarf, dark-green foliage in spreading clumps and clusters of clear lemon-yellow flowers on short flower-stems. A fine alpine-rock plant or for the front of borders. Of the easiest culture in common soil.

**E. pulchellum.** 4 inches. April and May. Lemon-yellow flowers. Fine. 25 cents each; \$2.50 per dozen.

### ERYTHRONIUM—Dog's-Tooth Violets.

Handsome bulbous plants, with broad spotted and marbled violet, green and white, lily-of-the-valley-like foliage and large lily-like, deep-yellow recurved flowers, of great beauty in early spring. In light, leafy soil, in sheltered portions of the rockery, in clumps on the margins of open borders, and among shrubbery, they are very effective.

**E. americanum.** 6 inches. April and May. 15 cents each; \$1.50 per dozen.

**E. grandiflorum.** 6 inches. April and May. An Oregon form, with large cream-colored flowers. 25 cents each.



## EULALIA — Muscanthus.

Handsome ornamental grasses from Japan; of easy cultivation in ordinary good garden soil. Fine for foliage effects.

**E. Japonica.** 3 feet. Deep green foliage, and in autumn long flower-spikes, surmounted by large plumes of purplish flowers. 20 cents each.

**E. Japonica var. variegata.** A handsome longitudinally variegated form of fine effect. 25 cents each.

**E. Japonica var. zebrina.** [Zebra grass.] A most remarkable and handsome variegated form with the golden variegation in bands across the leaf at regular intervals, instead of longitudinal, as in the last case. Unique and very effective. 25 cents each.



*Eulalia Japonica var. Zebrina.*

## EUPATORIUM.

Excellent plants for the rear of the border, and of easiest culture in common garden soil.

**E. argeratoides.** 5 feet. August. Fine white fringe-like flowers in thick clusters. Fine for cutting. 15 cents each; \$1.50 per dozen.

**E. perfoliatum.** 4 feet. August. White flowers. 20 cents each.

**E. Fraserii.** 3 feet. September. A fine late-blooming white species. 25 cents each.

**E. purpureum.** 5 feet. August. Handsome clusters of deep purplish-red flowers. 15 cents each; \$1.50 per dozen.

## EUPHORBIA — Spurge.

Easily cultivated plants in any soil and quite ornamental.

**E. corollata.** [Flowering Spurge.] 3 feet. July. A handsome, light-foliaged, floriferous species, with many small, pure-white flowers. Well adapted for use in bouquets. 15 cents each; \$1.50 per dozen.

**E. Myrsinites.** 1 foot. Summer. A handsome foliaged, prostrate form, with thick, fleshy, glaucous-green foliage, and umbels of clear-yellow flowers. 50 cents each.

## FESTUCA — Fescue Grass.

Neat tufted grass of easiest possible culture in common soil. An admirable border or margin plant.

**F. glauca.** 9 inches. June. Handsome light glaucous-blue foliage of tufted habit of growth. Fine. 15 cents each; \$1.50 per dozen; \$12 per hundred.

## FUNKIA.—Plantain Lily.

Excellent border-plants, of easy culture in any common, good soil, although they will give sufficiently added results by fine, deep soil and good culture to warrant the trouble, if any. A fine class of plants for use on the lawn in clumps, in the border of shrubberies, and in rock-works, where their elegant broad foliage is always attractive, and their long spikes of handsome, and often fragrant flowers lend an added and important charm.

**F. Fortuneii.** 1½ feet. July. Handsome glaucous-green, ovate, heart-shaped foliage, conspicuously veined. Pale lilac flowers, on a long spike. 25 cents each.

**F. grandiflora.** 2 feet. July to September. A fine, pure-white large-flowered, and exceedingly fragrant species, with handsome, broad, light-green foliage. 35 cents each. \$2.50 per dozen.

**F. Japonica** is the same as **F. grandiflora.**

**F. lancifolia.** 2 feet. August. Deep-green lanceolate foliage, and spikes of lilac flowers. 20 cents each; \$1.75 per dozen.

**F. lancifolia var. alba-marginata.** A form with the leaves margined with white. 25 cents each.

**F. lancifolia var. undulata variegata.** A form with undulate foliage, most conspicuously and handsomely variegated with white. A fine foliage plant. 25 cents each; \$2 per dozen.

**F. ovata.** 2 feet. June. An elegant, broad, glossy, deep-green, foliaged form of most vigorous growth, and large spikes of lilac, trumpet-shaped flowers. 25 cents each; \$2 per dozen.

**F. Sieboldiana.** 2 feet. June. Glaucous foliage, and handsome spikes of pale lilac flowers. 35 cents each.

**F. subcordata.** [Corfu lily.] 1½ feet. August. Handsome, light-green foliage and fine spikes of fragrant, clear-white flowers. 25 cents each.

### GAILLARDIA — Blanket-Flower.

Among the showiest and most desirable of all hardy perennials, of easiest growth in any good soil. They commence to bloom in June, and then flower continuously until frost. No class is more showy or more desirable for the flower-border.

Our collection includes all the best-named varieties, and many new and most showy kinds of our own raising, which exceed in beauty any yet produced.

The flowers are usually three inches or more in diameter, aster-like, and borne on long, clean stems, admirably suiting them for cutting. The petals are tipped with deep orange-yellow, and banded with a more or less broad and well-defined band of the deepest maroon, varying in width in different varieties, while the centre is dark maroon in color.

One of the finest of all hardy border plants. Named varieties, 35 cents each, list on application; unnamed varieties, very fine, 25 cents each; \$2 per dozen.

### GALEGA — Goat's Rue.

Desirable border-plants, suited to any good soil, with pinnate light-green foliage, and short, showy, spikes of lilac or white flowers.

**G. officinalis.** 2 feet. June and July. Flowers, lilac-purple. 25 cents each.

**G. officinalis var. alba.** A white-flowered form. 25 cents each.

### GALIUM — Bed Straw.

A much-used border-plant, with a profusion of fine greenish-white flowers in sprays. Of use for bouquets. Any common garden soil.

**G. boreale.** 3 feet. June to August. 20 cents each; \$2 per dozen.

### GALAX.

A handsome, hardy plant, with elegant foliage, and spikes of clear-white flowers. A fine plant for the rock-work or border in rather damp soil, mainly composed of leaf mould.

**G. aphylla.** 6 inches. July. Established in pots. 50 cents.

### GALTONIA — Spire-Lily.

A showy, hardy, bulbous plant, with long recurved sword-like foliage and an immense spike of pure-white, fragrant and large flowers. Of easiest culture in common garden soil.

**G. candicans.** 3 feet. August. 20 cents each.

Also, known as **Hyacinthus Candicans.**

### GENISTA — Wood-waxen.

A class of handsome shrubs of great value for use in borders among hardy perennials, or for covering waste and bare spots in dry soils, where the narrow, linear, glossy green foliage and handsome yellow flowers are very showy and attractive.

**G. tinctoria.** 2 feet. July. 25 cents each.

### GENTIANA — Gentian.

Unfortunately this is a difficult class to deal with, requiring special culture in the case of most species, though there are a few which will thrive in common rich, cool soil. Such kinds as *G. acaulis* and other alpine kinds require plenty of moisture, though thorough drainage, and should not be disturbed any more than necessary. An open position at the base of rock-work or in the open border is adapted for the taller kinds, while the dwarf alpinists should be placed in suitable crevices in the rock-work. The soil should be of deep loam, intermixed with leaf mould and rocks, with some of the latter about the crowns to retain moisture.

- G. acaulis** [Gentianella.] 2 to 4 inches. April and May. Beautiful deep-blue campanula-like flowers, on short stalks raised slightly above the dark glossy-green foliage. 50 cents each.
- G. Andrewsii.** [Closed Gentian.] 1 foot. August. Deep-blue flowers in terminal clusters. A fine and easily cultivated species for the border. 25 cents each.
- G. alba.** 1 foot. August. White flowers. A fine border plant. 35 cents each.

### GERANEUM — Crane's Bill.

A class of showy free-blooming border plants, of easy culture in any good garden soil, preferring a well-drained situation.

No flower-border is complete without some representative of this beautiful class.

The ornamental foliage is of itself worthy of a place, while the flowers add lasting charms.

- G. Endressii.** 1 foot. Summer. Palmate leaves and handsome light rose, darker-veined flowers. Fine for borders. 35 cents each; \$3 per dozen.
- G. Ibericum var. platypetalum.** 1½ feet. Summer. A handsome species, with large deep violet, reddish-veined flowers. Foliage deeply cut and fringed. 25 cents each; \$2.50 per dozen.
- G. Londessi.** 18 inches. June and July. A handsome species, with broad deeply-lobed foliage and large, showy lilac flowers, veined-purple. Fine. 50 cents each.
- G. maculatum.** 1½ feet. June. Large, clear, rosy-pink flowers. 20 cents each.
- G. prætense fl. pl.** 1½ feet. June and July. Very double, deep lilac-blue flowers in clusters. 25 cents each.
- G. peltatum.** 1 foot. June and August. Handsome peltate, light-green foliage, and pretty, reddish-purple flowers of smaller size than some of the other species. 30 cents each.
- G. Robertianum.** [Herb Robert.] 9 inches. June. Small bright crimson flowers. 20 cents each.
- G. sanguineum.** 2 feet. All summer. Handsome, large, clear, crimson flowers, in profusion all summer. Excellent. 25 cents each; \$2.50 per dozen.

### GEUM — Avens.

Easily cultivated border plants of some merit. *G. triflorum* and *G. coccineum* and its varieties are the most worthy. Any common garden soil.

- G. coccineum.** 1 foot. June and July. Crimson flowers. Requires some winter protection. 20 cents each.
- G. coccineum atrosanguineum.** A deeper-colored form. 20 cents each.
- G. montanum.** 1 foot. June. Large, erect yellow flowers. 25 cents each.
- G. rivale.** 2½ feet. Small reddish flowers. 15 cents each.
- G. triflorum.** [Apache Plume.] 9 inches. May and June. Curious red flowers in spring, followed by showy, feathery, pink seed-vessels of considerable ornamental value. 25 cents; \$2 per dozen.

### GYPSOPHILLA — Chalk Plant.

Fine border plants, suited to any good soil, with broad heads of fine white flowers; much used for bouquet work.

- G. acutifolia.** 5 feet. July and August. Tall growth; of use in the back part of borders. 25 cents each; \$2.50 per dozen.
- G. cerastioides.** 6 inches. A fine tufted form; fine for protected, well-drained, sunny situations in the rock-work. Flowers the largest of the genus. 25 cents each; \$2.50 per dozen.
- G. paniculata.** [Infant's Breath.] 3 feet. July to August. Handsome fine white flowers, in an immense open panicle. Much used for cut-flower work. 20 cents; \$2 per dozen.
- G. repens.** 8 inches. June to September. A handsome, dwarf, trailing form, with light-green foliage, and light pink or white flowers. Fine for rock-work. 25 cents; \$2 per dozen.

### HELENIUM — Sneezwort.

Excellent border plants, of easy growth in common garden soil. Free blooming.

- H. autumnale.** 4 to 5 feet. August to September. A fine late-blooming species, with handsome, clear, lemon-yellow flowers, borne in an immense flat panicle. Fine for cutting. 25 cents each; \$2.50 per dozen.
- H. grandiflorum.** 3 feet. June. A fine free-flowering species, with yellow, reflexed rays, and dark centre. 25 cents each; \$2.50 per dozen.

**H. Hoopesii.** 3 feet. June. Similar to last. 25 cents each.

**H. pumillum.** 2 feet. July to August. A fine, dwarf, free-flowering kind, with clear-yellow flowers. Fine. 25 cents each; \$2.50 per doz.

### HARPALUM.

Easy culture in common soil. Large yellow flowers, coarse foliage.

**H. rigidum.** 4 feet. July and August. 25 cents each.



*Helianthus multiflorus fl. pl.*

Our collection includes all the the finest hardy varieties, and is most effective.

Owing to their rarity we do not publish a full list of our named varieties, that our friends may not be disappointed in ordering such as we may be out of stock of.

Lists of named varieties in stock sent on application, and full particulars as to price, etc.

**H. nigra.** March. 1 foot. Pure-white flowers, 1 to 1½ inches in diameter. 50 cents each.

**H. maximus.** *Similar to last.* 50 cents each.

### HEMEROCALLIS—Day Lily.

First-class perennials in every respect, and among the very finest in our collection. Of easy culture in common garden soil. For borders, the edge of shrubberies, etc., none are better; their graceful foliage, surmounted by their long spikes of handsome lily-like flowers of elegant form and colors, is most effective. Many forms are advertised by other nurserymen under various names, but we have carefully revised them, and offer them now under their correct names.

**H. disticha,** *the same as H. fulva.*

**H. Dumortierii.** 1½ feet. June. A splendid variety, with deep orange-yellow flowers, tinged with brown on the outside. Also known as *H. rutilans* and *H. Sieboldii*. 30 cents each; \$3 per dozen.

**H. flava.** 2½ feet. May and June. Clear-yellow, very fragrant flowers in clusters. Fine. 25 cents each; \$2.50 per dozen.

### HELIANTHUS — Sunflower.

An extensive class of easily-cultivated plants for any common soil.

All with yellow flowers. The selection named below includes the best.

**H. decapetalus.** 5 feet. September to frost. A fine free-flowering form, with clear-yellow flowers, in immense panicles. One of the best late-blooming border plants. 20 cents each; \$2 per dozen.

**H. Maximiliana.** 5 feet. September. Large, clear-yellow flowers. 25 cents each.

**H. multiflorus fl. pl.** [Double sunflower.] 4 feet. July to frost. One of the finest of all perennials; with a continuous succession of handsome, very double, clear-yellow flowers, 3 to 4 inches in diameter. Strong plants, 25 cents each; \$2 per dozen.

**H. orgyalis.** 8 to 10 feet. September to frost. An elegant plant, with graceful foliage and numerous clear-yellow flowers in an immense head. 25 cents each; \$2.50 per dozen.

**H. multiflorus.** 4 feet. August to frost. A fine autumn bloomer, with flowers 4 to 5 inches across. 50 cents each; \$5 per dozen.

### HELIOPSIS — Ox-eye.

A vigorous free-flowering plant for the back of the border. Fine for any common soil.

**H. lœvis.** 6 feet. July and August. Large clear-yellow flowers of long duration. 20 cents each; \$2 per dozen.

### HELLEBORUS — Christmas Rose.

A most desirable class of hardy perennials, of great beauty of flowers. Of easiest culture in good soil, in partially shaded situations.

**H. fulva.** 4 feet. July. A large-flowered, tawny variety. 20 cents each; \$2 per dozen.

**H. fulva var. Kwanso fl. pl.** A fine, very double, bronzy-orange colored, large-flowered variety. 25 cents each; \$2.50 per dozen.

**H. fulva var. variegata.** A handsome silver variegated form. 50 cents each.

**H. gramminea** *the same as H. minor.*

**H. Middenhorfi.** 3 feet. June and July. Deep golden-yellow flowers, in close heads. 35 cents each.

**H. minor.** 1½ feet. A narrow-leaved form, blossoming at same time as *H. flava*, but with lemon-yellow flowers. 35 cents each.

**H. rutilans,** *the same as H. Dumortierii.*

**H. Sieboldii,** *the same as H. Dumortierii.*

**H. Thunbergii.** 2½ feet. August. A handsome late-flowering species, with clear lemon-yellow, sweet-scented flowers. 25 cents each.

### HEPATICA — Liver-leaf.

Handsome foliated and flowered spring bloomers of easy culture in shady nooks of the rockery or border.

**H. triloba.** [Liver-leaf.] 7 inches. April. Handsome shaped, dark-green foliage, and showy light pink or blue flowers. 15 cents each; \$1.50 per dozen.

### HERACLEUM — Cow Parsley.

A vigorous-growing perennial, chiefly used as a border plant, on account of its effective broad foliage.

**H. giganteum,** *same as H. villosum.*

**H. villosum.** 10 to 12 feet. June. 50 cents each.

### HESPERIS — Rocket.

Easily cultivated border plants adapted to any good soil.

**H. matronalis.** 3 feet. June. Purplish-red flowers. 20 cents each.

**H. matronalis var. alba.** White flowers. 20 cents each.

**H. matronalis var. alba plena.** Double white flowers. 25 cents each.

**H. matronalis var. fl. pl.** Double red flowers. 25 cents each.

### HEUCHERA — Alum Root.

Easily cultivated in ordinary soil, except stiff clay. The species mentioned is one of the finest perennials of recent introduction.

**H. sanguinea.** 18 inches. June and July. Showy cordate foliage, surmounted by a tall spike of handsome, small, clear-red flowers. A fine border or rockery plant. 75 cents each.

### HIBISCUS — Mallow.

Elegant border plants, with broad foliage, and large showy blossoms of great delicacy of coloring.

Easily cultivated in common soil, or fine for naturalizing in damp situations.

**H. militaris.** 5 feet. August. A large rose-colored species of strong growth. Handsome clear rose or pink flowers, often 5 inches in diameter. A splendid border plant. 25 cents each; \$2 per dozen.

**H. moschuetos.** 3 to 6 feet. August and September. A large, coarse-growing species, with white flowers, tinged purple. 25 cents each; \$2 per dozen.

**H. roseus.** 4 feet. August. Large, clear-pink flowers. 25 cents each; \$2 per dozen.

### HIERACIUM — Hawkweed.

Ordinary garden soil.

**H. aurantiacum.** 1 to 1½ feet. June and July. Handsome orange-red flowers, in clusters of eight or ten, on a long stalk. 25 cents each.

### HOLLYHOCK.

A stately, showy class of first-class perennials, or biennials, of easiest culture in any common soil. Their stately habit of growth renders them especially useful for the back of borders, or among shrubbery, where their immense spikes of showy flowers are very effective. Our stock is first class in every way, and we can furnish the colors, either of single or double varieties, to suit the purchaser. These colors vary from pure-white, through shades of rose, pink, lavender, crimson, maroon, yellow, magenta, and to the deepest black.

Price, single varieties	. . . . .	20 cents each; \$2.00 per dozen.
“ double “	. . . . .	25 “ \$2.50 “
“ mixed “	. . . . .	15 “ \$1.50 “

### HOUSTONIA — Bluets.

Pretty tufted plants, covered in early spring and throughout the summer with showy, small flowers. Fine for rockeries.

- H. cœrulea.** 4 inches. May. Light-blue flowers. 15 cents each.
- H. purpurea.** 4 inches. May. Light-purple flowers. 15 cents each.

### HUMULUS — Hop Vine.

The common hop vine. Adapted to all soils. A rapid-growing climber, of use for covering trellises, stumps, etc.

- H. lupulus.** July and August. 25 cents each; \$2 per dozen.

### HYDROPHYLLUM — Water Leaf.

Low-growing, shade-loving plants, with ornamental foliage and clusters of rather showy flowers. Will thrive in any ordinary border, preferring a moist situation; fine for shady spots.

- H. appendiculatum.** 9 inches. June and July. Clusters of blue flowers. Palmate foliage. 15 cents each.
- H. canadense.** 1 foot. June to August. Palmately-lobed, heart-shaped foliage. White flowers. 15 cents each.
- H. virginicum.** 1 foot. July. Pinnate foliage. Blue clustered flowers. 15 cents each.

### IBERIS — Candytuft.

All desirable, evergreen, shrubby plants, with pretty dwarf foliage, a dwarf habit of growth, and a profusion of handsome flowers in numerous clusters. Very showy; fine for cutting. Easily raised in any good garden soil, also excellent for rock-work.

- I. cordifolia** is really **I. corraefolia**.

**I. corraefolia.** 1 foot. May and June. A fine species, with flowers in flat heads, but as the stem elongates and the succession of buds open, a large round cluster is formed by the old flowers remaining. This flower cluster is often 3 inches long. A fine evergreen for the rockery, the border among shrubberies, or as a margin plant. 25 cents each; \$2.50 per dozen.

**I. sempervirens.** 1 foot. Spring. One of the finest of spring flowers. Dark evergreen dwarf foliage, surmounted by close heads of pure-white flowers. One of the finest plants for general ornamental use. 25 cents each; \$2.50 per dozen.

**I. sempervirens var. Garrexiana.** 9 inches. Spring. Smaller flowers than last, but in longer racemes. 25 cents each.

- I. sempervirens var. saxitalis.** Another desirable variety. 25 cents each.

### INULA — Georgian Flea-Bane.

An easily cultivated border plant, suited to any common garden soil, with broadly lanceolate ovate foliage and very large feathery golden-yellow flowers of great beauty.

- I. glandulosa.** 2 feet. July and August. 35 cents each. Rare.

## IRIS — Rainbow Flower or Fleur de Luce.

### GERMAN IRIS.

Under this head are included the varieties of several species, but all are distinguished by their broad leaves, and resemble each other in the shape of their flowers, and for this reason are popularly known under one head. No class of plants give greater ornamental effects than the Iris, and they rival the orchids even, in variety of color, shape, and shading, and when their hardiness is taken in account and their adaptability to all soils and situations, some idea can be obtained as to their value. For grouping on lawns, in borders, or among shrubberies, or on the margin of ponds, they are equally at home, and give effects which are most ornamental. No flower garden is complete, no matter what its size, without a fair selection of German Iris.

The following named varieties are all desirable, and are sold true to name, and in strong plants: —

Price, unless otherwise stated, 20 cents each.

Collection of 25 varieties . . . . .	\$5.00
“ 12 good selected varieties . . . . .	3.00
“ 12 best “ “ . . . . .	4.00
“ 50 in 12 best varieties . . . . .	7.00
“ 50 in 12 good “ . . . . .	6.50
“ 100 in 18 “ “ . . . . .	15.00

The above our selection only.

(*s*) denotes the erect petals or standards.

(*f*) denotes the drooping petals or falls.



German Iris.

**Atroviolacea.** (*s* and *f*) Rich purple, very free, and early blooming.

**Augustina.** (*s*) Deep yellow; (*f*) yellow, deeply reticulated maroon.

**Aurea.** (*sp.*) (*s* and *f*) Clear golden-yellow. Fine. 30 cents.

**Celeste.** (*s* and *f*) Delicate light lavender. Large and free.

**Donna Maria.** (*s* and *f*) White, richly shaded with lavender.

**Edina.** (*s*) Light purple; (*f*) violet, shaded purple.

**Florentina.** (*sp.*) (*s* and *f*) Pure white; fragrant. An early and free bloomer.

**Hector.** (*s*) Light buff; (*f*) brownish-red, stained purple.

**Hericart de Thury.** (*s*) Chrome-yellow; (*f*) plum, reticulated sulphur and white.

**Ignititia.** (*s*) Lilac; (*f*) lilac-shaded purple.

**Imogene Ware.** (*s* and *f*) Clear, delicate lavender, free flowering and very large. 35 cents each.

**Jordain.** (*s* and *f*) Clear rosy-purple, large and free. Very fine.

**Juliette.** (*s*) White; (*f*) white veined and shaded violet.

**La Tendre.** (*s* and *f*) Light violet or lavender. One of the finest. Immense flowers. 35 cents each.

**L'Avenir.** (*s* and *f*) Deep lavender.

**Lutea.** (*s* and *f*) Delicate straw.

**Mad Chereau.** (*s* and *f*) White veined and feathered violet. One of the finest. Very showy. 50 cents each.

**Magnet.** (*s*) Clear yellow; (*f*) purple, reticulated white. Very showy.

**Pallida speciosa.** (*s* and *f*) Light indigo-blue. Large and showy.

**Pancrea.** (*s*) Buff; (*f*) purple. Distinct.

**Rebecca.** (*s*) Buff; (*f*) maroon, shaded yellow.

**Rampson.** (*s*) Rich golden-yellow; (*f*) crimson-maroon, veined white.

**Sappho.** (*s*) Blue; (*f*) indigo. Fine.

**Titus.** (*s*) White; (*f*) white, veined purple.

**Victorine.** (*s*) White, with blue blotch; (*f*) violet-purple, veined white. Fine, and very showy.

**Wallneriana.** (*s*) Coppery shaded bluish-violet; (*f*) yellow shaded buff. One of the most peculiar and distinct.

## JAPANESE IRIS.



Japan Iris.

**Iris Kämpferii** or **Lævigata**. The Japanese Iris have only been introduced a few years, and yet they stand preëminent among hardy flowers for immense size and delicate texture and coloring. Many varieties often produce flowers 10 inches in diameter, and still in profusion, giving effects impossible to realize without personal inspection. The plant is of dense tufted growth, with long, narrow, sword-like foliage, and surmounted in July by these immense clematis-like flowers, in some varieties single, in others double, and in the most exquisite shading of colors, including white, blue, purple, yellow, plum, maroon, and lilac. They prefer sunny, moist situations, in deep loam, where they rapidly adapt themselves, and form most striking objects. Our collection is one of the best in existence, and is being constantly added to. Price, purchaser's selection, unless otherwise noted, 35 cents each; our selection, 25 cents each.

**Alba flore plena**. Semi-double. Pure white; medium size.

**Alexandra**. Single. Extra large; pure white. One of the best.

**Arthur Silbard**. Single. Very large; broad white petals shaded lilac.

**Calypso**. Single. Light lilac, fading to white. Very large and beautiful.

**Comet**. Semi-double. Very large; clear lilac.

**Cordelia**. Single. Clear blue. A fine free bloomer; medium size.

**Diabetz**. Double. Deep-purple. A free and effective bloomer.

**Dictator**. Single. Deep-purple, clear-yellow throat. Large and effective.

**Emperor of Japan**. Single. Deep velvety maroon, yellow throat. A magnificent flower of first size and quality.

**Gloriosa**. Double. Deep-purple. Free and showy.

**Harlequin**. Single. Clear white, tinged lilac.

**Jupiter**. Single. Clear bluish-purple. Very large.

**Kathleen**. Double. Pure white. One of the best.

**Mikado**. Double. Purple, deep-veined; yellow centre.

**Ozaka**. Double. White-veined lilac; medium size, good substance.

**Purple Emperor**. Double. Clear purple; centre upright; white-edged, purple, yellow throat. Large and fine.

**Penelope**. Single. Light-purple, medium size.

**Prince Hal**. Single. Lavender, veined with maroon. Striking, and one of the best.

**Robt. Buist**. Double. Clear deep-purple, yellow throat. Medium size.

**Romeo**. Double. Deep-maroon. A large and effective variety.

**Souvenir**. Semi-double. Clear maroon, streaked white, yellow throat. Extra large.

**The Bride**. Single. Pure white. Very large and showy.

**Tokio**. Semi-double. Clear blue-veined white.

**Unique**. Similar to Souvenir, less double and more finely mottled.

**White Emperor**. Semi-double. White, slightly dusted lilac, deeper toward centre.

## Other Species of Iris and their Varieties.

**I. chamædriis**. Long, stiff foliage, and handsome golden-yellow flowers on short spikes. Moist soils. 50 cents each.

**I. cristata**. A handsome, low-growing, early flowering species, with beautiful short-stalked flowers. Handsome light-blue shaded, fringed and spotted with orange and yellow. 20 cents each.

**I. Florentina**. Pure white, fragrant, large flowers in abundance. 25 cents each.

**I. Pseud-acorus**. [Jacob's Sword.] 3 feet. June. Long, stiff foliage, deep golden-yellow flowers. 25 cents each.



**I. Pseud-acorus var. variegata.** A handsome variegated form. Fine for moist places and water-courses. 35 cents each.

**I. pumilla.** [Crimean Iris.] Splendid spring-blooming flowers of low growth. Fine for borders. 25 cents each.

### New Varieties of Iris Pumilla.

**Atroviolacea.** (*s*) Violet-purple; (*f*) rich purple. Fine. 25 cents.

**Azurea.** (*s* and *f*) Deep azure-blue. 30 cents.

**Nova-candida.** (*s* and *f*) Pure white. 25 cents.

Other older varieties on application.

### Iris Sibirica.

Handsome, tall-growing, very free blooming species, of fine appearance. Fine for borders.

**I. sibirica.** Purple-blue flowers, spotted with yellow. 25 cents each.

**I. sibirica var. alba.** A pure white, fine variety. 35 cents each.

### Native Species of Iris

Can be furnished at short notice. Many of these are most worthy of extended culture.

### KNIPHOFIA [Tritoma] — Red-Hot Poker. Flame Flower.

Very showy half-hardy plants, requiring protection over winter by storing in cellars, in sand. They give the most satisfactory results when cultivated in light, sandy loam, with plenty of top dressing of manure. They are well suited for borders or for shrubberies.

**K. aloides.** [Tritoma uvaria.] 3 feet. August and September. Tall spikes of small tubular flowers, deep-scarlet in the bud, opening clear orange-yellow, and giving a peculiar flame-like appearance to the whole, which is well set off against the deep-green, grass-like reflexed foliage. 25 cents each.

**K. corallina.** 3 feet. Late summer. Another desirable variety. \$1.00 each.

**K. McOwenii.** 1½ feet. A bright orange-red species. 50 cents each.

**K. uvaria.** See *K. aloides*.

### LATHYRUS — Perennial Pea.

Exceedingly ornamental and very desirable plants, suited to any moderately good soil. These are free climbers, well suited to grow on garden trellises, to cover walls, stumps, trees, etc., and with their constant bloom give very striking and satisfactory results.

**L. latifolius,** *the same as* the following.

**L. sylvestris var. platyphyllus.** Also commonly known as **L. ilatifolius** or **Perennial Pea.** June to September. A fine climber, with light-green foliage and handsome, clear, rosy-red flowers in long-stemmed spikes, borne in profusion at the axils of the leaves, giving a most beautiful result. In the perennial border trained to a low, fan-shaped trellis few plants are more ornamental. 25 cents each.

**L. sylvestris p. albus.** [White Perennial Pea.] Pure white flowers instead of red. A most satisfactory cut-flower in great demand by florists and others. The variety we offer has unusually large spikes, and is most satisfactory. 50 cents each.

### LAVANDULA — Lavender.

Easily cultivated in common soil. The plant from which the perfume lavender is obtained.

**L. vera.** 2 feet. July. Grayish foliage. Blue flowers. 20 cents each.

### LIATRIS — Blazing Star.

A class of very effective border plants, with long, dense spikes of attractive flowers in shades of rose, blue, and purple, suited to any common garden soil. All with narrow, linear, crowded foliage.



White Perennial Pea.

- L. cylindriaca.** 1 foot. August. Clear rosy-purple flowers in dense spikes. 25 cents each.  
**L. elegans.** 3 feet. August and September. Deep purple flowers in showy spikes, often 1 foot long. 25 cents each.  
**L. pycnostachya.** 5 feet. August. Pale-purple, in an immense cylindrical spike, often 2 feet long. One of the finest plants for a dry soil. 15 cents each.  
**L. spicata.** 2 feet. July. Close spikes of purple, showy flowers, and long, grass-like foliage. Fine for borders. 15 cents each.  
**L. squarrosa.** 2 feet. August. Deep-purple flowers. 15 cents each.

LILIUM — Lilies.

The varieties named in the following list are best for general use, being hardy, strong growers, and with fair culture will bloom freely and abundantly. The best time for planting is during the autumn months; the soil should be made rich with liberal dressings of well-rotted cow-manure, and the bulbs planted from four to six inches deep, according to size; a protection of straw or litter during the winter is beneficial.

Other varieties can be furnished.

**L. auratum.** [Golden-banded lily.] 3 to 4 feet. July and August. 25 cents each.

**L. Batemanæ.** 3 to 4 feet. A Japanese variety, with flowers of a bright apricot tint. 25 cents each.

**L. canadense. var. rubrum.** 2 feet. July. Rich, dark-red. 15 cents each; \$1.50 per dozen.

**L. candidum.** [Easter lily.] 2 to 3 feet. June and July. Pure white. 10 cents each; \$1 per dozen.

**L. Chalcedonicum.** 2 to 3 feet. July. Intensely scarlet blossoms, recurved petals. 50 cents each; \$5 per dozen.

**L. elegans.** [Thunbergianum.] 1 to 1½ feet. July. Deep-maroon. 10 cents each; \$1 per dozen.

**L. elegans var. bicolor.** July. 1 foot. 20 cents each.

**L. elegans var. citrinum.** July. Dwarf, with beautiful light-yellow flowers. 25 cents each; \$2.50 per dozen.

**L. elegans var. stamineum.** July. 1 foot. 20 cents each.

**L. Hansonii.** 3 to 4 feet. June. Flowers in clusters; the outside is yellow, streaked with white; the inside is bright yellow, spotted with purple. \$1 each.

**L. longiflorum.** 2 to 3 feet. July and August. Snow-white, trumpet-shaped lily. 15 cents each; \$1.50 per dozen.



**L. Martagon.** [Turk's Cap.] 2 to 3 feet. June. Various colors mixed. 10 cents each; \$1 per dozen.

**L. Monadelphum.** 3 to 4 feet. June and July. Rich citron, spotted with black. Fine. 50 cents each.

**L. Pardalinum.** 3 to 5 feet. July. Brilliant orange-red spotted with black. 40 cents each; \$4 per dozen.

**L. pomponium verum.** 3 feet. June. This magnificent species resembles a gigantic Tenuifolium, having numerous fiery-scarlet flowers. 50 cents each; \$5 per dozen.

**L. pulchellum.** 1 foot. June and July. Brilliant crimson, upright flowers, of star-like appearance, spotted with black. 40 cents each; \$4 per dozen.

**L. speciosum album.** [Japan.] 2 feet. August and September. Pure white, very fragrant. 30 cents each; \$3 per dozen.

**L. speciosum var. album præcox.** August and September. White, with slight rose tint. 30 cents each; \$3 per dozen.

**L. speciosum var. rubrum.** August and September. White, crimson spotted. 15 cents each; \$1.50 per dozen.

**L. superbum.** 3 to 4 feet. July. Rich, yellowish-red flowers, from twenty to fifty in number, in the shape of a pyramid. 10 cents each; \$1 per dozen.

**L. tenuifolium.** [Coral Lily of Siberia.] 1 foot. May and June. Brilliant vermilion-scarlet. 25 cents each; \$2.50 per doz.

**L. tigrinum.** [Tiger Lily.] August. 3 feet. One of the showiest, easiest cultivated, and adapted to a variety of soils. 15 cents each; \$1 per dozen.

**L. tigrinum fl. pl.** [Double Tiger Lily.] 2 to 4 feet. August. 15 cents each; \$1.50 per dozen.

**L. Wallacei.** July. Japanese variety, with clear buff flowers, spotted with black. 25 cents each; \$2.50 per dozen.

**L. Washingtonium.** 4 feet. June. White, with small purple dots, very fragrant. 35 cents each; \$3.50 per dozen.

### LINUM — Flax.

Exceedingly ornamental, free-blooming, fine-foliaged plants, for well-drained common soils, or for rock-work. The flowers are not of long duration, but are exceedingly pretty, and borne in such profusion as to render them most useful for borders.

**L. Austriacum.** 18 inches. June to September. Handsome, pale bluish-purple flowers. 25 cents each.

**L. perenne.** 18 inches. June to October. Handsome, light-blue flowers. 20 cents each; \$1.75 per dozen.

**L. perenne var. album.** Pure white flowers. 35 cents each.

### LITHOSPERMUM — Cromwell.

Exceedingly handsome prostrate shrubby plants, with dark-green foliage, and a constant succession of handsome flowers. Fine for rock-work or borders.

**L. prostratum.** 4 inches. All summer. Deep-blue flowers, striped reddish-violet. A fine rock-plant. 20 cents each; \$1.75 per dozen.

### LOBELIA — Cardinal Flower.

Very showy border-plants, suited to deep, loamy soil, in sunny situations. In damp soils they also do well. Few plants are more effective, and at their season of flowering it is difficult to find their equals.

**L. Cardinalis.** [Cardinal Flower.] 3 to 4 feet. August and September. Long, dense spikes of beautifully-formed deep, fiery-cardinal flowers, most showy and ornamental. One of the finest, hardy border-plants in cultivation, and easily grown in good, deep loam. 20 cents each; \$2 per dozen.

**L. siphilitica.** 2½ feet. September. Dense spikes of showy, deep-blue flowers. 25 cents each.

### LOTUS — Bird's Foot Trefoil.

Handsome, prostrate, dark, fine-leaved plants, excellent for the rock-work or border, suited well in any common garden soil. An excellent cover for barren spots.

**L. corniculatus.** 3 inches. June to September. Beautiful bright-yellow, fading to orange; flowers in clusters, on stems often three to four inches long. Although small, the flowers are most showy, and are well set off by the handsome, small foliage. 25 cents each.

### LUPINUS — Lupin.

Excellent border-plants, of easy culture in good garden soil; of symmetrical habit of growth, and with ornamental foliage, surmounted by long, dense spikes of showy flowers.

**L. perennis.** 2 feet. June. Blue flowers. 25 cents each.

**L. polyphyllus.** 4 feet. June and September. Dark-blue flowers in a large spike. Very fine. 35 cents each.

### LYCHNIS — Lamp Flower.

Among the most useful of hardy plants, easily cultivated in any soil, preferring a light, rich loam.

**L. alpina.** 6 inches. May and June. A handsome dwarf tufted species for the rock-work, with compact heads of pink flowers. 20 cents each; \$2 per dozen.

**L. chalconica.** [London Pride.] 4 feet. June and August. Close, showy heads of deep-crimson flowers. Fine. 20 cents each.

**L. chalconica var. alba.** Pure white flowers, in broad heads. 25 cents each.

**L. chalconica flore plena.** Most showy double crimson flowers. 35 cents each.

**L. coronaria.** 3 feet. July. Handsome red flowers. 20 cents each.

**L. diurna.** [Bachelor's Buttons.] Purplish-rose flowers in terminal panicles. Pretty. 20 cents each.

**L. fulgens var. Haageana.** 1 foot. A fine form, with large, scarlet flowers, often two inches in diameter. 25 cents each.

**L. vespertina var. flore plena.** Double white fragrant flowers. A fine form, but hard to propagate. 25 cents each.

**L. viscaria var. flore plena.** [Ragged Robin.] 15 inches. June. One of the finest of all garden plants, with linear foliage in dense tufts, from which rise long stems surmounted by dense spikes of very double, deep rosy-red, very fragrant flowers of great beauty. One of the finest perennials in cultivation. 25 cents each.

For *Lychnis coronaria* and *flos.-Jovis*, see under head of *Agrostemma*.

### LYSIMACHIA — Loose-strife.

Handsome free-growing perennials, of easiest culture in common soil, also adapted to moist spots.

**L. clethroides.** 2 feet. July to September. Long, dense, drooping spikes, often nearly 1 foot long, of starry-white flowers with darker centres. A showy border plant. 25 cents each; \$2 per dozen.

**L. nummularia.** [Money-wort.] 2 inches. June to September. A trailing plant, with light-green foliage, and yellow, medium-sized flowers. 15 cents each; \$1 per dozen; \$8 per hundred.

**L. quadrifolia.** 2½ feet. June. An upright, dark-foliaged plant, with dense spikes of deep-yellow flowers, with brown centres. 20 cents each.

### LYTHRUM — Loose-strife.

Stately free-blooming plants, with many long, dense-branched spikes of showy flowers throughout the summer. Common soil.

**L. salicaria var. superba.** 5 feet. June to August. Dense, showy spikes of clear, rosy-red flowers. Very showy. 20 cents each.

### MALVA — Mallow.

Handsome border-plants, of easy culture in any good garden soil.

**M. alcea.** 4 feet. June to October. Handsome rosy-purple flowers, two inches in diameter, in clusters. Light-green palmate foliage. 30 cents each.

**M. moschata.** 2 feet. Summer. Handsome rose-colored, fragrant flowers, two inches in diameter, in clusters. Very showy border-plants. 20 cents each.

**M. moschata var. alba.** 2 feet. Summer. Pure white, fragrant flowers, one of the finest of all flowers. 25 cents each.

### MECONOPSIS — Welsh Poppy.

Handsome yellow flowers. Common soil.

**M. cambrica.** 18 inches. May to July. 25 cents.

### MEGASEA. See Saxifraga.

### MELISSA — Balm.

Easily cultivated plants in common soil.

**M. officinalis var. variegata.** [Variegated Balm.] 2 feet. July and August. One of the finest variegated plants in existence, with silvery-white, green, and light-yellow most beautifully blended. A handsome border plant, also fine for making edgings. 20 cents each; \$1.75 per dozen.

### MERTENSIA — Lung Wort.

Handsome border-plants, suited to any common garden soil, with generally drooping, tubular, rose or purplish flowers in clusters.

**M. paniculata.** 1½ feet. May and June. Showy purplish and blue flowers. 25 cents each.

**M. virginica.** 1½ feet. May and June. Purple, fading to pink, flowers. 25 cents each.

**MEUM — Spiguel.**

Handsome, finely-divided foliage plants, of easy culture in common soil. A fine plant for foliage contrast with broader-leaved plants.

**M. athamanticum.** 2 feet. May. Broad umbels of white flowers. An elegantly divided dark-green foliage. Very choice. 25 cents each.

**MIMULUS — Monkey Flower.**

Handsome deep-scarlet, showy flowers. A fine border-plant that requires some protection in winter. Good loam; a moist situation preferred.

**M. cardinalis.** 12 to 15 inches. June to August. Deep orange-scarlet flowers. 25 cents each.

**MITCHELLA — Partridge Berry.**

A handsome creeper for rockeries, ferneries, etc.; also shady places in the border. Handsome, small, fragrant flowers, pretty, oval, dark foliage, and deep-crimson berries.

**M. repens.** June. 15 cents each; \$1.50 per dozen.

**MITELLA.**

A pretty plant for the rockery and border in light, peaty soil.

**M. diphylla.** 7 inches. April. Spikes of small white flowers. 25 cents each.

**MONARDA — Oswego-Tea.**

An easily cultivated class, with showy heads of flowers, of easy culture in common garden soil in sunny situations.

**M. didyma.** [Oswego-Tea.] 3 feet. June to September. Showy heads of brilliant scarlet flowers, in profusion throughout the summer. Fine for borders. 20 cents each; \$2 per dozen.

**M. didyma var. alba.** Almost white flowers. 20 cents each.

**M. fistulosa.** [Wild Bergamot.] 3 feet. July and August. Light-purple flowers in smaller heads than *M. didyma*, yet a good perennial. 20 cents each.

**MORINA — Whorl Flower.**

A handsome plant, with oblong spiny foliage and a tall spike of handsome flowers, white in the bud, changing to delicate pink, and finally to deep crimson. Very effective border-plant, suited to sandy loam in partial shade. Protect in winter until well established.

**M. longifolia.** 2 feet. June and July. 35 cents each.

**MYOSOTIS — Forget-me-not.**

Handsome dwarf-growing plants, with spikes of showy flowers. Fine for borders, edgings, or rockeries. Of easy culture in common garden soil; moist spots preferred.

**M. alpestris.** 3 inches. Summer. Handsome, small blue flowers with yellow centres, fragrant, in dense heads. Fine. 25 cents each.

**M. palustris.** 12 inches. May to July. Long racemes of lovely light-blue flowers, with yellow centres. 15 cents each; \$1.50 per dozen.

**M. dissitiflora.** 9 inches. April. Deep-blue flowers in spikes. Fine. 25 cents each.

**OENOTHERA — Evening Primrose.**

Elegant summer and early autumn bloomers, of easiest culture in any light soil. Many of the species are among the most beautiful and attractive of hardy plants, with showy, large, fragrant flowers. Fine for margins of shrubberies and borders in warm, sunny situations.

**O. fruticosa var. major.** 2 feet. June to September. Handsome, large, fragrant golden-yellow flowers in profusion. Very fine. 20 cents each.

**O. Frazerii.** See next.

**O. glauca var. Frazerii.** 1 foot. June to October. Elegant cup-shaped, brilliant golden-yellow flowers in profusion. One of the finest plants in cultivation. 30 cents each.

**O. Macrocarpa,** same as **O. Missouriensis.**

**O. Missouriensis.** 1 foot. June to August. Immense, large, clear-yellow flowers. A fine rock-plant. 20 cents each.

**O. riparia.** 3 feet. Small, clear-yellow flowers in spikes. 20 cents each.



Oenothera.

**C. speciosa.** 2 feet. May to September. By far the finest of all evening primroses, with elegant large, clear-white, fading to rose, fragrant flowers, blooms throughout the summer in profusion. One of the finest border-plants in existence. 20 cents each.

**C. Youngii.** 2 feet. June to August. 20 cents each.

The above set of 6 for \$1.

### OMPHALODES — Creeping Forget-me-not.

A very fine plant for shady spots, where it spreads rapidly and forms a dense carpet, above which its small blue and white flowers in small racemes show very prettily.

**O. verna.** 6 inches. April and May. Small blue flowers, with white throats, in few flowered racemes. 20 cents each.

### ONOSMA — Golden Drop.

Handsome, showy-flowered plants for well-drained sandy loam. Fine for rockeries. Stock always limited.

**O. stellatum var. tauricum.** 8 inches. June to August. Handsome tubular yellow flowers in clusters. 50 cents each.

### OPUNTIA — Prickly Pear.

No class of plants give such rich and striking foliage effects as the hardy Cactii, with their thick, spiny, and fleshy foliage and showy flowers, followed by their peculiar fruit-pods. The species here mentioned are perfectly hardy, and will thrive most satisfactorily under these conditions, *i.e.*, the soil must be well drained, and the plants placed in such a position as to be above the general surface of the ground, that no water may settle about them. It is best to make a small hillock of loam, lime, and small rocks, and plant the plants at the top; or another way is to bury a few large stones in such a hillock, and plant the specimens in their crevices. The secret of their culture is thorough drainage. Handsome for the border or rockery in sunny situations.

**O. Missouriensis.** 1 foot. June and July. Handsome large light-yellow flowers. Spines often 1 to 2 inches long. 20 cents each; \$1.75 per dozen.

**O. Raffenesquiana.** 1½ feet. June. Large pale-yellow flowers, often with a red centre. Spines very small. 25 cents each.

**O. vulgaris.** 1 to 2 feet. June. Large pale-yellow flowers. Spines very minute. 20 cents each; \$1.50 per dozen; \$10 per hundred.

### ORNITHOGALUM — Star of Bethlehem.

Any good garden soil.

**O. umbellatum.** 6 inches. May and June. A handsome spike of clear-white flowers. 20 cents each.

### OROBUS — Bitter Veitch.

Handsome border plants, with showy pea-shaped flowers. Suited to common garden soil.

**O. vernus.** 1 foot. Spring. Pretty, nodding purple and blue flowers, striped red, changing to blue. 25 cents each.

### OXALIS — Wood Sorrel.

A pretty border-plant for partially shaded situations in light soil.

**O. violacea.** 3 inches. All summer. Umbels of handsome pink flowers. 15 cents each; \$1.50 per dozen.

### PACHYSANDRA.

Interesting dense-foliaged creeping plant, with spikes of odd flowers in early spring in advance of the leaves.

**P. procumbens.** 8 inches. April. 20 cents each.

**P. terminalis.** 8 inches. April. 20 cents each.

## PAEONIA — Paeony.

These are fast becoming more and more popular to the public, and surely no class better merits this appreciation, for where can one find a class of plants of easier culture, or of greater hardihood, or one which so amply repays any care bestowed upon them? All except the Tree Pæonies (*P. montan*) are perfectly hardy, suited to any common soil, and all give floriferous results, which, in the standpoint of size, beauty, freedom of flowering, variety of color, and often fragrance, are unexcelled by any other class of plants. Any common soil suits them, but the more attention bestowed upon them will be amply rewarded. A deep, rich loam, well manured, is productive of the best results.



Double Pæony.

***P. albiflora*.** Beautiful single, white, cup-shaped flowers, with showy golden-yellow anthers. One of the rarest and finest species in cultivation. \$1.50 each.

***P. officinalis alba plena*.** [Double White Pæony.] Very double, large, pure-white flowers in profusion. 50 cents each.

***P. officinalis rubra plena*.** [Double Crimson Pæony.] The finest of all the dark-crimson varieties, very double and large, and altogether one of the finest in cultivation; rare. 50 cents each.

***P. officinalis rosea plena*.** [Double Pink Pæony.] Fragrant double pink flowers. 35 cents each.

***P. tenuifolia*.** Handsome fern-like, deep-green foliage, surmounted in early spring by very showy light-crimson single flowers, with golden-yellow stamens. Very scarce. 75 cents each.

***P. tenuifolia flore plena*.** A very rare form of the last, with double flowers. \$1 each.

## Named Chinese Varieties.

Of these we have a very complete collection to which we are constantly adding many new and desirable kinds each year. Owing to these constant additions, and the call for certain varieties of which our stock occasionally becomes exhausted, we find it impracticable to catalogue a list here, but will, on application, send to all who desire a complete descriptive and price list of all varieties in our collection up to that date.

Tree Paeonies. [*P. Montan*.]

These are not hardy in all situations; but in somewhat sheltered spots they thrive most satisfactorily, giving floriferous results which cannot be fully appreciated until seen. Our collection is complete, and we are pleased to send list of varieties to those who may apply.

## PAPAVER — Poppy.

Most showy border-plant, of easy culture in common garden soil. No herbaceous border is complete without representatives of this fine class.

***P. alpinum*.** [Alpine Poppy.] 1½ feet. All summer. Elegant citron-yellow flowers on stems often 18 inches long. A free and continuous bloomer of great beauty. The foliage is glaucous-green, prettily cut and tufted. Should be in every garden. 25 cents each.

***P. bracteatum*.** 3 feet. May and June. Blood-red flowers. Handsome, finely-cut foliage. Similar to *P. orientale*. 25 cents each.

**P. nudicaule.** 1½ feet. All summer. A constant succession of long-stemmed, showy, fragrant flowers of great beauty, in all shades of white, yellow, orange, and crimson. Very effective and one of the finest plants for amateurs to commence with. 25 cents each.

**P. nudicaule var. croceum.** Clear lemon-yellow. 20 cents each.

**P. nudicaule var. album.** Pure white. 20 cents each.

**P. nudicaule var. miniatum, improved.** A new deep orange-crimson variety of great beauty. 35 cents each.

**P. orientale.** [Oriental Poppy.] 3 feet. June. No hardy plant can rival this for showy beauty. The foliage is hairy, dark-green, most handsomely cut, and fern-like, while the flowers are borne on many leafy stems, and are crimson, with a large black blotch at the base of each petal. These flowers are of immense size, often 8 inches across, and give most gorgeous and striking effects. For borders or shrubberies they are most desirable. 25 cents each; \$2 per dozen.

### Varieties of *P. Orientale*.

There has been a marked tendency for this species to produce varieties, and there is promise of great results. Already we have the *var. Parkmanii*, with its deep-crimson flowers, and in Europe several new varieties of merit have appeared. The colors so far obtained are shades of orange, scarlet, and lilac, and greater results are apparent.

Below we name a few varieties of merit.

**P. orientale var. elegans.** A very large and deep-crimson variety of free-flowering habit, and very desirable. Stock limited. \$1 each.

**P. orientale var. lilacina.** A handsome hybrid, from one of the most noted hybridizers of Europe, with handsome deep-lilac flowers. Seedlings. 75 cents each.

**P. orientale seedling No. 1.** A fine orange-scarlet, free-flowering variety. 75 cents each.

**P. orientale var. Parkmanii.** Immense, deep blood-red flowers, with black blotch at base of petals. 50 cents each.

*All the above varieties are rare and most desirable.*

*We can furnish other varieties not here mentioned on application.*

### PARADISIA (ANTHERICUM) — St. Bruno's Lily.

Known also as Anthericum Liliastrum. Grass-like foliage, and spikes of medium-sized pure-white, lily-like flowers. A fine border-plant for common garden soil.

**P. liliastrum.** 2 feet. May, June. 25 cents each.

### PARDANTHUS — Blackberry Lily.

Pretty spotted black and orange flowers, and broad, sword-shaped foliage. Good garden soil.

**P. sinensis.** 2 to 3 feet. July and August. A fine border-plant. 20 cents each; \$1.50 per dozen.

### PASSIFLORA — Passion Flower.

A vigorous half-hardy climber, to be stored in cellars in winter. With handsome flowers borne continuously throughout the summer.

**P. cœrulea.** All summer. 30 cents each.

### PENTSTEMON — Beard Tongue.

Showy border-plants, of easy culture in sandy loam or other light soil, well enriched with leaf-mould.

**P. barbatus var. Torreyii.** 4 feet. July. Very long spikes of brilliant crimson and orange, showy flowers. Requires staking in the border. 20 cents each; \$1.75 per dozen.

**P. cobœa.** 18 inches. July. A fine, large flowered, deep-purple or plum-colored species. 30 cents each.

**P. confertus.** 18 inches. June. Numerous spikes of lilac or purple flowers. 25 cents each.

**P. diffusus.** 18 inches. August. Showy dense spikes of purple flowers. 20 cents each.

**P. digitalis.** 3 feet. July and August. Showy spikes of pure-white flowers. 20 cents each.



**P. grandiflorus.** 3 feet. July. Handsome, large, showy, purple flowers in a long, leafy spike. Foliage, glaucous. One of the best. 25 cents each.

**P. ovatus.** 18 inches. June. Handsome, deep-purple flowers in dense spikes. Very fine. 25 cents each.

**P. pubescens.** 2 feet. August. Dull-purple flowers. 15 cents each.

### Named Hybrids.

Of these we can furnish a select variety. These are not perfectly hardy, and should be protected in winter. \$2 per dozen.

### PHALARIS—Ribbon Grass.

Any common soil, where it may have room to spread.

**P. arundinacea var. variegata.** 4 feet long. July. Handsome variegated gold and green foliage. 15 cents each; \$1 per dozen.

### PHLOX.

Who does not know and admire the beautiful Phlox, with its wealth of elegant bloom?

Probably no genus of plants serves more to ornament the gardens of both America and Europe in its many forms than this. Every one who loves flowers knows of the extreme beauty of form and coloring which is shown by the annual or Drummond Phlox, one of the easiest raised, easiest flowered, and most showy of all garden plants; yet do as many know that there are perennial varieties which equal and even rival the annual in color, while in floriferousness and size of panicle they are far its superior; and do they know also that it is possible, and even easy, by a careful selection of species and varieties, to obtain a continuous succession of bloom from April to October from this genus alone, and all perennials of easiest culture possible?

Probably no better proof of the value of hardy Herbageous Perennials as garden plants can be shown than in the genus Phlox. The flowers of all the species are showy, and most varieties are excellently adapted for cutting, the exception being in the prostrate forms of *P. subulata*, while all are free flowering, perfectly hardy, and suited to any well-drained soil, and will stand almost any amount of drought. Their variety of habit is also of great value and makes them especially useful. The dwarf creeping forms of *P. subulata* make excellent carpets of evergreen verdure, suited as a covering for unsightly dry places, as a margin plant, or as a border plant for the front edge. The tufted species, including *P. amena*, *pilosa*, *stellata*, etc., are fine border-plants, while *P. Carolina*, etc., are taller, and can be used in shrubberies or the front of borders; while the named varieties of *P. suffruticosa* are still taller, and are most desirable and fit companions to the vigorous growing varieties of *P. decussata*, which as shrubby, bed, or border plants have no successful rivals.

We have arranged the class under several heads for the convenience of our friends, *i.e.*, in the order of size and blooming, which will render it more easy to select for height and season.

### Dwarf and Spring-blooming Phlox.

A fine class of great beauty and but little known, but deserving of extended use. All are dwarf in habit, and at their season of blooming are completely enveloped in their mass of showy flowers. All have evergreen foliage, and are pleasing objects in borders, even when out of flower. None are affected by the severest frost, and all are true perennials, of easiest culture in well-drained, light soil.

**P. amena.** 6 inches. April to June. An elegant tufted, dark, evergreen-foliaged species, with a mass of bright-pink flowers in dense clusters, to completely envelop the plant. Each cluster is well raised above the foliage on a clean stem. One of the finest. 25 cents each.

**P. Carolina.** 1½ feet. June to Sept. A variety of *P. ovata*, of strong, vigorous growth, producing large, showy heads of large pink flowers. Fine for cutting. A splendid variety. 15 cents each.

**P. Canadensis.** 1 foot. May. A fine species of slender growth, with dense corymbs of pale-blue flowers. 25 cents each.

**P. Nelsoni.** 6 inches. May. Cushions of evergreen, moss-like foliage, covered with snow-white showy flowers. 20 cents each.

**P. pilosa.** 9 inches. May. Dense-tufted evergreen foliage, surmounted by long-stalked, dense, showy panicles of pink flowers. Rare, and a fine rock-plant. 10 cents each.

**P. reptans.** 7 inches. June. Small, showy clusters of pretty purple or violet flowers. A creeper. 20 cents each.

**P. Stellaria.** 1 foot. May and June. Handsome pale-lilac or white, star-shaped, showy flowers completely enveloping the plant. One of the finest. 20 cents each.

**P. setacea, the same as P. subulata.**

**P. subulata.** [Moss Pink.] 6 inches. May. Pink or dark-red flowers, with darker centres, completely enveloping the prostrate, moss-like foliage in early spring. Fine for bedding or for carpeting. 15 cents each; \$1.00 per dozen.

### Varieties of *P. Subulata*, or Moss Pink.

- Alba.** Handsome, pure white. 25 cents each.  
**Compacta.** A dense-tufted form with rose flowers. 30 cents each.  
**Fayrii.** Pure white, with rosy eye. 30 cents each.  
**Model.** Rosy-carmine; fine habit. 25 cents each.  
**Perfection.** Pure white, purple centre. 25 cents each.  
**The Bride.** Pure white, red centre. 20 cents each.

### Varieties of Early or Summer-Flowering Phlox — *Phlox suffruticosa*.



Phlox.

The following are all of dwarf habit of growth, varying from 9 inches to 2 feet high. They usually commence to bloom in June and continue until August. Their flowers are usually in small, dense panicles, and are more wax-like and fragrant than the autumn-flowering varieties. For borders or shrubberies they are unexcelled, and they give a wealth of bloom which is most effective. 25 cents each.

**Belle Pyramide.** Deep lavender-shaded rose, crimson eye.

**Ciceron.** Light-purple, fine quality.

**Endolie.** Lilac, good panicle.

**Forward.** Rose, good substance.

**La Riceron.** White, clear-lilac eye.

**Miss Lingard.** A splendid new variety, with immense long and narrow panicles or spikes of handsome large, pure-white flowers, with a small lilac eye. By far one of the finest new Phlox in existence, of free, vigorous growth, with handsome healthy foliage of darkest glossy green, and entirely free from all mildew. It grows about 2 feet high, and commences to bloom in June, continuing until September, provided it is not allowed to seed.

**Pietel de la Rieve.** 3½ feet. Splendid pure white.

**Vulcan.** Deep-maroon, very effective.

### Late, or Autumn-blooming Phlox — *P. decussata*.

A fine class, varying in height from 18 inches to 5 feet, and including all shades and combinations of white, lilac, purple, ash, rose, red, salmon, and maroon; often a hundred or more flowers in a dense spike, often a foot long and two-thirds as broad. Blooming from July to October. Of easiest possible culture in all soils, preferring light, sandy, rich loam, in a sunny position. Our collection is very large, including over two hundred varieties, and when seen in their wealth of bloom are most showy. We have selected therefrom twenty-five of the best varieties, and offer them here with perfect assurance of their giving satisfaction. Price, unless otherwise noted, 25 cents each; \$2 per dozen.

**Baron de Lassus.** 4 feet. Rosy-salmon, darker eye.

**Boule de Feu.** 2½ feet. Fiery-red; crimson eye.

**Caucasse.** 2 feet. White; large, clear-crimson, well-defined eye.

**Chimere.** 3 feet. Purple-mauve; dense panicle.

**Citoyen de Capreva.** 2½ feet. White, shaded violet; violet-carmine eye. Immense flower.

**Eugene Verdier.** 2½ feet. Deep maroon; very late and effective.

**Gracie.** Light, rosy-salmon, deeper eye; fine. 50 cents each.

**Le Cœur du Monde.** 2 feet. Lilac; deeper eye. An extra large and fine flower.

**Le Pole Nord.** 5 feet. White; deep-crimson eye. A most vigorous bloomer.

**Lothair.** 3 feet. Light, scarlet-shaded violet; very distinct.

**Mad. Herminne de Turenne.** 3½ feet. Flesh-rose, deeper centre; very large and effective.

**Mad. Froment.** 3 feet. Deepest crimson-maroon.

**Mad. Moissette.** 3 feet. Bright rosy-salmon, deeper eye; fine.

**Mad. Montperissier.** 3 feet. Bright-flesh, shading to bluish-purple.

**Mad. Sousine.** 2½ feet. Deep rose, scarlet eye.

**Mad. Vetionseuil.** 2½ feet. Clear rosy-salmon, deeper eye.

**Michael Buckner.** 3 feet. Rosy-crimson; very free and distinct.

- Mons. Dubue.** 4 feet. Salmon-magenta, crimson eye; fine.  
**Pres. Dubreuilth.** 4 feet. Rosy-salmon, deeper eye; fine truss.  
**Princess Louise.** 2 feet. White; small, well-defined, rosy-lilac eye; compact truss.  
**Poupre de Lidon.** 3 feet. China-pink, deeper centre; very fine.  
**Roi des Roses.** 3 feet. Bright rose, carmine eye. One of the finest, earliest, and showiest.  
**Richard Larois.** 3 feet. Clear lilac; an extra large and showy flower.  
**Richard Wallace.** 2½ feet. White; large, showy, scarlet centre.  
**Wm. Bull.** 2½ feet. Lilac, lighter eye. One of the best, with very large flowers and broad panicles.

### PLATYCODON.

An elegant border-plant, of erect growth, well suited for the flower-border or for shrubberies. Any deep soil is well suited to its growth. The flowers are large, bell-shaped, and borne in the greatest profusion, so as to require temporary staking of the plant. The type is deep-blue in color, and there are several varieties, double blue, double white, single white, and white-veined blue, all of which are very desirable.

**P. grandiflorum.** 3 feet. June and August. Deep-blue. 25 cents each.

**P. grandiflorum alba.** White. 25 cents each.

**P. grandiflorum alba plena.** Double white. 25 cents each.

**P. grandiflorum flore plena.** Double blue. 25 cents each.

**P. grandiflorum striata.** White, beautifully veined blue.

### PODOPHYLLUM—May Apple or Mandrake.

Elegant broad peltate foliage, and large white flowers.

**P. peltatum.** 12 inches. July. 15 cents each; \$1.25 per dozen.

### POLEMONIUM.

Handsome-foliaged border-plants, of easiest possible culture in common garden soil. All with handsome, fern-like foliage, surmounted by loose spikes of handsome flowers.

**P. cœruleum.** 2 feet. April to June. Handsome deep-blue flowers. 25 cents each.

**P. Himalaicum.** 2 feet. All summer. A novelty of first-class merit. Spikes of large, handsome azure-blue flowers, each often one and one-half inches across, and these arranged in showy spikes, which are produced in profusion from May to August. Certainly one of the finest of recently introduced garden-plants. 25 cents each; \$2 per dozen.

**P. humile.** 6 inches. July. Drooping heads of clear-blue flowers. 25 cents each.

**P. reptans.** 6 inches. April. Pretty blue or white flowers in clusters. 25 cents each.

**P. Richardsonii.** 1½ feet. May and June. Handsome sky-blue flowers, with yellow anthers. Rare and fine. 25 cents each.

### POLYGONATUM—Solomon's Seal.

A handsome border-plant, with long, arching, leafy stems, with long, tubular flowers drooping underneath. Fine for forcing.

**P. multiflorum.** 2 feet. June. 20 cents each.



*Platycodon grandiflorum.*

**POLYGONUM — Knot-weed.**

Handsome, vigorous-growing plants, for use singly on lawns, among shrubberies, or in large borders; with elegant heart-shaped foliage, and a fine drooping habit of growth, while in August the whole upper half of the branches is thickly studded with elegant drooping panicles of fine white or creamy-white flowers. Most magnificent subjects, and suited to any common soil where they can have room to develop.

**P. cuspidatum.** 5 feet. July and August. Creamy-white flowers. 20 cents each; \$2 per dozen.

**P. sachalinense.** 8 to 10 feet. September. Showy, greenish-white flowers. 25 cents each; \$2.25 per dozen.

**P. Sieboldii** is the same as **P. sachalinense.**

**POTENTILLA — Cinquefoil.**

Handsome border-plants for most any soil, although sandy loam is preferred; with finely-divided foliage, and a profusion of small but conspicuous flowers.

**P. fruticosa.** 3 feet. July to August. A shrub, with handsome foliage, and covered with clear-yellow showy flowers. 25 cents each.

**P. gracilis.** 2 feet. June. Showy golden-yellow flowers. 30 cents each.

**PRIMULA — Primrose.**

A fine class of showy plants, many of which are hardy and well suited to well-drained borders or rock-work. All the species require careful attention as to drainage. The most satisfactory method of culture is in cold frames, or in sunny positions on rock-work.

**P. auricula.** 3 inches. Handsome, variously-colored flowers in dense stalked heads. 25 cents.

**P. cashmeriana** is a variety of **P. denticulata.**

**P. cortusoides var. Sieboldii.** 12 inches. April. Tall-stalked, dense heads of handsome, large, deep rosy-pink flowers. 35 cents each.

**P. denticulata.** 12 inches. April and May. Close globular heads of light-purple and yellow flowers. 35 cents each.

**P. obconica.** 1 foot. April. Large, showy heads of handsome lilac flowers. A fine free flowering form for cold-frame culture. 25 cents each.

**P. veris.** [Cowslip.] 12 inches. April. Handsome bright-yellow flowers. 20 cents each. \$1.75 per dozen.

**P. vulgaris.** [Common Primrose.] 3 inches. April. Clear-yellow flowers. 20 cents each; \$1.75 per dozen.

**PULMONARIA — Lungwort.**

Of easy culture in any common soil. Showy purple-pink or rose flowers in heads, and, in some species, handsome spotted foliage.

**P. angustifolia.** [Blue Cowslip.] 1 foot. May. Pink flowers, changing to blue. 25 cents each.

**P. officinalis.** 1 foot. May. Red flowers, changing to violet. Handsome spotted foliage. 25 cents each.

**PYRETHRUM — Feverfew.**

Most desirable hardy plants, of easy culture in any good soil. The hybrid forms of *P. roseum* are most effective. All showy border plants, with effective foliage, and an abundance of showy flowers in their season. For cut flowers they are unexcelled.

**P. roseum.** 2 feet. June. Handsome aster-like single flowers, with pink or rosy-red rays, and deep-yellow centres. Foliage, fern-like, most beautifully cut. 20 cents each.

**P. uliginosum.** 5 feet. August and September. Very large, showy, white flowers of fine substance, and very effective in the border, or for cutting. 25 cents each.

**Named Single Varieties of *P. roseum*.**

Of these we are constantly receiving new varieties of great merit, as well as adding many of our own raising, and as new varieties are constantly superseding older and less desirable ones, we do not catalogue any here, but will, on



**Pyrethrum.**

application, send lists of named varieties at time of inquiry. This we believe to be a more satisfactory way of doing. Those not caring for named varieties, but only desiring the finest, can be furnished with plants of our selection in any shade of white, rose, and crimson, at 35 cents each; \$3 per dozen.

### Double Pyrethrums.

Many new and improved varieties are constantly being added to our collection, and it is useless to catalogue any prescribed list. Full descriptive lists of named Double Varieties in stock, to date of inquiry, will be furnished all applicants. This will enable a more satisfactory selection.

Named varieties, our selection, 35 cents each.

Named varieties at purchaser's selection. See above-mentioned special list.

### RANUNCULUS — Buttercup.

Showy flowers, of easy culture in common soil.

**R. acris fl. pl.** [Bachelor's Buttons.] 2 feet. May and June. Showy, very double, deep, glossy golden-yellow flowers, and handsomely cut foliage. A fine border-plant. 20 cents each; \$1.50 per dozen.

**R. aconitifolius fl. pl.** [Fair Maids of France.] Double white flowers. 25 cents each.

### RHEUM — Rhubarb.

Any common soil.

**R. officinale.** 6 feet. July. Broad ornamental foliage. 25 cents each.

### RHEXIA — Meadow Beauty.

Handsome plants, of easy culture. Thriving best in soil well enriched with leaf-mould.

**R. virginica.** [Deer Grass.] 9 inches. August. Large, showy, deep-crimson or pink flowers. 15 cents each; \$1 per dozen.

### RUDBECKIA — Cone-Flower.

Showy border-plants, of easy culture in any common soil.

**R. hirta.** 2 feet. July and August. Showy yellow flowers, with deep-purple disks. 15 cents each; \$1 per dozen.

**R. laciniata.** 4 to 5 feet. July. Large clear-yellow flowers, and deeply-cut foliage. 25 cents each.

**R. maxima.** 6 feet. July and August. An elegant plant for the back of borders or among shrubberies, with handsome broadly-oval, glaucous foliage, and immense flowers, often 6 inches in diameter, with a tall, columnar, dark-purple disk, and broad, drooping, showy, clear-yellow ray florets. 25 cents each; \$2 per dozen.

**R. Newmanii.** 8 feet. July and August. 25 cents each.

**R. pallida** is the correct name for *Echinacea augustifolia*. 25 cents each.

**R. purpurea** is the name of *Echinacea purpurea*. 25 cents each.

**R. speciosa.** 2 feet. July and August. Showy large flowers, with yellow centres and deep-yellow rays. One of the best. 25 cents each; \$2 per dozen.

### SALVIA — Sage.

Any common soil.

**S. officinalis.** [Common Sage.] 20 cents each.

### SANGUINARIA — Blood-Root.

Fine for the front of borders, with broad, heart-shaped, dentate foliage, of fine effect. Any common soil, but gives finest effect in light shade.

**S. Canadensis.** 1 foot. April. Handsome clear-white flowers, of short duration. 15 cents each; \$1 per dozen.

### SANTOLINA — Lavender Cotton.

Handsome fine, light, glaucous-tinged foliage. Fine for color effect.

**S. incana.** 1 foot. June. Dense heads of minute yellow flowers. 20 cents each; \$1.75 per dozen.

## SAPONARIA — Soapwort.

A fine trailing plant for the rockery, or the front of borders. Any common soil.

**S. ocymoides var. splendens.** 6 inches. May to August. A succession of showy sheets of small clear-pink flowers. Very fine. 25 cents each.

## SAXIFRAGA.

An interesting class of handsome flower and foliage plants adapted to damp positions in rockeries, or to the flower-border. There are many most desirable species of this genus, and all are alpine, but as yet we have tested only the varieties below mentioned, which we can recommend.

**S. Andrewsii.** Handsome deep-green, toothed foliage, in dense tufts surmounted by spikes of numerous handsome spotted flowers. \$1 each.

**S. crassifolia.** 1 foot. April. Handsome broad, deep-green, wavy foliage, and immense dense heads of handsome pink flowers. 25 cents each; \$2 per dozen.

**S. peltata.** A handsome broad, peltate-foliaged species, of great ornamental value. 75 cents each.

The last two species are admirably adapted for use in borders.

**S. virginiensis.** 4 to 8 inches. April. White flowers in clusters. 15 cents each; \$1.50 per dozen.

## SCABIOSA — Scabious.

Handsome border-plants for any good soil.

**S. Caucasicæ.** 1 foot. June to August. Showy, large, pale-blue flowers, often 3 inches in diameter. One of the finest border-plants grown. 50 cents each.

## SCILLA — Squills.

Handsome-flowered bulbous plants, to be planted in common soil in fall.

**S. Fraserii.** 6 inches. May and June. Panicles of deep-blue showy flowers. 15 cents each.

**S. sibirica.** 6 inches. May. Deep-blue flowers in loose spikes. 15 cents each.

## SEDUM.

An interesting class, of great variety of flower, foliage, and habit of growth; some are prostrate creepers trailing along the ground and sending up leafy-stemmed spikes of flowers, while others are upright in growth and admirable border-plants. All thrive in any well-drained soil, and oftentimes the poorer the soil the better, while the tall growing varieties are fine border-plants.

**S. acre.** 2 to 3 inches. June and July. A fine foliaged dwarf, yellow-flowered species, fine for naturalizing on old walls and similar situations. 10 cents per clump.

**S. acre var. aureum.** A handsome golden-foliaged variety. 15 cents per clump.

**S. album.** 4 to 6 inches. June. 15 cents each.

**S. brevifolium.** 2 inches. July. Handsome minute glaucous foliage. 15 cents each.

**S. Douglassii.** 3 inches. July. Yellow flowers. 15 cents each.

**S. Lydium.** 2 to 3 inches. July and August. Fine for rock-work or carpetings. Pink flowers. 10 cents each.



Sedum.

**S. Maximowicksii.** 1 foot. June and July. Handsome dark-green, toothed foliage, and immense broad heads of bright-yellow flowers. A fine upright-growing perennial, of great value for the border. 25 cents each; \$2 per dozen.

**S. pulchellum.** 3 to 6 inches. Handsome rosy-purple flowers and fine foliage. 20 cents each.

**S. reflexum var. sexangulare.** 4 inches. June. Yellow flowers, and dense trailing habit of growth. 15 cents each; \$1.20 per dozen.

**S. Sieboldii.** 9 inches. August. Handsome, dense glaucous-green foliage of great beauty. 20 cents each.

**S. spectabile.** 2 feet. August. Handsome, broad, oval, light-green foliage and immense showy heads of handsome, rose-colored flowers. A fine border-plant, of upright habit, and one of the best plants for foliage or flower effects in our collection. This and the species *S. Maximowicksii* should be in every collection of hardy plants. 25 cents each; \$2 per dozen.

**S. spectabile var. variegata.** A fine golden variegated form; very showy and effective for contrast of foliage with other plants in the border. 25 cents each.

**S. telephium.** 1½ feet. August. A native, with dark-green foliage and dense globular heads of rosy-red flowers. 15 cents each.

**S. telephium var. purpurea.** 1 foot. August. A dark-purple foliaged variety, of lasting color. 35 cents each.

### SEMPERVIVUM — Houseleek.

A most interesting and useful class of evergreen plants suited to any dry soil, the dryer seemingly the better. They will thrive on the barest rock on a handful of soil. The most useful of all plants for carpeting barren dry spots with carpets of verdure in striking variety of foliage, while their flowers are by no means wanting in ornamental merit. These flowers are arranged on one-sided spikes, and are in shades of red or yellow, with handsome showy centres. Besides the below-mentioned several other interesting species can be furnished.

The following kinds can be furnished at 15 cents each, \$1.50 per dozen; \$10 per hundred: —

*S. anomalum, arachnoideum, arenarium, arvensis, atlanticum, calcareum, ciliatum, cuneatum, flagelliformis, glaucum, Heuffelii, patens, ruthenicum, soboliferum, Wulfenii.*

**S. tectorum.** 5 cents each; 50 cents per dozen; \$4 per hundred; \$25 per thousand.

### SIDALCEA — Indian Mallow.

A pretty border plant, suited to any good soil.

**S. candida.** 3 feet. June. Showy white flowers in long spikes. 20 cents each; \$1.75 per dozen.

### SILENE — Catch Fly.

Easily cultivated in any good soil. Showy plants for the border.

**S. Pennsylvanica.** [Wild Pink.] 8 inches. April to June. Showy heads of bright pink flowers. 20 cents each.

**S. Virginica.** [Fire Pink.] 2 feet. June. Deep-crimson, showy flowers. 20 cents each.

### SILPHIUM — Compas Plant.

Coarse-growing plants for the wild garden, or in a collection. Ordinary soil.

**S. laciniatum.** [Pilot Weed.] 6 feet. July. Deeply serrated foliage. Flowers, yellow. 20 cents each.

**S. perfoliatum.** 8 inches. July and August. Showy yellow flowers. Broad foliage. 25 cents each.

### SOLDANELLA.

Elegant alpine plant for rock-work, with roundish foliage, and handsome, loosely-clustered, violet flowers. Plant in peaty loam in the crevices in rock-work.

**S. alpina.** [Blue Moonwort.] 3 inches. April. 30 cents each.

### SOLIDAGO — Golden Rod.

Handsome plants, many species of which can be furnished, but which are mostly coarse, prolific growers, quickly impoverishing the soil, and so, suited only to the wild garden. The few species here mentioned are handsome border-plants, worthy of culture. Any common soil. All with yellow flowers in showy heads.

**S. Drummondii.** 2 feet. 20 cents each.

**S. odora.** 3 feet. 20 cents each.

**S. rigida.** 4 feet. 20 cents each.

**S. sempervirens.** 4 feet. 20 cents each.

**S. virgaurea var. alpina.** 2 feet. A dwarf form, fine for rock-work. 20 cents each.

### SPHAERALCEA — Globe Mallow.

Broad foliage, and handsome pink flowers in clusters. A good, rich, well-drained loam is best for its culture.

**S. acerifolia.** 4 feet. July. 30 cents each.

## SPIRAEA.

A most valuable class, of easy culture in any good soil, but preferring deep, rich loam, while a few of the species are excellent for the borders of ponds and streams. All the species here mentioned are of value, and most desirable border-plants.

**S. Aruncus.** [Goat's Beard.] 4 feet. June. Handsome, light-green pinnate foliage, surmounted by immense panicles of fine, creamy-white flowers. Very showy border-plant, of the first merit. Also fine for shrubberies. 25 cents each; \$2 per dozen.

**S. astilboides.** 3 feet. June and July. A form similar to, but dwarfer than the last. Fine and only recently introduced. 75 cents each.

**S. Filipendula.** [Dropwort.] 3 feet. June and July. Most beautiful pinnate, fern-like, deep-green foliage, and large, dense, showy heads of clear-white, tinged rose flowers. One of the best perennials grown. 25 cents each.

**S. Filipendula fl. pl.** A form with double flowers and of dwarfer growth; very effective. For the front of borders. 20 cents each.

**S. lobata.** [Queen of the Prairie.] 6 feet. June and July. Showy, large heads of deep, rose-colored flowers. 20 cents each; \$1.75 per dozen.

**S. Japonica.** 1½ feet. June and July. A fine dwarf form, with dark, glossy-green foliage, and spikes of small, pure-white flowers. Much used for forcing. 20 cents each; \$1.75 per dozen.

**S. Japonica var. purpurea.** A purple foliaged form. 50 cents each.

**J. Japonica var. aurea reticulata.** Elegant golden-variegated, golden-yellow, and green foliage of fine effect. New and very desirable. 50 cents each.

**S. palmata.** 3 feet. June to August. One of the finest perennials in cultivation, with elegant palmate foliage, and a succession of showy heads of flowers, deep-crimson in color and most effective. Should be in every collection. 35 cents each; \$3 per dozen.

**S. palmata var. alba.** A rare form, with pure-white flowers. 75 cents each.

**S. palmata var. elegans.** No hardy plant, to our knowledge, can begin to compare with this as an ornamental border-plant. The foliage is of itself very showy, but its greatest ornamental effects are in its flowers, which are arranged in loose terminal spikes on stems well adapting it for cutting. The flowers are pure white, or sometimes with the slightest tinge of cream, with anthers of a clear, deep crimson, and show most effectively. The great number of flowers in the panicle, with each finely dotted with crimson, give an effect most indescribable. A plant which never should be omitted from a good garden.

This plant is disputed as to its origin, some claiming it to be a hybrid between *Spiræa palmata* and *Astilbe Japonica*, and others claim it to have originated from *S. Ulmaria* as a type; but, however this may be, it does not detract from its desirability as a border-plant. 35 cents each.

**S. Ulmaria.** [Meadow Sweet.] 3 feet. July. Creamy-white or white flowers in dense heads.

**S. Ulmaria fl. pl.** Double white flowers. 25 cents each.

**S. Ulmaria var. variegata.** A most desirable form, with handsomely variegated, gold and green foliage, the golden variegation clinging to the midribs of the leaflets, giving a most handsome effect. Fine for borders. 25 cents each.

**S. venusta.** 3 feet. July. One of the best, with heads of fine, rosy-pink flowers. 25 cents each.

## STACHYS — Woundwort.

Any common garden soil.

**S. lanata.** 1½ feet. July. Spikes of showy, purple flowers. Shown most advantageously against the peculiar light-gray, woolly foliage. A fine plant for foliage effect. 25 cents each.

## STATICE — Sea Lavender.

Elegant border-plants for light, loamy soil, with broad, loose heads of innumerable flowers. Fine for cuttings and for drying for everlasting bouquets.

**S. latifolia.** 1½ feet. July and August. Blue flowers. 25 cents.

**S. maritima.** 1½ feet. July. Rose-colored flowers. 25 cents.

**S. undulata.** 10 inches. August. Lilac. 50 cents.

## STELLARIA — Stitchwort.

A handsome dwarf spring-flowering plant, of easy culture, in front of borders, or as a rock-plant, with narrow, light-green foliage and showy white flowers in profusion.

**S. Holostea.** 6 inches. May. 20 cents each.



**STENACTIS SPECIOSA.** *See* *Erigeron Speciosa.***STOKESIA — Blue Stokesia.**

Handsome blue Aster-like flowers. Requires a sheltered situation.

**S. cyanea.** 6 to 12 inches. August and September. 20 cents each.

**SYMPHYTUM — Comfrey.**

A showy plant for almost any soil, with broad, ornamental foliage. Also suitable near ponds, etc.

**S. officinale.** 3 feet. June. Creamy-white flowers in terminal clusters. Foliage very large, ovate, lanceolate. 25 cents each.

**S. officinalis var. luteo-marginata.** [Variegated Comfrey.] Elegant golden-bordered foliage. A fine plant. It should not be allowed to flower. 35 cents each.

**TANACETUM — Tansy.**

Spreading, vigorous-growing, fragrant-foliaged perennials, freely growing in any soil. The variety here mentioned has elegant, finely-cut foliage, but should not be allowed in borders among more worthy plants.

**T. vulgare var. crispum.** 2½ feet. August. 20 cents each.

**TELEKIA.** *See* *Bupthalmium speciosissimum.***THALICTRUM — Meadow Rue.**

A class of ornamental-foliaged plant suited to common soil. Good border-plants.

**T. anemonoides.** [Rue Anemonæ.] 1 foot. June. White flowers in loose spikes. Elegant finely-cut foliage. Fine for front of borders. 25 cents each; \$2 per dozen.

**T. cornuti.** 4 feet. June and July. Large, open panicles of creamy-white flowers. 20 cents each.

**T. Cornuti var. purpurea.** A showy purple or lavender-flowered form. 25 cents.

**T. dioicum.** 1½ feet. May. Purple flowers, in loose, showy clusters. Fine foliage. 20 cents each.

**THYMUS — Thyme.**

Pretty, tufted, small-foliaged plants for well-drained soil. Rockeries or sandy borders.

**T. micans.** 3 inches. July. Dense tufts of very fine foliage, surmounted by clusters of purple or lilac flowers. Good for rock-work. 25 cents each.

**T. vulgaris.** 6 inches. June and July. A fine covering plant for dry situations. Small purple or lilac flowers in spikes. 15 cents each.

**T. vulgaris var. aureus.** A golden variegated-leaved form of beauty. 25 cents each.

**TIARELLA — Mitrewort.**

Fine border or rock-work plants for ordinary soil.

**T. cordifolia.** [False Mitre wort.] 12 inches. April. Pretty foliage, surmounted by dense spikes of fine, mist-like, white flowers. 15 cents each; \$1 per dozen.

**TRADESCANTIA — Spiderwort.**

Handsome, continuous-blooming plants, of easy culture in common soil. Well suited for borders or shrubberies, where their successional free-blooming qualities are most effective.

**T. virginica.** 2½ feet. All summer. Deep, violet-purple flowers. 20 cents each.

**T. virginica var. alba major.** Pure-white. 25 cents each.

**T. virginica var. coerulea.** Clear-blue. 25 cents each.

**T. virginica var. coccinea.** Deep-red. 25 cents each.

**T. virginica var. lilacina.** Handsome lilac. 25 cents each.

The full collection is very showy.

The above 5 varieties for 75 cents.

**TRILLIUM — Wood Lily.**

A most worthy class of Liliaceous plants, well suited to any common soil, but for best results they should be planted in a good mixture of loam and leaf mould, in a partially shaded situation, where they will thrive most satisfactorily.

**T. cernuum.** 1½ feet. April and May. Small lily-like, white flowers. 15 cents each; \$1 per dozen.

**T. erectum.** 1 foot. May. Large, erect, deep-purple flowers. 15 cents each; \$1 per dozen.

**T. erectum var. album.** A pure-white form. 20 cents each.

**T. erythrocarpum.** [Painted Wood Lily.] 1 foot. April and May. Showy, large white and purple flowers. 25 cents each.

**T. grandiflorum.** [Wake Robin.] 1 foot. May. Handsome, large white flowers, fading to pink. By far the finest of the genus and most worthy of cultivation. 15 cents each; \$1 per dozen.

**T. sessile.** 12 inches. April. Dark-purple, showy, erect flowers. 20 cents each.

**TRITOMA — Torch Lily.**

See under head of **KNIPHOFIA**.

**TROLLIUS — Globe Flower.**

Very compact growing and free-flowering plants, of easy culture in heavy soil and moist situations, although thriving well in common borders.

**T. Europeus.** 1½ feet. June to August. Deep-yellow, showy globular flowers; dark, deeply-cut foliage. 25 cents each.

**TUNICA.**

A handsome, free-flowering rock-plant, suited to any common light soil. Its small, light, rosy-white flowers are borne in great profusion, and show well against its fine linear foliage.

**T. saxifraga.** 6 inches. June to August. Should be used largely. 25 cents each.

**TUSSILAGO — Colts-foot.**

A rapidly-spreading, broad-foliaged plant suited to any soil, but of value only when it can spread without injury to more valued subjects.

**T. farfara.** 9 inches. June. Yellow or light-orange flowers. 15 cents each; \$1 per dozen.

**UVULARIA — Bell-Flower.**

Desirable early spring-flowering plants, easily cultivated in common soil.

**U. grandiflora.** 18 inches. April. Drooping creamy-white or yellow tubular, bell-shaped flowers under the foliage. 15 cents each; \$1 per dozen.

**VALERIANA — Valerian.**

Handsome pinnate foliage and tall spikes of the species below mentioned, light-pink or white flowers of great fragrance. Any common soil.

**V. officinalis.** 3 feet. June. 20 cents each; \$1.50 per dozen.

**VERNONIA — Iron Weed.**

A vigorous-growing perennial suited to any soil. The flowers are purple, in dense, showy heads. An excellent subject for the back of borders, or for naturalizing with other plants of similar character as the taller growing asters or sunflowers.

**V. Nova-borascensis.** 5 feet. August and September. Very showy. 25 cents each.

**VERONICA — Speedwell.**

A most effective class of fine border-plants adapted to common soils. All the below-mentioned are desirable.

**V. amethystina.** 9 inches. June. A most effective border-plant of low, dense habit of growth, and in June it is densely covered with innumerable showy spikes of deep amethyst-blue flowers. One of the best hardy perennials. 25 cents each.

**V. gentianoides.** 18 inches. May. A handsome-tufted, broad, glossy, green-leaved species, with long, showy spikes of blue flowers. Very fine. 25 cents each.

**V. incana.** 6 inches. August. Handsome light-gray foliage, and small but elegant spikes of deepest blue flowers. One of the best for rockeries or for the front of borders. 20 cents each; \$1.75 per dozen.

**V. longifolia var. subsessilis.** 3 feet. August. One of the finest border plants in cultivation, with immense showy spikes of handsome, deep, amethystine-blue flowers. By far the best of the genus, — a good recommendation when so many of its species are so valuable. 30 cents each.

**V. repens.** 1 inch. April. A handsome rock-plant, with very low, creeping branches, and small, but showy, white flowers. 20 cents each; \$1.75 per dozen.

**V. rupestris.** 4 inches. May and June. A fine creeping form, fine for carpetings and the front of borders, with innumerable showy spikes of handsome blue flowers. One of the finest creepers grown. 20 cents each; \$1.50 per dozen.

**V. spicata.** 3 feet. June to August. Handsome spikes of small blue flowers. The spikes are of great length and continue to grow and flower for a long time. A fine border-plant. 20 cents each; \$1.50 per dozen.

**V. spicata var. alba.** A showy, white-flowered variety. 25 cents each.

**V. virginica.** 6 feet. August. A fine, tall-growing perennial, with immense showy spikes of white flowers. 20 cents each; \$1.50 per dozen.

### VINCA — Myrtle, or Perriwinkle.

All handsome evergreen creepers, with showy tubular flowers in spring and again in autumn. Any soil, but well adapted to a shady situation. A fine covering plant.

**V. herbacea.** June and July. Large purplish flowers. 25 cents each.

**V. major var. variegata.** June. A handsome golden variegated creeper, large blue flowers. 25 cents each.

**V. minor.** June and August. Clear-blue flowers. 10 cents each; 50 cents per ten; \$4 per hundred; \$30 per thousand.

**V. minor var. alba.** Pure white variety. Very fine for use in cemeteries. 15 cents each; \$1 per dozen; \$5 per hundred; \$35 per thousand.

**V. minor var. purpurea plena.** Double purple flowers. 25 cents each.

**V. minor fl. pl.** Double blue. 25 cents each.

**V. minor rosea plena.** Double rose-colored flowers. Rare. 25 cents each.

### VIOLA — Violet.

Desirable low-growing perennials, of great value for borders or rockeries. Any good, rich soil, some species preferring shade.

**V. Canadensis.** 1 foot. May to August. Small white flowers, broad, heart-shaped foliage. 20 cents each; \$1.50 per dozen.

**V. canina var. sylvestris.** 9 inches. April to August. Deep purple or lilac. 15 cents each; \$1 per dozen.

**V. cornuta.** 9 inches. May to August. Tufted dark, glossy-green foliage. Large pale-blue flowers. 25 cents each.

**V. cornuta var. alba.** A splendid large white-flowered variety, of continuous blooming qualities. A fine bedding-plant for borders. 25 cents each; \$2 per dozen.

**V. cucullata.** 10 inches. Spring and fall. Deep-purple flowers on very long stalks. 15 cents each.

**V. cucullata var. alba.** A pure white variety. 20 cents each.

**V. cucullata var. variegata.** A handsome variegated flowered kind. 15 cents each.

**V. lutea.** 9 inches. May. Clear-yellow flowers. 20 cents each.

**V. pedata.** 6 inches. June. Finely cut foliage, and showy lilac flowers. 20 cents each.

**V. pedata var. alba.** Pure white. 30 cents each.

**V. pedata var. bicolor.** A handsome variety, with deep royal purple upper petals, and blue lower petals. As showy as a pansy. 25 cents each.

**V. pubescens.** 6 inches. June and July. Yellow. 15 cents each.

**V. tricolor.** [Pansy.] 9 inches. All summer. We furnish a fine collection of select kinds of this handsome bedding-plant in a great variety of color, while the flowers are large and very freely produced. Our collection embraces seedlings from the best collections. \$1 per dozen.



Viola cornuta.

**V. odorata var. Maria Louise.** A fine winter-blooming violet for frame culture, by which a continuous succession of flowers can be obtained throughout the winter. Flowers double, deep-blue and of the finest fragrance, and borne in great profusion. 20 cents each.

### WALDESTEINA—Barren Strawberry.

Fine for a covering; suited to shady or open situations to any common soil.

**W. fragarioides.** 6 inches. May. Dense, pretty foliage, and small yellow flowers in May. 20 cents each.

### YUCCA — Adam's Needle, or Spanish Bayonet.



Yucca.

Among hardy plants of ornamental foliage and flowers, these stand preëminent, being suited to any soil or situation, the sandier or dryer seemingly the better. The foliage is sword-like, dark-green, and of itself is useful for sub-tropical effects, but when surmounted in June by its monstrous-branched panicles of showy white, cup-shaped drooping flowers, the effect is startling and most effective. We know of no plant better suited for general use than this, as it is sure to live under almost any condition, and its handsome evergreen foliage is always attractive, to say nothing of its flowers, which are unquestionably the most effective of perhaps any plant suited to our hard winters.

As border plants they are most suitable, while for planting among shrubbery they also are desirable, while as lawn-plants either singly, in clumps, or groups, they produce most satisfactory results. One of the finest effects to be produced is shown on our grounds by a broad bed of these plants, following the contour of one of the drives, and surrounded to the rear by a lawn, and also a tall hedge of Arbor-Vitæ. The evergreen foliage is attractive winter or summer, but when its tall flower-spikes are in their full bloom in June, the effect is most noteworthy, and attracts great attention from all.

**Y. angustifolia.** 5 feet. May and June. Recurved foliage, flowers creamy-white, in spikes not as conspicuous or showy as the next. 25 cents each.

**Y. filamentosa.** 5 feet. June and July. Stiff, broad, sword-shaped foliage, about two feet high, surmounted by a tall branched spike, often five feet high, of large fragrant, drooping, cup-shaped, numerous flowers. 25 cents each; extra large size, 50 cents each; \$2 to \$4 per dozen.



## HARDY ORCHIDS.

The below-mentioned list includes the easiest-grown, showiest, and most satisfactory of the Hardy Orchids suited for general culture.

Besides these we can furnish all other native or foreign species at short notice.

The list includes such as are best for use in gardens, but all who desire the other forms for botanical collections should consult us for prices, etc.

Those marked with a \* are best suited to a damp situation, while the other kinds are best grown in a half shady situation, in a loamy or clay-loam soil, thoroughly mixed with peat and leaf-mold, with a mulch of pure leaf-mold on the surface.

**Aplectrum hyemale.** [Putty Root.] 1 foot. June. Showy spikes of greenish-brown flowers. 15 cents each; \$1.15 per dozen.

\* **Arethusa bulbosa.** [Arethusa.] 1½ foot. May. Showy rose-purple flowers, singly or in pairs. 25 cents each.

\* **Calopogon pulchellus.** [Grass Pink.] 1 foot. July. Showy broad, pink-purple flowers. 15 cents each.

\* **Calypso borealis.** 9 inches. May. Delicate Lady's-slipper-like variegated pink, purple, and yellow flowers. 15 cents each.

**Cyrtopodium acaule.** [Lady's-Slipper.] 1 foot. June. Showy veined pink and white flowers. 20 cents each.

**Cyrtopodium arietinum.** [Ram's Head L. S.] 10 inches. June. Dainty brownish, variegated flowers. 30 cents each.

**Cyrtopodium candidum.** 1 foot. June. Showy small, white flowers. 30 cents each; \$3 per dozen.

**Cyrtopodium parviflorum.** 8 inches. June. Bright-yellow flowers. 25 cents each.

**Cyrtopodium pubescens.** 12 inches. June. Showy bright-yellow flowers; one of the easiest grown. 25 cents each.

**Cyrtopodium spectabile.** [Showy Lady's-Slipper.] 1½ foot. July. Very showy white flowers, veined pink. One of the best. 50 cents each.

**Goodyera pubescens.** [Rattlesnake Plantain.] 15 inches. Handsome dark-green, mottled, and veined white foliage, and spikes of pure-white flowers. 15 cents each.

\* **Habenaria blephariglottis.** [White Fringed Orchis.] 1 foot. July. Spikes of white flowers. 20 cents each.

**Habenaria ciliaris.** [Yellow-fringed Orchis.] 2 feet. July. Beautiful bright orange-yellow flowers in dense spikes, very effective. 20 cents each.

\* **Habenaria dilatata.** [White flowered Orchis.] 2 feet. July. Pure-white flowers, in spikes. 20 cents each.

\* **Habenaria fimbriata.** [Great Fringed Orchis.] Large, showy spikes of light purple. 20 cents each.

**Habenaria orbiculata.** 2 feet. July. Loose racemes of greenish-white flowers. 20 cents each.

\* **Habenaria psycoides.** 2 feet. August. Showy lilac-purple flowers in spikes. 20 cents each.

**Liparis lilifolia.** [Purple Twablade.] 1 foot. June. Racemes of purplish flowers. 20 cents each.

**Orchis spectabilis.** [Showy Orchis.] 1 foot. May. Showy pink, purple, and white flowers, in spikes. 20 cents each.

\* **Pogonia ophioglossoides.** [Pogonia.] 9 inch. July. Handsome, fragrant, fringed, purple or pink flowers. 15 cents each.

**Spiranthes cernua.** [Lady's Tresses.] 9 inches. September. Pretty, dense spikes of pure-white, charmingly fragrant flowers. 15 cents each.

**Tipularia discolor.** [Crane-fly Orchis.] 18 inches. July. Pretty racemes of greenish flowers, tipped purple. 30 cents each.

## BOG AND AQUATIC PLANTS.

For naturalizing on the borders and margins of ponds and streams the following are especially desirable.

Other native species can be furnished, if desired.

The aquatic kinds, marked by a \*, are for planting in the bottom of ponds, etc.

**Acorus calamus.** [Sweet Flag.] 20 cents each; \$1 per dozen.

\* **Brasenia peltata.** [Water Shield.] 15 cents each; \$1 per dozen.

**Calla palustris.** [Water Arum.] 20 cents each; \$1 per dozen.

- Caltha palustris.** [Marsh Marigold.] 20 cents each; \$1 per dozen.  
**Drosera rotundifolia.** [Round-leaved Sundew.] 15 cents each; \$1 per dozen.  
**Elodes virginica.** [Marsh St. John's Wort.] 15 cents each; \$1 per dozen.  
**Juncus effusus.** [Common Rush.] 15 cents each; \$1 per dozen.  
\***Limnanthemum lacunosum.** [Floating Heart.] 15 cents each; \$1 per dozen.  
**Menyanthes trifoliata.** [Buckbean.] 15 cents each; \$1 per dozen.  
\***Nelumbium luteum.** [Sacred Bean.] 30 cents each; \$3 per dozen.  
\***Nuphar advena.** [Common Yellow Lily.] 30 cents each; \$2 per dozen.  
\***Nymphaea odorata.** [White Water-Lily.] 25 cents each; \$2 per dozen.  
\* " **tuberosa.** [Tuber-bearing Lily.] 25 cents each; \$2 per dozen.  
\***Orontium aquaticum.** [Golden Club.] 20 cents each; \$1.25 per dozen.  
\***Pontederia cordata.** [Pickerel Weed.] 30 cents each; \$2 per dozen.  
**Sagittaria variabilis.** [Arrowhead.] 15 cents each; \$1 per dozen.  
**Sarracenia Drummondii.** 25 cents each; \$2 per dozen.  
" **purpurea.** [Huntsman's Cap.] 20 cents each; \$1 per dozen.  
**Symplocarpus foetidus.** [Skunk Cabbage.] 30 cents each; \$2 per dozen.  
**Typha latifolia.** [Cat-tail.] 25 cents each; \$1.50 per dozen.  
**Vaccinium macrocarpon.** [American Cranberry.] 15 cents each; \$1 per dozen.

### HARDY FERNS.

Of these we can furnish, at reasonably short notice, all native or foreign species desired, and those desiring other species than here mentioned, should consult us, whether for botanical collections or for cultivating for ornament.

All ferns usually do better in partial shade than in the full sunlight, and all thrive best in a soil consisting principally of leaf-mold or peat.

For rockeries, and many other situations, ferns are most admirably adapted, and give most effective results. We would be pleased to give any desired information as to cultivation, etc., of any particular species on application.

† *Evergreen species.*

\* *Species adapted for open border culture.*

† *Species requiring a shady situation.*

|| *Species requiring moist, well-drained situations.*

§ *Species best planted between fissures of rocks*

- \*† **Adiantum pedatum.** [Maiden Hair.] 1 foot. 20 cents each; \$1.25 per dozen.  
|| **Asplenium Felix-fœmina.** [Lady Fern.] 2 to 3 feet. 20 cents each; \$1.25 per dozen.  
|| **Asplenium angustifolium.** [Narrow-leaved Spleenwort.] 2 to 3 feet. 25 cents each; \$1.75 per dozen.  
†§ **Asplenium ebenium.** [Ebony Fern.] 15 inches. 15 cents each; \$1 per dozen.  
\*† " **thelypteroides.** [Silvery Spleenwood.] 3 feet. 20 cents each; \$1.25 per dozen.  
†||§ **Asplenium Trichomanes.** [Common Spleenwood.] 6 inches. 20 cents each; \$1.25 per dozen.  
\*† **Aspidium acrostichoides.** [Christmas Fern.] 1 foot. 25 cents each; \$1.75 per dozen.  
†|| **Aspidium aculeatum var. Brauni.** [Prickly Shield Fern.] 2 feet. 30 cents each; \$2.50 per dozen.  
|| **Aspidium cristatum.** [Crested Shield Fern.] 1 to 2 feet. 20 cents each; \$1.25 per dozen.  
\* **Aspidium cristatum var. Clintonianum.** 4 feet. 25 cents each; \$1.75 per dozen.  
†|| " **Nova-borescensis.** [New York Fern.] 1 foot. 20 cents each; \$1.25 per dozen.  
\* **Aspidium marginale.** [Margined Shield Fern.] 1 to 2 feet. 20 cents each; \$1.25 per dozen.  
†|| **Aspidium spinulosum var. intermedium.** [Wood Fern.] 15 inches. 20 cents each; \$1.25 per dozen.  
|| **Aspidium Thelypteris.** [Marsh Fern.] 12 to 15 inches. 20 cents each; \$1.25 per dozen.  
\*† **Botrichium Virginicum.** [Moon-wort.] 20 cents each; \$1.25 per dozen.  
\* " **ternatum.** [Grape Fern.] 12 inches. 25 cents each; \$1.75 per dozen.

- †§ **Camptosorus rhizophyllus.** [Walking-Leaf.] 9 inches. 20 cents each; \$1.25 per dozen.
- \* **Cystopteris bulbifera.** [Bladder Fern.] 2 feet. 15 cents each; \$1 per dozen.
- §† “ **fragilis.** 4 to 8 inches. 15 cents each; \$1 per dozen.
- †|| **Dicksonia punctilobula.** [Gossamer Fern.] 2 to 3 feet. 20 cents each; \$1.25 per dozen.
- † **Lygodium palmatum.** [Climbing Fern.] 3 feet. 25 cents each; \$1.75 per dozen.
- || **Onclea sensibilis.** [Sensitive Fern.] 2 feet. 20 cents each; \$1.25 per dozen.
- \* “ **Struthiopteris.** [Ostrich Fern.] 3 feet. 35 cents each; \$2 per dozen.
- \* **Osmundia regalis.** [Royal Fern.] 3 feet. 30 cents each; \$1.75 per dozen.
- \* “ **Claytoniana.** 3 feet. 25 cents each; \$1.75 per dozen.
- \* “ **cinnamomea.** [Cinnamon Fern.] 5 feet. 30 cents each; \$1.75 per dozen.
- †|| **Phegopteris Dryopteris.** [Oak Fern.] 1 foot. 20 cents each; \$1.25 per dozen.
- † “ **hexagonoptera.** [Beech Fern.] 1 foot. 20 cents each; \$1.25 per dozen.
- ‡ **Polypodium vulgare.** 10 inches. 20 cents each; \$1.25 per dozen.
- \*§ **Woodsia ilvensis.** 6 inches. 25 cents each; \$1.50 per dozen.
- \*§ “ **obtusa.** 12 inches. 20 cents each; \$1.25 per dozen.
- || **Woodwardia angustifolia.** [Chain Fern.] 18 inches. 25 cents each; \$1.75 per dozen.
- †|| **Woodwardia virginica.** 3 feet. 25 cents each; \$1.75 per dozen.

### DWARF SHRUBS, for Rock-work or Borders.

Added beautiful and interesting effects of foliage and flowers can be easily obtained by the use of some of the smaller evergreen and deciduous shrubs in connection with hardy perennials, either in borders or other ways. The evergreen varieties are very useful for winter foliage effects, preventing any barrenness or lack of effect at this season, and a careful selection and placing of varieties will result most satisfactorily. Evergreen kinds are marked with a \*.

- \* **Andromeda calyculata.** [Leather-leaf.] 15 inches. A pretty oval-leaved, dark-foliaged evergreen, with showy white flowers in clusters in early June. 35 cents each; strong clumps, 75 cents each.
- \* **Andromeda Catesbyi.** 2 feet. A showy, broad, oval, glossy-leaved evergreen, with large bell-shaped white flowers in drooping clusters. Rare. \$1 each.
- \* **Andromeda floribunda.** [Lily-of-the-valley Tree.] 2 feet. April. Handsome oval, dark-green, dense foliage, surmounted by large, dense spikes of pure white bell-shaped flowers. The buds form in the fall, and open at the earliest approach of warm weather in the spring, giving an appearance of being in blossom throughout the winter. A most desirable plant for extended culture. Good plants, 75 cents each; strong clumps, \$1 to \$2 each.
- \* **Andromeda polyfolia.** [American Rosemary.] 1½ feet. June. A most desirable, ornamental evergreen, with linear glaucous green foliage, white beneath, and clusters of showy pink and white bell-shaped flowers in profusion, and giving a most beautiful effect. One of the rarest and handsomest of this effective class. 50 cents each; clumps, \$1 each.
- \* **Arctostaphylos uva-ursi.** [Bear-berry.] A most valuable prostrate creeper, with dark, narrow, glossy, dark-green foliage, purple in winter, and showy, dark crimson berries, preceded by bell-shaped white or pink flowers. These berries appear in August, and thickly stud the plant; remaining on the branches until the following spring, giving a most charming effect. This plant is of great value for a cover for barren spots, or to use on rock-work, where its festoons of dark, evergreen foliage, studded with beads of crimson, are most effective. Established plants, 75 cents each.
- \* **Azalea Amœna.** [Lovely Azalea.] 3 feet. A magnificent evergreen azalea, with dark, oval, glossy foliage, and at its time of flowering completely enveloped by its large, showy, deep pink flowers. Plant in a protected situation. Price, 50 cents to \$2, according to size.
- Azalea mollis.** [Ghent Azaleas.] 3 feet. June. A splendid collection, in great variety of colors. Named varieties in best kinds, \$1 to \$3 each.
- Unnamed seedlings, of great effect, 75 cents to \$1.50 each.
- \* **Azalea nudiflora.** [Pinxter Flower.] 2 feet. June. Charming, fragrant pink flowers in large clusters. A beautiful and rare native. 50 cents to \$1 each.
- \* **Azalea viscosa.** [Swamp Honeysuckle.] Fragrant, pure white flowers. 35 cents to 75 cents each.
- \* **Berberis aquifolia, or Mahonia aquifolia.** 2 feet. July. Elegant holly-like, evergreen; bronze-green foliage, yellow flowers in clusters, and orange fruit. A fine rock plant; 35 cents.

**Berberis Thunbergii.** 3 feet. June. An elegant shrub of dense globular habit of growth, with small oval, dark shining-green foliage, yellow flowers, and crimson, pendulous ornamental fruit, which clings to the branches until spring, giving a very pretty effect. Price, 50 cents each.

**Calycanthus floridus.** [Spice Bush.] 3 feet. All summer. Charmingly fragrant, chocolate-colored flowers. The odor of the whole plant, as well as that of the flowers, reminds one strongly of that of the pineapple. 35 cents each; strong plants, 50 and 75 cents each.

\* **Calluna vulgaris.** [Heather.] 18 inches. April. A charming, fine-foliaged, evergreen shrub, with beautiful heath-like flowers. Hardy and very effective. 35 cents each. Large established clumps, 75 cents each.

*Besides the type we have several interesting varieties, which are very effective.* Price, 50 cents each.

**Clethra alnifolio.** [Sweet Pepper Bush.] 3 feet. July. Handsome dark-green oval foliage, a compact, upright habit of growth, and a profusion of dense, terminal spikes of deliciously fragrant white flowers with yellow stamens. A most effective ornamental shrub. Price, 35 cents each. Strong plants, 50 cents to \$1 each.

**Corchorus Japonica.** [Japan Globe Flower.] 3 feet. July. Pretty foliage, and flowers of golden yellow. 35 cents each.

**Corchorus Japonica vgt.** [Variegated J. G. F.] A handsome variegated shrub of fine effect. This and the type are not perfectly hardy, and are best suited to a sheltered spot. 35 cents each.

**Cotoneaster nummularia.** [China Barberry.] 1½ feet. June. A pretty dwarf, almost evergreen shrub. Fine oval, dark, glossy-green foliage, and red or scarlet fruits in summer and autumn. 50 cents each.

\* **Cotoneaster microphylla.** 18 inches. A fine rock plant, very small, dark, glossy-green foliage, scarlet fruits in autumn. A fine plant. 50 cents each.

**Cotoneaster Simondsii.** 3 feet. A fine deciduous species, with larger foliage than the others. 50 cents each.

**Cydonia Japonica.** [Japan Quinces.] 5 feet. Where space allows, these are of great value, the spring flowers being very effective. Several effective varieties. 35 cents each.

\* **Daphne cneorum.** [Garland Flower.] 1 foot. A handsome evergreen, trailing rock or border plant, with beautiful fragrant pink flowers in dense clusters, completely studding the bush in early spring, and again in early autumn. For borders or rock-work invaluable. Price, 50 cents each.

**Daphne mezereon.** [Dwarf Bay.] 4 feet. March. Pretty pink flowers before the appearance of the leaves, and followed by handsome scarlet fruits, showing conspicuously through the dense foliage. 50 cents each.

**Daphne mezereon var. alba.** [White Bay.] Pure white flowers and orange fruits.

**Desmodium penduliflorum.** See body of catalogue. 50 cents each.

**Deutzia gracilis.** [Snow-flower.] 2 feet. June. A pretty dwarf, dense habit of growth, good foliage, and pure white flowers in showy clusters. 35 cents each.

**Dirca palustris.** [Leather-wood.] 3 feet. April. A dense, globular habit of growth, good foliage, and pretty, clear-yellow, fragrant flowers, in early spring. Rare and effective. 75 cents each.

\* **Erica.** [Heaths.] Of hardy Heaths we have a good collection of species and varieties, many of which we find to be hardy. For rock-work or the front of borders these are effective. Their pretty foliage and showy flowers are peculiar and most interesting. 50 cents each.

**Genista tinctoria.** [Wood Waxen.] See body of catalogue. 25 cents each.

**Ilex verticillata.** [Black Alder.] Beautiful scarlet berries in winter. Very showy. 35 cents each.

\* **Juniperus prostrata.** [Creeping Juniper.] A fine creeper, with dense evergreen foliage, and spreading over considerable area of surface, forming a thick mat. Fine for ledges or use on lawns, or in other situations. 25 cents to \$1 each.

\* **Juniperus prostrata var. aurea.** [Golden Creeping Juniper.] A clear golden-foliaged form of brilliant and lasting color. Rare. 75 cents to \$1.50 each.

\* **Juniperus sinensis var. aurea.** [Golden Chinese Juniper.] 3 feet. A fine, lasting, golden-colored, upright-growing Juniper of dense columnar habit of growth. One of the showiest of Golden Evergreens, and very lasting in color. New and very rare. \$1.50 each.

\* **Juniperus chinensis var. foemina vgt.** [Variegated Chinese Juniper.] 3 feet. Of same habit of growth as last, but with the tips of the branches clear silver, which give a charming effect against the otherwise dark-green foliage. New and rare. Price, \$1.50 each.

\* **Juniperus suecica.** [Swedish Juniper.] 4 feet. Clean, dense, columnar habit of growth, and silvery-green foliage. Similar style of growth as the Irish Juniper, but lighter-green foliage, and perfectly hardy. Price, 50 cents to \$1 each.



**Kalmia angustifolia.** [Lamb Kill.] 35 to 75 cents each.

\* **Kalmia latifolia.** [Calico Bush, or Mountain Laurel.] 3 feet. July. This handsome evergreen is the most desirable addition to any garden. It will not grow in a lime soil. Flowers of a beautiful form and color, and in great profusion. 50 cents to \$2 each.

\* **Ledum latifolium.** [Labrador tea.] 18 inches. May. Rare and fine for moist, shady situations on the rockery or in the front portion of the flower border. 35 cents each.

\* **Retinospora ericoides.** [Heath-leaved Japan Cypress.] 1½ feet. An elegant little dwarf evergreen of globular habit of growth, with very soft and fine light-green foliage turning to bronzy red in autumn and winter. Fine for foliage effects in borders. 50 cents each.

\* **Retinospora obtusa var. nana.** [Dwarf Japan Cypress.] 3 feet. A beautiful foliaged dwarf evergreen, dark, glossy-green, dense foliage in peculiar crescent-shaped branches and branchlets. Rare. 75 cents to \$1.50 each.

**Rhodora canadensis.** 2 feet. May. Beautiful pink flowers in clusters. A dense-growing, upright bush. 35 cents to \$1 each.

**Rosa polyantha.** [Polyantha Roses.] 2 feet. All summer. A splendid class of easily-cultivated dwarf roses for the front of borders, completely enveloped in its bloom at intervals throughout the summer. The flowers are small, but perfectly double and in dense clusters, and very effective. We can offer the following varieties:—

**Perle d'Or.** Nankeen yellow with orange centre. Fine. Very dwarf, in clusters of ten or twenty flowers. 50 cents each.

**Paquerette.** Pure white, 1 inch in diameter, in panicles of five to forty blooms. Dwarf, and very effective. 50 cents each.

**Mignonette.** Delicate rose, changing to blush. 50 cents each.

**Spiræa Thunbergii.** 3 feet. May. A dwarf, compact, pendulous shrub, with minute flowers to completely envelop the branches in spring. 35 cents each.

**Taxus canadensis.** [American Yew.] A perfectly hardy Yew of slowly spreading habit of growth, with elegant dark-green foliage. Fine for the moist bases of ledges. A handsome plant for all shady, moist nooks. 35 cents to \$1 each.

\* **Thuja occidentalis var. Little Gem.** [Little Gem Arbor Vitæ.] A rare form of the Arbor Vitæ, of most peculiar habit of growth, forming a moss-like spreading tuft or carpet of foliage not exceeding 6 inches in height. Very rare and choice. \$1 each.

\* **Thuja occidentalis var. Woodwardii.** [Woodward Arbor Vitæ.] A dense, globular-formed Arbor Vitæ, which requires no pruning to retain its shape. Perfectly hardy and adapted to a variety of soils. A fine plant for use in borders where its effect may be desirable, or for forming low hedges not to exceed 2½ feet in height. As a division line between lawns it is most effective. Also splendidly adapted for the back of borders where only low-growing perennials are used, giving a good background. 35 cents to \$1 each. \$3 to \$9 per dozen. Prices for quantities on application.

**Viburnum opulis nana.** [Dwarf Snow-ball.] 12 to 18 inches. A perfectly dwarf shrub of dark-green, healthy foliage, and very effective for borders or as a dense edging plant. Rare and desirable. 75 cents each.

For full descriptions of the above and numerous other hardy shrubs of taller growth see DESCRIPTIVE CATALOGUE OF TREES AND SHRUBS.



## SELECTIONS OF HARDY PERENNIALS.

For those who have not a thorough knowledge of these plants it is to their advantage to leave the selections to us, as we are better prepared to meet their desires to their best satisfaction. We solicit correspondence from those who desire to produce such effects, and we will give such special named collections and prices. The following selections are composed of nothing but first-class varieties, and all plants included will be in good, vigorous condition, true to name, and we believe sure to give satisfaction. The following we believe will be of use to many in ordering at once. All the below-mentioned are entirely of our own selection.

### DWARF PERENNIALS FOR THE MIXED BORDER.

Not growing higher than 15 inches, and adapted to a common good soil in sunny or shady borders and for the front row.

12 good varieties . . . . .	\$1.50
12 select varieties . . . . .	2.00
12 very select kinds . . . . .	2.50
25 varieties . . . . .	4.00
25 select varieties . . . . .	5.00
50 varieties . . . . .	7.50
50 select varieties . . . . .	12.00
100 varieties . . . . .	12.50
100 select varieties . . . . .	20.00

### MEDIUM-SIZED PERENNIALS OF MIXED BORDER.

Varying from 18 inches to 2½ feet in height, for sunny or shady situations, and affording bloom throughout the spring, summer, and autumn seasons.

12 varieties . . . . .	\$1.00
12 select varieties . . . . .	2.00
12 very select varieties . . . . .	2.00
25 varieties . . . . .	3.00
25 select varieties . . . . .	4.00
50 varieties . . . . .	6.00
100 varieties . . . . .	12.00

### TALL-GROWING PERENNIALS.

For the back of borders, or for planting among shrubberies, varying in height from 3 to 10 feet, and adapted to a variety of soils and exposures.

12 varieties for . . . . .	\$1.50
12 select varieties for . . . . .	2.00
25 varieties for . . . . .	4.50
50 in 25 varieties . . . . .	7.50
100 in 40 varieties . . . . .	12.50

### SPRING-BLOOMING PERENNIALS.

A selection of such as bloom in early spring, especially desirable for those who are absent from their residences during the summer.

12 varieties . . . . .	\$2.00
25 varieties . . . . .	4.00
50 in 20 varieties . . . . .	7.50
100 in 30 varieties . . . . .	13.00

**AUTUMN-BLOOMING PERENNIALS.**

Such as bloom from September first until frost, and including many very showy kinds.

12 varieties . . . . .	\$1.75
12 select varieties . . . . .	2.50
25 varieties . . . . .	4.00
50 in 25 varieties . . . . .	7.50
100 in 50 varieties . . . . .	14.00

**SUMMER-BLOOMING PERENNIALS.**

Such as are especially desirable for such as have summer residences, and who cannot enjoy the spring and autumn flowers on account of absence.

12 varieties . . . . .	\$1.50
12 select varieties . . . . .	2.00
25 varieties . . . . .	4.50
50 varieties . . . . .	8.00
100 in 50 varieties . . . . .	14.00

**PERENNIALS FOR ROCK-WORK.**

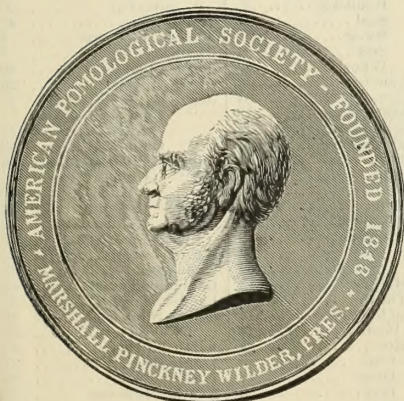
Such as are adapted to growing on ledges and rockeries, and giving a great variety of flower and foliage.

12 varieties . . . . .	\$1.50
12 select varieties . . . . .	2.00
25 varieties . . . . .	4.00
50 varieties . . . . .	7.50
100 in 50 varieties . . . . .	14.00

**GENERAL COLLECTION.**

Including hardy perennials in great variety of season of flowering, colors of flowers, etc., but all adapted to a common border.

50 varieties . . . . .	\$6.50
100 varieties . . . . .	9.00
100 select varieties . . . . .	12.00
100 very select varieties . . . . .	15.00





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