Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.
Always Something New and Interesting

THAT is the aim of our Perennial Plant Service to Florists, Landscape Architects, Retail Stores and Nurseriesmen. We are proud of the wonderful growth our list has made with this issue—proud to offer a service that has grown with the demands that our friends have placed upon us. The new additions to our list are in every instance chosen to meet a real need in some important field. Many interesting specimens have been introduced for the Rock Garden as well as for outdoor cutting and garden plants.

We constantly experiment with new plants — testing them out in the field and greenhouse. We are always on the lookout for new features and through the kindness of our friends have been able to profit by their experience with our plants.

We are convinced that the direct cause of many failures in growing plants has been the disregard of the natural tendencies and requirements of the plants being used. Some plants thrive in dry sandy soils, some in moist sandy loam, some in rocky situations, while others want very rich damp soil. To disregard their preferences and natural habitats is to fail miserably in their cultivation. We are confident that the plants we supply will in every instance give satisfactory results if care and good judgment are used in their planting and cultivation.

We emphasize the quality of our plants rather than the prices at which we sell them. We believe that you can get enough better results with thrifty plants well matured, cured and well packed for shipping to warrant the prices we charge.

I appreciate the business that has been entrusted to me during the past. Most of our first customers are still buying from us. It is due to their interest in us and their increasing demands upon us along with the requirements of our new customers added from time to time that has forced us to increase our acreage—made us increase our storage and shipping space, and grow in many other ways. The growth, however, reverts to your interest and that of future buyers because we are better able to serve promptly and well those who buy from us now than we have been at any time in the past.

On the basis of satisfactory service we respectfully solicit your orders and continued confidence.

Joseph F. Martin
Flowering Perennials and Biennials Under Glass

As a Florist Grower, you will never have too large an assortment of flowers to offer to your customers. Usually it's the other way. The greater the variety you carry, the more of your customers you will be able to please, and that in particular holds true during the Spring, after roses and carnations have formed the main attraction for months in the display cooler.

Practically every Perennial and Biennial flowering outdoors during the months of May, June or early July may be flowered under glass with a night temperature of about 45 degrees and, as the plants begin to set buds, increased to 50 degrees, can be had in flower according to the different varieties from three to four weeks earlier than is possible outdoors. Again here, quite a number of these do not have to be thrown away after flowering, but can be planted outdoors. Not that this is to be recommended, as the best way to do, but it can be done.

Perhaps no other variety of so called hardy stock is better known to the average Florist for flowering under glass than Campanula media or the Canterbury Bell which has been flowered under glass by our grandfathers and is as popular, if not more so, to-day than it ever has been. But you can do the same thing with Digitalis or Foxglove. These will, if planted on a ground bed, develop magnificent spikes, four and more feet in height, with more perfect individual flowers than is possible to obtain outdoors, and attracting much attention in your store. Delphiniums are being gently forced to greater extent with each season by progressive Florists. These, too, will give you grand flower spikes, but don't make the mistake in planting the field clumps into heavily manured soil or use too large or too old clumps. Daisies adapt themselves splendidly for indoor flowering. They can be benched directly into a Carnation house temperature by the end of February quite closely and in a few weeks will be a mass of bloom and in particular is this the case, having use for this type of flower, which by the several plantings, so as to obtain a succession of bloom. Phlox subulata rosea, or Creeping Phlox, will make stunning pans, a mass of rosy pink blossoms covering the entire pan. Plant three or more plants according to size into an 8 inch pan.

Most Florists are well acquainted with the value of Astilbes, Bleeding Hearts and the varieties of Funkia when gently forced in pots. What Easter. Miss Lingard Phlox can easily be flowered drop nearly as quickly as is the case outdoors. Practically all of the German Iris, both tall and short can be had in bloom during April. A good way to do is to plant out a good number of ordinary divisions into the field. Let them remain there for two seasons and then bring the clumps in for forcing. Plant them close together, and after flowering, the old plants can again be planted into the field, after having been divided. Some of the splendid flowers for greenhouse forcing are Coreopsis, Columbines, Dianthus barbatus, of which Newport pink is especially to be recommended.

(Continued at bottom of Next Page)
PRICE LIST . . .

We grow everything we sell .
That's your guarantee and your protection. . . .

ACHILLEA
Milfoil or Yarrow

ACHILLEAS are of easy culture and grow in any good
garden soil, preferring sunny locations. They are
useful for the border, wild garden or shrubbery. For cut¬
ting there are many outstanding flowers among the
Achilleas for summer floral pieces.

<table>
<thead>
<tr>
<th>Item</th>
<th>Per</th>
<th>Per</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARGENTEAEM. A pretty alpine of compact habit. Yellow sweet scented. Blooms in June. Suitable for low borders or rock gardens.</td>
<td>1.00</td>
<td>7.00</td>
</tr>
<tr>
<td>BOULE DE NEIGE. (Ball of Snow) An improvement on the Pearl. Wonderful for cut flowers or garden. Blooms in June. A good filler, grows 12-15&quot; high, double white flowers in umbels.</td>
<td>1.00</td>
<td>7.00</td>
</tr>
<tr>
<td>FILIPENDULINA. This fine plant from the shores of the Caspian Sea grows 2 to 3 feet high, flowers bright yellow, in flat heads, and with lace-like foliage. June to September. Nice to plant among shrubbery, evergreens, or for back border, also a good flower for basket work.</td>
<td>1.00</td>
<td>7.00</td>
</tr>
<tr>
<td>KELWAYI. Carmine Red, flowers shaped like Mille¬foillium Roseum.</td>
<td>1.00</td>
<td>7.00</td>
</tr>
</tbody>
</table>

Mr. Bahr's Letter Continued

Pyrethrum Roseum hybridum does well under glass and so we might go on as stated above with almost anything which flowers out doors during late Spring or early Summer. It is up to the Florist to find out for himself what he can dispose of best and plant accordingly, always on the look out for something new and out of the ordinary, nor be satisfied if the first attempts made, are not fully successful.

Every Florist has among his Customers such who would rather have a bunch of Columbines during late April or early May, cut from indoors in preference to Roses, Carnations or almost anything else you have had for sale during the past six months, not only that, but a good price is usually obtained for such flowers. Truly, variety is the spice of life. And so, let Perennials furnish additional pep to your business.

Our list represents only field-grown hardy plants of worthy varieties. Each one will grow and give you good results if given proper growing conditions. We suggest that you observe the natural traits of each plant in choosing its location in your planting.

FRITZ BAHR.
ACHILLEAS (Cont'd)

**MILLEFOIUM ROSEUM**. (Rosy Milefoil) Finely cut deep green foliage, pink flowers in dense heads and found all summer. Suitable for general use. 12 inches.

**MONT BLANC**. A variety in every manner and form the same as The Pearl but size of bloom larger. Better and stronger stems. Darker green foliage. 1.00 7.00

**PERRY’S WHITE**. 1 to 2 feet, June to August. A choice variety. Nothing better for cutting. An excellent filler. The whitest of all Achilleas, and an outstanding favorite with florists for summer flowers.

**THE PEARL**. Pure white flowers born in the greatest profusion the entire summer on strong erect stems, 2 feet high. As a summer cut flower it is of great value. An excellent variety for use in sprays.

**TOMENTOSA**. A very charming yellow flowered plant, blooming in June. It will do in the rockery or in any part of the border. While it grows naturally on dry rocky soil, it has done finely on lower and more moist levels. Six to eight inches.

A CONIFERES form bush clumps, and are invaluable for planting under trees or in shady or semi-shady positions. They adapt themselves, however, to bright sunny locations. The flowers vary somewhat in height and color, but the hood shaped blooms arranged in spikes are very attractive.

**ACONITUM**

Monkshood or Helmet Flower

**BICOLOR**. A very pretty white and blue Aconitum. Hardy and very attractive. Recommended. 6 or 7 feet in good year.

**AUTUMNAL**. A very striking form on account of its dark navy blue flowers. 4 to 5 feet. A fine basket flower.

**FISCHERI**. A dwarf variety growing 30 inches high, with very large pale blue flowers in September and October. Decorative foliage even when not in flower. A very attractive plant in Perennial garden.

FIFTEEN, twenty, twenty-five dollars — what can you sell this basket for to one of your regular customers? Of course the matter of salesmanship is important, but really these hardy flowers give a touch of beauty that is different. They cost so little to raise in your own outdoor planting for summer, and your income from them is just as great as from greenhouse cuts and fillers.

Why not start your own planting next Spring? Tell us something about your soil, the size of your business as well as the size of your plot of ground. We will be glad to suggest a planting list that will furnish blooms all summer.

Regal Lilies, Delphiniums and Gypsophila are the flowers in this basket.
Use Hardy Flowers for Summer Cutting

ACONITUM (Cont'd)

Per Per
10 100

UNCENATUM. A climbing variety well branched. Light blue flowers in July. 6-7 feet.
1.00 7.00

SPARK'S VARIETY. July and August flowering. Tall branched spikes covered with deep blue, Monkshood flowers. 6 to 7 feet.
1.50 10.00

WILSONI. The true variety which we are here-with offering is the late Autumn flowering kind, producing 6 to 7 tall spikes covered with beauti-

VOLUBLE. A very tall slender growing, semi-climbing variety, with dark blue flowers, July.
1.00 7.00

ACORUS
Sweet Flag

CALAFUS. Desirable for waterside plantings.
1.00 7.00

AETHIONEMA

PERSICUM. Strong twiggy bushes, covered with long slender spikes of rosy pink flowers. One of our best rock plants. Fine ground cover.
1.50 10.00

AGROSTEMMA

Rose Champion

CORONIA ATROANGUEVA. Deep blood Red Rose Champion Stout erect growing, silvery foliage, which contrasts well with the pretty flowers, which come during June and July.
1.00 7.00

WALKERIL. Brilliant Rose Crimson, excellent for cutting. 2 1/2 to 3 feet. June and July.
1.00 7.00

FLOS JOVIS. Carmine Rose.
1.00 7.00

AJUGA

REPTANS RUBRA. Grows 3 to 4 inches high, with deep purplish blue flowers.
1.50 10.00

ALEYSSUM
Rock Madwort

VOLUBLE. A climbing variety well branched. Light blue flowers in July. 6-7 feet.
1.00 7.00

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1.50 10.00

ALEYSSUM
Rock Madwort

V

ERY popular early flowering Perennials of easiest culture, and all very free flowering. They all like a well drained soil and sunny position. Useful in the border as well as in the dry wall or rock garden.

PER
10 100

ARGEMENTUM. Dense growth. Leaves silvery be-

ROSTRATUS. Prostrate almost shrubby variety, pale yellow in clustered heads, all summer. About 15 inches.
1.00 7.00

ROSTRATUS. Prostrate almost shrubby variety, pale yellow in clustered heads, all summer. About 15 inches.
1.00 7.00

SAXATILE COMPACTUM. Dwarf Golden Tuft, Basket of Gold. More compact than the preceding and earlier. One of the showiest of Spring flowers. Height 9 to 12 inches. April and May.
1.00 7.00

CITRINUM. Similar to Saxatile, but flowers are pale Citron Yellow.
1.00 7.00

SERPYLLIFOLIUM. Very dwarf 4 to 5 inches high, with racemes of pale yellow flowers, and rough hoary leaves. Charming for the rock garden.
1.50 10.00

OLD customs are harder to kill out than weeds. The custom of planting everything in the spring is not the only way and in many cases is not the best way to get results from perennial plants. Fall planted perennials with a little winter protection are acclimated by spring and ready to give their best results.
AQUILEGIA OR COLUMBINE

The Columbine is one of the most beautiful of all hardy plants and make themselves at home in any hardy border. Their period of flowering covers the late spring and early summer months. Taken as a whole, they are the most important part of the hardy garden and should be grown in quantity by every lover of old-fashioned garden flowers. The following varieties are all suitable for cutting and are attractive when used with other flowers.

Per Per

ALPINA. Grows about a foot high, having dark blue flowers. 1.00 7.00

ALPINA SUPERBA. Deep blue and white. Both these Alpine varieties are very hardy and strong, and will stand up under conditions that would kill the long spurred sorts. 1.50 10.00

BEES HYBRIDS. Beautiful mixture of colors, large flowers. 1.50 10.00

CANADENSIS. (American Wild Columbine; Honeysuckle) It flowers early, next after the oxysepala, and few of our wild flowers are better suited to the rock garden than this. Flowers an inch or more long, red and yellow are borne in abundance. Very graceful and attractive plant. It seems to do well in any garden soil both in sun and shade. Eighteen to twenty-four inches. 1.00 7.00

CHRYSANtha. (Golden Columbine) Very slender, dainty, long-spurred Columbine of a golden yellow color, blooming later than the long-spurred hybrids. Late June and July, and attains a height of 2 1/2 to 3 feet. While we do not guarantee the color, a large percentage comes true to form. 1.00 7.00

DOBBIE'S IMPERIAL HYBRIDS. A very fine assortment by a European hybridizer which will be sure to charm you by its beauty. 1.50 10.00

GLANDULOSA MAJOR. Black-violet with white corolla, 36 inches. 1.00 7.00

JAESCHKANI. Yellow and red types. 1.00 7.00

MARTIN'S SUPERB PINK. This strain of Pink Aquilegia without a doubt, is the finest pink strain in cultivation. The plants grow to a uniform height. The flowers are of the most delicate shades of pink mostly of the silvery tints. Ten years ago we purchased in this country what was known as the best pink Aquilegia. Growing this strain all these years we have continually worked with it. By rogueing out what in our opinion was not up to our ideal of excellence, we feel that at this time we have this strain developed to a very high standard. We have every reason to believe it will be one of the most admired plants in your planting. 1.50 10.00

Lupine Polyphyllus Forces Well For Spring Sales
AQUILEGIA (Cont’d)

MRS. SCOTT ELLIOTT HYBRIDS. There is not a better mixture grown in the world. Wonderful colors with very long-spurred flowers. Our stock is from seed from this choice breeder, absolutely true strain...

IVIVEA GRANDII’S LORA. Large, pure white.

IVIVEA GRANDII’S LORA. Large, pure white.

LONG-SPURRED HYBRIDS. We offer an unusually choice strain of these lovely hybrids, ranging in color tones from creamy white and yellow to bronze-red and blue shades. No two plants resemble each other in color, and the combination of shades found in this selection defies description.

ARTEMESIA

LACTIFLORA. An excellent hardy border plant, producing large, branching panicles of sweetly-scented, creamy white flowers; excellent for cutting. Three to four feet. August-September. A perennial you should have on hand for bouquets.

SILVER RING. Unquestionably one of the best all-around decorative plants. Its bright silver-colored stems and foliage are of great value as a filler for bouquets, sprays, baskets, or all sorts of floral combinations. By cutting and drying the stems it is very valuable in the winter for filler. Florists in our districts paid high prices for their supplies last winter. It is a showy plant in the perennial border or among shrubbery. Height 30 inches. We supply large field grown clumps and established pot plants. When used in basket work with colored roses the effect is a feast for the eyes.

PURSHIANA. Stems and leaves white-wooly, very decorative. Flowers white.

STELLERIANA (Old Woman.) Deeply-cut silvery white foliage; much used in carpet bedding, 18 inches.

ASCLEPIAS

BUTTERFLY WEED

PURPUREA. A native plant with showy purple flowers in August and September. Suitable for moist places. Height 30 inches.

TUBEROSA. Very showy native plants, about 2 1-2 feet high, producing flowers of brilliant orange-scarlet during July and August. Nice for cutting.

ROSE QUEEN. Deep pink.

ARABIS

WHITE ROCKCRESS

ALPINA. 6 to 8 in. Pure white flowers, densely cover this plant in April and May. Wherever you see a Rock Garden, you will always find this perennial.


ALPINUS NANA COMPACTA. Dwarf, very pretty, white.

ARENARIA

GRANDIFLORA. Large pure white flowers in Spring, beautiful rock plant.

MONTANA. Sandwort. Very desirable evergreen trailing plant, forming a dense carpet of foliage and covered with large white flowers in spring. Excellent for the rockery.

VERNA. A prostrate growing plant creeping over the ground. Fine plant for the rock garden and between stones.

VERNA CAESPITOSA. Like green moss, will grow between stepping stones. Excellent for rock garden, covered with little white flowers in early spring.

Don't Overlook Peonies For Your Fall Planting List
Late Summer Blooming Asters

<table>
<thead>
<tr>
<th>Name</th>
<th>Height</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANITA BALLARD</td>
<td></td>
<td>Double flowers of a clear petunia violet.</td>
</tr>
<tr>
<td>BEAUTY OF COLYVALL</td>
<td></td>
<td>Double lavender blue flowers, very freely produced on stout erect stems, about 5 feet high.</td>
</tr>
<tr>
<td>ALLIESROTHE</td>
<td>2 1/2 ft.</td>
<td>Very effective rosy red flowers.</td>
</tr>
<tr>
<td>DELICATE</td>
<td></td>
<td>The delicate lilac rose.</td>
</tr>
<tr>
<td>EMILE THOERY</td>
<td></td>
<td>Light ageratum blue.</td>
</tr>
<tr>
<td>HIGHLAND MORN</td>
<td>New 2 1/2 ft. tall</td>
<td>Delicate light blue flowers.</td>
</tr>
<tr>
<td>KING OF THE BELGIANS</td>
<td>Light lobelia blue, 3 feet.</td>
<td></td>
</tr>
<tr>
<td>MAID OF ATHENS</td>
<td>Large single bright pink, 2 inches across.</td>
<td></td>
</tr>
<tr>
<td>MAGGIE PERRY</td>
<td></td>
<td>Very large flowers, frequently 2 1/2 inches across, loosely arranged in large trusses, or a pleasing tone of soft mauve. Most distinct and striking novelty.</td>
</tr>
<tr>
<td>MOYS</td>
<td></td>
<td>Distinct reddish violet; a very showy type of refined character, useful in autumn hampers, and in general bouquets.</td>
</tr>
<tr>
<td>NOVAE ANGELIAE</td>
<td>Bright purple violet, 4 feet.</td>
<td></td>
</tr>
<tr>
<td>NOVAE-ANGELIAE ROSEA</td>
<td></td>
<td>Deep reddish violet.</td>
</tr>
<tr>
<td>NOVI HELGI TYPE</td>
<td>Rosy red, neat compact bushes. One of the finest asters in this color.</td>
<td></td>
</tr>
<tr>
<td>PERRY'S BLUE</td>
<td></td>
<td>A fine blue of medium height.</td>
</tr>
<tr>
<td>QUEEN MARY</td>
<td>4 ft.</td>
<td>Flowers are dark sky-blue and frilled. Plant is of the climax type, but with more lateral branches. It is one of the best of the Novi Helgi type yet introduced. A splendid variety for cutting.</td>
</tr>
</tbody>
</table>

We emphasize the quality of our plants rather than the prices at which we sell them. We believe that you get enough better results from thrifty plants to warrant the prices we charge.
THROUGH the kindness of one of our customers and warm personal friends we are able to show in the picture below, a view of his greenhouse with Astilbes he bought from us in full bloom. This picture tells more than mere words can do about Astilbes for forcing.

We sell about 50,000 two-year clumps each year to the trade, grown to a size in which the plant is at its best for any purpose. Our soil, a cool black muck with plenty of moisture is particularly adapted for their development to produce good strong forcing eyes. They grow rapidly and the rich deep green of their foliage is a criterion of their sturdy health and strength.

Although our plantings have increased somewhat from year to year, we are not able to grow Astilbes fast enough the last two years to supply the demand. We would suggest, therefore, that you place your order now for shipment at the proper time for forcing.

**AMERICA.** An early lilac pink Astilbe that blooms profusely. Its delicate color and the size of its flower trusses make it an outstanding forcing plant for Spring sales. As a garden flower it is a great favorite. Planted in rich moist soil this plant will draw the eyes of everyone while it blooms and it has attractive foliage the year round. America blooms about two weeks earlier than the average Astilbe.


**ARENDSEI, PINK PEARL.** Dense panicles of small pearl-like flowers; delicate light pink.

**ARENDSEI VENUS.** Bright deep violet rose.

**Astilbes in the greenhouses of Hewett P. Mulford and Co., Lebanon, Ohio. They made good money on their Astilbes last spring and were so proud of this splendid showing they sent us this picture.**
ASTILBES (Cont'd)

ASTILBES (Cont'd)

Per Per
10 100

BETSY CUPERUS. Splendid new variety growing 5 feet high. The fine drooping flower spikes, 2 feet long, show in Summer during some weeks a great number of white flowers with pink center. $3.00 25.00

CERES. Growing 2 1-2 to 3 feet high, with spikes of a rosy lilac color; fine garden variety. $2.00 25.00

CHINENSIS. Large heads of silvery pink flowers. Garden variety. $2.50 20.00

DEUTSCHLAND. Snow-white, beautiful trusses. A fine forcer. $4.00 30.00

GLADSTONE. A fine variety. Immense trusses of flowers are white as snow, borne on erect, strong stocks; best white for forcing. $4.00 30.00

GLORIA. The latest of all forcing Astilbes—a little taller and a little more prolific than the average. Its deep rose-pink flowers make a grand showing in any arrangement. As a garden flower they punctuate any planting remarkably, and for summer cut flowers they make up well with pink or white hardy carnations, Achilleax Perry’s White or Gypsophillia for sprays or baskets. $4.00 30.00

GRANAT. Deep carmine red. $4.00 30.00

GRANDIS ROSEA MAGNIFICA. The drooping spikes of flowers have a length of over 2 feet and are a beautiful creamy white, with pink centers. 5 to 6 feet. Fine variety for the garden. $3.00 25.00

GRUNO. This new Astilbe grows 4 feet high and produces light and graceful spikes and spreading habit and has a splendid salmon-pink color. Award of Merit R. H. S. of Holland. $4.00 30.00

JUNO. A hybrid form with splendid long rose pink panicles of flowers. $3.50 30.00

KRIEMHILDE. A new variety with feathered spikes of salmon-pink flowers. Nice for cutting and very attractive in the garden. $3.00 25.00

MARGUERITE VAN HOCKEN. This plant grows about 5 feet high. The flower stem itself has a length of over 3 feet. The very fine fringed flowers are bright red tinged with dark lilac. $3.00 25.00

META IMMINIT. Splendid new cross having dense flower spikes of a delightful pink color. Very recommendable. Award of Merit R. H. S. of Holland. $3.00 25.00

PALMATA ELEGANS. 3 feet. June to August. Graceful plumes of lovely light pink flowers. Fine for water-side planting. $2.00 15.00

PEACH BLOSSOM. A beautiful peach blossom pink. Plant is very compact and thrifty and usually produces from four to seven large flower trusses. Blooms two weeks earlier than the mid-season varieties. An excellent forcing variety for pre-Easter sales. Plants usually require 7 or 8 inch pots. $3.00 25.00

PRINCESS MARY. Pink, good forcer. $3.00 25.00

QUEEN ALEXANDRA. Flowers a bright pink. Plants grow quite broad and stocky throwing up numerous large flower trusses. It is a mid-season variety that forces supremely well in the greenhouse. It is an outstanding favorite with many florists for Easter business. It is also very satisfactory in the garden. $3.00 25.00

QUEEN OF HOLLAND. Blush-white. $3.00 25.00

RHINELAND. The compact spikes are bright crimson colored with salmon shade. $4.00 30.00

ROSE PEARL. Shell pink. An excellent variety for forcing or for use in the perennial garden. $3.00 25.00

RUBENS. Rose red, fine for forcing. $3.00 25.00

Special List Of Forcing Stock Is Shown On Pages 44 And 45
AUBRETIA

One of the daintiest of all creeping plants. Nice for carpeting. Very desirable for rockeries. Blends in beautifully with most of the rock garden plants to produce mass effects over small areas.

**BRIDESMAID.** Pretty variety with soft blush flowers.

**BOUGAINVILLEA.** Dwarf and compact. Blooming in late spring and summer with light violet flowers.

**COERULEA.** Delicate blue. Very showy.

**CRIMSON KING.** Extra fine rich crimson.

**DELTOIDES.** Neat compact plants covered with closely set lilac flowers.

**GRAECA.** Violet, large flowers, fine spring bedders.

**MOERHEIMI.** Beautiful new variety with lilac pink flowers.

**BAPTISIA**
False Indigo

**AUSTRALIS.** A strong growing plant about 3 feet high, suitable either for the border or wild garden with dark green deeply cut foliage and spikes of dark blue, lupine-like flowers; good for cutting.

**BELLIS PERENNIS**
The Bride, or Improved Snowball. A fine large double free-flowering pure white.

**BOCCONIA**
Plume Poppy

**CORDATA.** 6 to 8 feet. Big feathery heads of creamy white flowers. Tall, upright habit. Fine for backgrounds, also makes a nice filler in basket work.

**BOLTONIA**

**ASTEROIDES.** Among the showiest hardy plants with large single Aster-like flowers. The plant is in bloom during the summer and autumn months with its thousands of flowers open at one time producing a very striking effect. Pure white, very effective. 6 to 7 feet. Good for cutting.

**LATISQUAMA.** Lavender-pink. 4 to 5 feet. Good for cutting.

**BUPHThALMUM**

**CORDIFOLIA.** A tall growing perennial very showy in group plantings, bright orange yellow flowers. Large deep green foliage very desirable for naturalizing.

**SALICIFOLIUM.** Willow-leaf Oxeye. Yellow flowers, neat bushy habit. Two feet.

**SPECIOSUM.** Showy Hungarian species, bold foliage yellow flowers.

**BUDDLEIA**
Butterly Bush

**VARIABILIS MAGNIFICA.** This is really a shrub, but the top usually freezes back, and new growth starts from the root like other perennials. Plants grow 3 to 4 feet and are covered with long racemes of lilac-like flowers all summer.

**CALAMINTHA**

**ALPINA.** A good rock plant or for the edge of the border succeeds well in dry ground in a sunny position. Small blue flowers in June 6 inches.

**CALANDRINIA**

**UMBELLATUM.** Prostrate plant 4 to 6 inches high, with brilliant crimson saucer shaped flowers, good for hot place in rock garden.

**CAMPAULNA**

**MEDIA**

**INCISA.** An attractive free-flowering plant; grows 12 to 18 inches high, producing from July to September daisy-like, pale lavender flowers, with yellow center.

**INVOLUCRATA.** Large crimson flowers, trailing habit; very showy. Thrives in ordinary soil.

**CALLUNA NANA.** A nice little evergreen perennial grows 6" high. It is an outstanding plant in the rock garden.

**CALLIRRHOE MALVACEAE**
Malloworts

**INVOLUCRATA.** Large crimson flowers, trailing habit; very showy. Thrives in ordinary soil.

**BONONIENSIS.** Blue flowers on spikes. Tall. 3 feet. A good cut flower.

**MEDIUM CALYCNTHA**
(Cup and Saucer), Blue, Rose and White. Colors separate. Classed among the showiest garden plants; also one of the most desirable cut flowers.

Viola Jersey Gem Is A Wonderful Low Border Plant
CAMPERULA (Continued)

CARPATICA, (Carpathian Harebell). A pretty species growing in compact tufts, not exceeding 8 inches high; flowers clear blue; held erect on wiry stems. It begins blooming in June, continuing until October. As an edging for a hardy border or for the rockery it is unsurpassed.

ALBA. A pure white form of the above.

CARPATICA WHITE STAR. Snowy white flowers 8 inches. June-Sept.

MEDIA. The well known “Canterbury Bells.” Its numerous branches crowded with deep bells, the edges softly rolled back and fluted. In July; height 2 to 3 feet. Blue, rose or white. Very showy for garden valuable for cutting.

GARGANICA. Bluish purple with white eye. 9 inches. June to Sept.

PERSICIFOLIA. Coerulea-Blue, and excellent companion to the white variety. The large blue flowers making an attractive contrast. Height 30 inches.

PERSICIFOLIA GRANDIFLORA ALBA. (White). One of the finest Campanulas, with large, handsome white, bell-shaped flowers. A great acquisition. Height 2 feet.


New Large Flowering Campanula Persicifolia

The following varieties are of recent introductions. They are a great improvement over the old Persicifolia. Flowers much larger and very beautiful. One of our leading seedsmen visited the leading nurseries and private estates in England in 1928 and said without hesitating, they are the most beautiful Campanula he ever had the pleasure of seeing. From a large list of introductions he selected for us the following.

TELHAM BEAUTY. Very large flowered, china blue, silvery shading.

MOERHEIMI. Pure white.

PFITZERI. Light blue, large double and semi-double flowers.

SODHAMS GIANT. Very fine stock, flowers large, varied shades of blue and lavender, also white.

LAVENDER, QUEEN Large lavender blue flowers.

CARNATION

The Truest Hardy Outdoor Carnation. No Florist should be without them. A beautiful strain of hardy pink, which resembles most of all the indoor Carnation, blooming in great abundance all summer, in the most magic colors, flowers being semi- to full double. Excellent for cutting and very hardy. By cutting all flowers off, the life of the plant is maintained and it renews itself and starts new growth of the top and roots.

GIANT PINK. An attractive delicately colored flower that fills a great variety of uses for summer cut flowers. A beautiful landscape flower as well.

GRENAIDIN RED. A large flowering type. Very desirable for garden or cutting.

GRENAIDIN WHITE. White form of the above.

CASSIA

Indian Senna

MARYLANDICA. Handsome pinnat foliage and numerous racemes of showy yellow flowers; an extremely desirable plant of the easiest culture.

CEPHALARIA

Roundheads

ALPINA. When fully established attains a height of 6 feet, bearing in June and July delicate sulphur-yellow flowers, not unlike the flowers of Scabiosa.
CENTAUREA
Knapsweed
Makes a fine display in the border; also excellent for cutting.

MACROCEPHALA. Large thistle-like golden-yellow flowers; useful for cutting and showy in the border; July and August; $1-2 feet.

MONTANA. (Perennial Cornflower) Grows 2 feet high, bearing large violet blue flowers from July to September.

MONTANA ALBA. Pure white.

CERASTIUM
BIEBERERSTEINE. Pure white flowers with cottony foliage, fine.

TOMENTOSUM. A low, creeping plant with the upper surface of the leaves light in color and woolly; it bears a profusion of pretty white flowers. Much used for edging, also to plant in crevices of walls or rockwork, where it keeps up a succession of bloom all summer.

CHEIRANTHUS
Siberian Wallflower
ALLIONI. A beautiful rock plant. Dazzling fiery orange flowers, on stems about a foot high. Best used as a biennial as it frequently blooms itself to death.

CHELONE
Shellflower
HANDSOME perennials, growing about two feet high, and bearing numerous spikes of large flower heads, Summer and Fall.

LYONY. Heads of showy purplish red flowers.

COCCINEA SCARLET. Attractive bright red flowers on long stems. Dwarf compact habit.

BARBATUS TORREYI. Bright scarlet flowers on long stems.

Chrysanthemums

This is the flower above all others that gladdens your heart when your garden is growing bare. The inclusion of Hardy Chrysanthemums in your plantings makes it possible to have the garden bright with flowers after the majority of hardy herbaceous flowers are past. They are also valuable for cut flowers. The varieties offered below have been carefully selected and will give a flowering period of two months, from the middle of September until the middle of November.

AUTUMN GLOW. Rose crimson large.

ADIRONDAX. Small, compact, aster-flowered variety of medium height. Plant covered with bronze flowers early in the season.

ALICE HOWELL. Orange bronze.

BOSTON. Tall-growing, free-flowering and well branched heads. The large flowers are late and of a beautiful bronze orange. Very hardy.

CAPT. R. H. COOK. A fine pompon-flowered late blooming variety. The flowers are a clear dark rose, rather tall grower.

CLEM. Large early pink.

ELKTON. Profuse, very compact, multi-petaled flowers of dollar size, blush white slightly tinged lavender.

FIELD OF SNOW. Pure white button.

FRED PEELE. A very pretty button yellow.

GOLDEN HARVEST. Orange.

GOLDEN QUEEN. Yellow, large.

IVA. Dwarf bronze; wonderfully free flowering.

INDIAN. Late-flowering, very hardy variety of medium height. Flowers are shaggy and of peculiarly pleasing coppery red shade. A good sort.

L'ARGENTUILLAIS. Bronze flowers tipped yellow, of medium height. Early large flowering.

LILLIAN DOT. Beautifully formed shell-pink flowers produced very freely. A true pompon.

LITTLE ROB. Bronze button.

LITTLE DOT. Rich mahogany crimson.

MARIE ANTOINETTE. Deep pink.
Chrysanthemum Maximum
Shasta Daisy or Moonflower

In the garden they are classed among the most known hardy plants. They also hold an important position as desirable cut flowers.

**Alaska.** Extra large. 1.00 7.00

**Arcticum.** (Artic Daisy) Among fall-flowering perennials this is one of the best. It forms an attractive clump of dark green foliage, and in September multitudes of white flowers, slightly tinged rose or blue, 2 inches wide, appear. 2 to 2 1/2 ft. September to November. 1.00 7.00

**Coreanum.** (Korean Chrysanthemum.) A remarkable new perennial from Korea of ironclad hardiness. Large, white flowers with golden center resembling a glorified daisy. Flowers often turn to a light pink. 2 to 1 feet high. In bloom from October to December. 2.00 15.00

**Glory of Wayside.** The earliest to flower coming into bloom in May with pure glistening white flowers, which are produced in great profusion on symmetrical compact plants from 12 to 15 inches high. 1.00 7.00

**Leucanthemum Flore Pleno.** (Double White Shasta Daisy.) Flowers double, pure white, of medium size, excellent for cutting; each plant produces from 30 to 50 flowers; perfectly hardy without any protection. Our latest and best addition to the Shasta Daisies. 1.00 7.00

**Mrs. C. Lothian Bell.** This magnificent white Daisy is undoubtedly the largest flowered of its class. Flowers frequently measure six inches across with very broad petals of great substance. 2 1/2 to 3 feet. Extra for florists use. 1.00 7.00

**Memorial.** A strong growing variety with extra good stems. Large flowers in bloom for use on Decoration Day. Very good cut flower. 1.00 7.00

**Elder Daisy.** This Daisy is now recognized by all for its earliness of flower and it is being used for forcing quite extensively with very good results. 1.50 10.00

**This colonial bouquet was made of Viola Jersey Gem and Maiden Hair Fern.** It was about 8 inches across with the wiring and stems thru a lacy paper container forming a handle. As a summer cut flower Jersey Gem is ideal. It blooms continuously from spring until fall and furnishes a wealth of flowers for a great variety of floral pieces. The stems grow very long except in the hot mid-summer months and even then their length is improved by watering and good soil.
Use Hardy Flowers for Summer Cutting

**Clematis, Dwarf**

<table>
<thead>
<tr>
<th>Name</th>
<th>Per</th>
<th>Per</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Davidiana</strong></td>
<td>1.50</td>
<td>10.00</td>
</tr>
<tr>
<td>DAVIDIANA. A most desirable variety, with fresh, bright green foliage and tubular, bell-shaped flowers of deep lavender-blue during August and September; deliciously fragrant. 2 1-2 feet.</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Integrifolia Caerulea</strong></td>
<td>2.00</td>
<td>15.00</td>
</tr>
<tr>
<td>INTEGRIFOLIA CAERULEA. Blue useful and showy. 2 feet. June and August.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Cimicifuga**

<table>
<thead>
<tr>
<th>Name</th>
<th>Per</th>
<th>Per</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Snake Root</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Racemosa. A handsome native species bearing in July and August spikes of pure white flowers. 1.00 7.00</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Coreopsis**

<table>
<thead>
<tr>
<th>Name</th>
<th>Per</th>
<th>Per</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Lanceolata Grandiflora</strong></td>
<td>1.00</td>
<td>7.00</td>
</tr>
<tr>
<td>LANCEOLATA GRANDIFLORA. A beautiful hardy border plant grows 15 to 18 inches high and produces its bright flowers in great profusion. By cutting off old flowers, will bloom until fall.</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Verbascum</strong></td>
<td>1.50</td>
<td>10.00</td>
</tr>
<tr>
<td>VERTICILLATA. Slender habit, linear whorled leaves, yellow, dark disk. Elegant.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Crucianella**

**Crosswort**

<table>
<thead>
<tr>
<th>Name</th>
<th>Per</th>
<th>Per</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Stylola</strong></td>
<td>1.00</td>
<td>7.00</td>
</tr>
<tr>
<td>STYLOSA. Early-flowering, hardy perennial, suitable for rock work; bright purple, bell-shaped flowers. Height 6 inches.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Delphinium**

**Perennial Larkspur**

<table>
<thead>
<tr>
<th>Name</th>
<th>Per</th>
<th>Per</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Belladonna</strong></td>
<td>1.00</td>
<td>7.00</td>
</tr>
<tr>
<td>BELLADONNA. The most continuous blooming of all, never being out of bloom from June first until cut down by hard frost. The clear turquoise blue of its flowers is not equalled for delicacy and beauty by any other flowers 1 year. Select two-year clumps.</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Bellamosum</strong></td>
<td>1.50</td>
<td>10.00</td>
</tr>
<tr>
<td>BELLAMOSUM. The dark blue form of the popular Belladoona. One year. Two year</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Chinensis</strong></td>
<td>1.00</td>
<td>7.00</td>
</tr>
<tr>
<td>CHINESE. A very pretty variety with fine feathery foliage and intense gentian-blue flowers in open panicles, 1 year.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

As a green house forcing plant, the Delphinium has established its supremacy. It takes 8 to 10 weeks to force them. By making a succession of plantings in your greenhouse benches during January and February, you will have flowers in March and April to be proud of.

The delicate blue of Delphiniums are beautiful in almost any floral arrangement. Outstanding effects can be produced with them. We will appreciate your early orders for forcing stock.
Dianthus

DELPHINIUMS (Cont'd)

CHINENSISS ALBUM. A pure white form of the
above, 1 year.

ENGLISH HYBRIDS. (Blackmore and Langdon's
best strain.) For many years we have grown many
different strains of Delphinium having in mind to
supply our customers with the best obtainable.
This strain without a doubt stands in a class by
itself. It has the range of colors well divided in
the palest shades of blue to the deepest indigo with
a strong run of the most delicate shades of rose,
double and single. 1 year. 1-00

CHINES SIS ALBUM. A pure white form of the
above, 1 year.

ENGLISH HYBRIDS. (Blackmore and Langdon's
best strain.) For many years we have grown many
different strains of Delphinium having in mind to
supply our customers with the best obtainable.
This strain without a doubt stands in a class by
itself. It has the range of colors well divided in
the palest shades of blue to the deepest indigo with
a strong run of the most delicate shades of rose,
double and single. 1 year. 1-00

2 year plants.

1.00 7.00

DIANTHUS DELTOIDES

Maiden Pink

A dwarf variety with sprays of pink flowers; fine
for rockery.

CYCLOPS. Red hybrids. 1.50 10.00
DELTOIDES ALBA. A white form of the above. 1.50 10.00
DELTOIDES BRILLIANT. Glowing crimson flowers. 1.50 10.00
ESSEX WITCH. Delicate pink, finely fringed. 1.50 10.00
GRANATICUS. Good rock species neat branching
habit, bright red flowers in the way of Deltoides. 1.50 10.00
HER MAJESTY. Very large, purest white. 1.50 10.00
LUTIPOLIUS ATROCOCCINEUS FL. PL. (Everlast-
ing Hybrid Sweet William.) Beautiful summer
bedding variety producing masses of brilliant fiery
crimson flowers all season. 1.00 7.00
MISS GLADYS CRANFIELD. A lovely single pink
flowers bright rose, with velvety crimson eye, very
fragrant. 1.50 10.00
NEGLECTUS. One of the most beautiful wild Pinks
in cultivation. The stems are about six inches high
with deep rose colored flowers, frequently borne
two on a stem. No flower garden should be with-
out this lovely Pink. 1.50 10.00
SIQUEIRI. Ragged Pink—bright pink. 2 ft. 1.50 10.00

DIANTHUS PLUMARIUS

DIADEMUTUS FL. PL. Finest mixture of pleasing
pink shades. 1.50 10.00
MRS. SIMKINS. Large pure white, clove-scented
flowers in great abundance. Good for cutting. 1.50 10.00
SEMPERFLORENS. Single and double flowers in
mixed colors. 1.00 7.00

DICENTRA

Bleeding Heart or Seal Flower

SPECTABILIS. An old-fashioned favorite; its long
racemes of graceful heart-shaped pink flowers are
always attractive. It is used largely for forcing.
2.50 20.00
EXIMIA. (Plumy Bleeding Heart.) A dwarf grow-
ing sort, with beautiful finely cut foliage and
showy racemes of pretty pink flowers throughout
the season. 2.00 15.00

DICENTRA

SPECTABILIS. An old-fashioned favorite; its long
racemes of graceful heart-shaped pink flowers are
always attractive. It is used largely for forcing.
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DICENTRA

SPECTABILIS. An old-fashioned favorite; its long
racemes of graceful heart-shaped pink flowers are
always attractive. It is used largely for forcing.
2.50 20.00

Five Plants At 10 Rate; 25 At 100 Rate
DICTION

The Dictamnus is one of the most satisfactory hardy plants in cultivation, both on account of splendid flowers and its rich, durable foliage.

**PHATINELLA ALBA.** 2.00 15.00
**PHATINELLA RUBRA.** 2.00 15.00

DIGITALIS

Foxglove

For stately and picturesque beauty it is not to be surpassed, and, planted in masses in the garden among shrubs or naturalized on the edge of woods, in the orchards or along brooks, it is extremely effective and satisfactory. It is a biennial, but, as it renews itself from self-sown seed, it may be treated as a perennial.

**GIANT SHIRLEY FOSGLOVES.** They are a genuine "Shirley" production of extraordinary size and vigor, growing 5 to 6 feet tall. The flower-heads are over 3 feet long, crowded with big, bell-shaped blossoms. Colors range from white and shell-pink to deepest rose, many attractively dotted with crimson or chocolate.

**GLOXINIAEFLORA ALBA.** Fine variety with spotted flowers; height 4 ft. 1.00 7.00
**GLOXINIAEFLORA ROSEA.** An excellent rose-colored type. June and July. 1.00 7.00
**PURPUREA GLOXINIAEFLORA.** Purple, spotted flowers; height 4 ft. June and July. 1.00 7.00
**ISABELLINA.** New Hybrid of Purpurea, yellow flowers. 1.00 7.00
**LUTZ HYBRID.** New and attractive hybrid, salmon flowers. 1.00 7.00

DORONICUM

Leopard's Bane

**EXCELSUM.** Has large, yellow marguerite-like flowers, 2 to 3 inches across, in early spring. 1 to 2 ft. May-June. Suitable for cutting. 2.00 15.00

ECHINACEA

(Purple Coneflower). It is without a doubt one of the most interesting of hardy plants. It has reddish purple flowers, four inches in diameter. Three to four feet, July-August. Desirable for cutting. 1.00 7.00

ECHINOPS

**RITRO.** Metallic blue flowers; thistle-like foliage 2 to 4 ft. July-August. Used for garden or cutting. Per 10, $1.50; per 100, $10.00.
ECHINAREA

PERENNIALS for POT PLANTS

HYBRIDA ROSEA. Rose flowers.

10 100
1.00 7.00

18 Joseph F. Martin, Perennial Nurseries

ELDER DAISY

This Daisy is now recognized by all for its earliness of flower and it is being used for forcing quite extensively with very good results.

HYBRIDA ROSEA. Rose flowers.

10 100
1.00 7.00

ERIGERON

Fleece

ALPINUS. A dwarf species suitable only for rock gardens. Plant bears an attractive head of purplish flowers. 1.50 10.00

ROSEA. Small lavender pink flowers. 12". 1.50 10.00

SPECIOSUS. 2 feet. June and July. Large, handsome blue flowers, violet tinted and yellow centers; fine for cutting. 1.50 10.00

ERYNGIUM


10 100
1.00 7.00

EUPATORIUM

COELESTINUM (Hardy Ageratum). A fine perennial closely resembling the Ageratum, flowers a lavender blue, flowering from August to frost. A fine perennial for florists' use. 1.00 7.00

EUPHORBIA

COROLLATA (Flowering Spurge). A branchy tall growing plant with fine stems and foliage, literally covered from June to August with loose umbels of pretty white flowers. Good for cutting in long sprays; and one of the most charming mist-flowers to mix with bouquets of Larkspur. 1.00 7.00

CYPARISSAIS. Yellow flowers in trusses. 1 1-2 ft. June to Sept. Fine deep green lacinated foliage. 1.50 10.00

SPIREA Astilbes are at their best as winter pot plants. They can be used, however, as cut flowers in a variety of arrangements. These use their delicate colors and pretty plumy shapes to floral work. They last well as cut flowers.

The greenhouse scene on page 9 is our strongest argument for Forcing Astilbes for winter sales.

Delphiniums Have Established Their Record as Forcing Plants
Use Hardy Flowers for Summer Cutting

Joseph F. Martin, Painesville, Ohio

FUNKIA
Per Per
10 100
ARGENTIA. Strong growing variety. Foliage golden in early spring.
2.00 15.00
LANCEOLATA. Valuable by reason of its late flowering, fine flowers in September; 2 feet. A good landscape variety.
1.00 7.00
UNDULATA VARIETATA (Day Lily). Graceful green leaves having fluted white edge. Very conspicuous plant for border. They are also beautiful when used as a foliage pot plant for Easter sales.
1.50 10.00

GAILLARDIA
Blanket Flower
GRANDIFLORA. This is considered one of the most beautiful and desirable plants in cultivation, beginning to bloom in June they continue one mass the entire season. Most a beautiful combination. Fine for cutting.
1.00 7.00

LEMASTODONTE, Yellow, with red center no colored zones.
1.50 10.00

PORTOLA HYBRIDS. A new strain of large flowering Gaillardia having a color range from reddish bronze to a deep gold. Very satisfactory as a cut flower.
1.50 10.00

GALEA
Goat's Rue
SHOWY plants of the easiest culture and very useful in the hardy border. They form very bushy plants with attractive foliage and pea-shaped flowers. Fine for cutting.

DUCHESS OF BEDFORDS. Lilac and white.
1.00 7.00

GERANIUM
LANCASTRIENSE. Flesh-veined purple trailing plant, 6 inches, July and August.
1.50 10.00

GEUM
Avens

ATROSANGUIEUM. Large, double, crimson flowers. Valuable for cutting. July to September, 2 ft.
1.50 10.00

COXINEUM MRS. BRADSHAW, (Chiloense). A splendid new variety, with large, double flowers of a fiery red, blooming nearly all Summer. Peculiarly attractive. 18 inches.
1.50 10.00

1.50 10.00

GENTIANA

CRUCIATA. Deep blue in clusters easy of cultivation.
1.50 10.00

GLOBULARIA

TRICHOSANThES. Small blue flowers. Globular heads, neat for border, desirable for rockery.
1.50 10.00

GRASSES, HARDY

EUALLA JAPONICA ZEBRINA (Zebra Grass). The long blades of this variety are marked with broad, yellow bands across the leaf. It makes a very attractive specimen plant for the lawn, 6 to 10 feet.
1.50 10.00

EUALLA JAPONICA VARIETATA, Very ornamental, long, narrow leaves, striped green, white, and often pink or yellow.
1.50 10.00

FESTUCA GLAUCA, Dwarf ornamental grass growing 4 inches high. A good plant for border or rockery.
1.50 10.00

Peonies Should Be Planted In The Fall. List Pages 28-31

GYPSONHILA
Baby's Breath
DOES well in rather dry places. Valuable for “mist effect” in bouquets and in the garden where a mass of delicate, misty bloom will fill a bare place.

ACUTIFOLIA. Lilac-rose; height 1 ft.
1.50 10.00

BRISTOL FAIRY. A Double Gypsophila of greater vigor, producing larger panicles of flowers, and having the advantage of blooming more or less continuously all summer, new branches of bloom appearing after the first flush of flowers has passed, if these are cut.
2.50 20.00

HELIANTHEMUM
Rock or Sun Rose
LOW-GROWING evergreen plants, forming broad clumps, and which during their flowering season, July to September, are hidden by a mass of bloom; for the front of the border, the rockery, or a dry, sunny bank.

BUTTERCUP. Golden yellow.
1.50 10.00

DANDY. Light blue.
1.50 10.00

FIREBALL. Bright scarlet.
1.50 10.00

ROSE ANNE CARNEUM. Pink flowers, gray foliage.
2.00 15.00

ROSE QUEEN. Single pink.
2.00 15.00

THE BRIDE. Single white silvery foliage.
2.00 15.00

MUTABLE. Hybrid of rose white and yellow flowers.
1.50 10.00

HELIOPSIS

MULTIFLORUS PL. PL. Clear yellow; closely resembling a Dahlia in shape and finish. 4 feet.
1.50 10.00

LALVIS. Beautiful golden yellow daisy like flowers growing on stalks 2 feet high. Fine for use in vases by itself or with other flowers.
1.00 7.00

PITCHERANA. Deep yellow flowers, very showy border plant.
1.00 7.00

SCABIA ZINNIAEFLORA. Grows about 2 feet high with large semi-double, yellow flowers about 3 inches across.
1.50 10.00

HELICOTHYELON

CRUCIATA. Deep blue in clusters easy of cultivation.
1.50 10.00

PLANA. Single and double flowers, maroon to violet; blooms from July to November; 3 feet.
1.50 10.00

HELIANTHUS

A NEW STRAIN OF LARGE FLOWERING BLANKET FLOWER. A BEAUTIFUL STRAIN OF LARGE FLOWERING BLANKET FLOWER. A friendly introduction of great merit.
1.50 10.00

LOVELY EXOTIC PERENNIALS TO ADD TO YOUR GARDEN. A NEW STRAIN OF LARGE FLOWERING BLANKET FLOWER. A friendly introduction of great merit.
1.50 10.00

CENTAUREA MACULATA. A Single Blue perennial attains a height of three to five feet. It branches at the top and bears many large yellow flowers in autumn.
1.50 10.00

DENDREPO. A Beautiful trailing plant for the rockery, with clouds of small, white and pink flowers in July and August.
1.50 10.00

HELENIUM
Helen Flower
THIS magnificent perennial during its blooming season from early August until the middle of September, literally produces hundreds of beautiful yellow to bronze colored flowers. The flowers on one and the same plant vary in colors according to their growth and different stages of development. Beautiful for the garden. Fine for cutting.

AUTUMNAL (Speeweed). This handsome native perennial attains a height of three to five feet. It branches at the top and bears many large yellow flowers in autumn.
1.50 10.00

AUTUMNAL RUBRUM. Similar to superbum, but has bright terra cotta red flowers; makes a wonderful display during the month of September. 2 to 4 feet.
1.50 10.00

REPENS. A Beautiful trailing plant for the rockery, with clouds of small, white and pink flowers in July and August.
1.50 10.00

HELIOPSIS

Daisy family
A NEW STRAIN OF LARGE FLOWERING BLANKET FLOWER. A friendly introduction of great merit.
1.50 10.00

SPIRIT. Single yellow daisy flowers, fine for cutting.
1.50 10.00

SUNSHINE. Single yellow daisy flowers, fine for cutting.
1.50 10.00

SUNDIAL. Single yellow daisy flowers, fine for cutting.
1.50 10.00
Hemerocallis

WELL known family resembling Lilies in character and bloom, usually sweet scented and bearing a great quantity of yellow flowers during long periods of summer varying with the variety. Are very showy in the garden. They run in height from 2 to 4 feet.

<table>
<thead>
<tr>
<th>Variety</th>
<th>Description</th>
<th>Height</th>
<th>Price</th>
<th>Price per 100</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alba</td>
<td>White</td>
<td>1 ft</td>
<td>1.00</td>
<td>7.00</td>
</tr>
<tr>
<td>Nivea</td>
<td>White</td>
<td>1 ft</td>
<td>1.00</td>
<td>7.00</td>
</tr>
<tr>
<td>Splendens</td>
<td>Crimson</td>
<td>2-2.5 ft</td>
<td>1.50</td>
<td>10.00</td>
</tr>
</tbody>
</table>

**HIBISCUS**

CRIMSON EYE. Dwarf, with rosy reflection; height to 8 inches. 1.50 10.00

**HILPINNATHELLA**

Perennial Nurseries

Use Perennials for Forcing

**HOLLYHOCKS**

We have this season a fine list of strong, clean, healthy vigorous one-year-old flowering plants of the finest strains.

**ALLEGHENY MIXED.** Mammoth flowers with fringed petals. 1.00 7.00

**DOUBLE PINK, DOUBLE RED, DOUBLE WHITE, DOUBLE YELLOW, DOUBLE MAROON.** 1.00 7.00

**DOUBLE LEMON YELLOW.** 1.00 7.00

**IMPRESSOR.** A fine new introduction. The flowers are composed of a very broad collar of frilled and fringed petals with a large double center rosette. These are many attractive color combinations, canary yellow and pink, dark scarlet and cream and others the center rosette being a different color than the fringed petals. Recommended. Mixed only. 1.50 10.00

**QUEEN OF SHEBA.** New beautiful primrose buff with rosy reflection. 2.00 15.00

**HYPERICUM**

**HYPERICUM REPENS.** Fine fern-like foliage, with small yellow flowers. 1.50 10.00

**IBERIS**

**GIBRALTARICA.** (Hardy Candytuft.) Very desirable dwarf plant with evergreen foliage, covered by dense heads of flowers early in spring; height 8 inches. 1.50 10.00

**SEMPERVIRENS.** Very dwarf, covered with a sheet of white; height 6 to 8 inches. 1.50 10.00

**INCARVILLEA**

**Hardy Gloxinia**

**INULA**

**GLAUCO.** Yellow, in large loose racemes. Effective 3-12 ft. July and August. 2.00 15.00

**ISATIS**

**THE Forcing Stock listed on pages 52 and 53 represents our specialty. For several years we have made a study of the needs of florists and have chosen plants for propagation that meet their requirements. Each item is a real value. By growing large quantities of each variety we are able to supply a large demand and give plants of remarkable size for reasonable prices. They will please your customers and help you build your trade.**
THE Iris is one of the finest of our hardy plants. Not particular as to soil or location, but asking only that the sun shine on it. It throws up blooms that are marvelous in their delicacy of structure and the colorings which are exquisitely dainty are wonderful in their blendings and variety.

<table>
<thead>
<tr>
<th>Iris Germanica</th>
<th>German Iris</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>JEANNE D' ARC.</strong></td>
<td>A delicate sort of good size and standards lilac-pink; falls deep lilac-pink</td>
</tr>
<tr>
<td><strong>AMBADOUR.</strong></td>
<td>S. a fascinating smoky velvety purple color; F. velvety purple maroon; beads and style yellow. A magnificent and regal flower of great substance, 18 inches.</td>
</tr>
<tr>
<td><strong>CANDIDA.</strong></td>
<td>Large and striking. Standards light mauve dusted with violet; scapes silvery white. Falls perfectly limp with sharply defined veins converging to a solid blotch of almost black violet at the ends.</td>
</tr>
<tr>
<td><strong>CAPRICE.</strong></td>
<td>A self-colored flower with standards phlox-purple and falls slightly deeper in color, shading to white at the haft, heavily veined. Blooms of medium size are freely produced on widely-branched stems 20 inches tall. A distinct grape fragrance. None of the so-called “improvements” are as dependable as this good old garden iris.</td>
</tr>
<tr>
<td><strong>CHASSEUR.</strong></td>
<td>This is the tallest and best yellow Iris originated in France, and we have been hearing endorsements of its color and reliability from all parts of the United States. We are pleased with its ability to withstand very adverse weather conditions.</td>
</tr>
<tr>
<td><strong>ISOLINE.</strong></td>
<td>Standards lilac-pink; falls deep lilac-pink veined brown at base. Orange beard, splendid size and carriage. One of the newer Irises from France which has become popular due to its immense blooms, which give a rose color effect, but the color is really a lilac which shades toward rose.</td>
</tr>
<tr>
<td><strong>GOLD IMPERIAL.</strong></td>
<td>A yellow self of wonderful, bright, clear coloring. S. and F. Empire to lemon-chrome-yellow throughout; beard conspicuous orange. A medium-sized flower of ideal form, borne on a vigorous plant, 36 inches. A real yellow Iris, deeper and more uniform in color than Shekinah, and darker than Frierose. Granted an Award of Merit by the American Iris Society at a recent meeting of the directors.</td>
</tr>
</tbody>
</table>

### Iris Germanica Prices

<table>
<thead>
<tr>
<th>Iris</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>MADAME CHOBAT.</strong></td>
<td>This is a most interesting iris because of its unusual markings. The standards are cream shaded buff and pink, and tinted lilac at the edges, while the falls are white, reticulated violet at the edge. It has a splendid orange beard.</td>
<td>1.00 7.00</td>
</tr>
<tr>
<td><strong>MAD. GAUDICHEAU.</strong></td>
<td>Standards violet blue. Falls a deep violet purple. Large flowers of exceptional substance on stalks 3 ft. high. One of the most beautiful.</td>
<td>3.00 20.00</td>
</tr>
<tr>
<td><strong>MEDRANO.</strong></td>
<td>This most excellent Iris came from Vilmorin's garden near Paris, and it has both color and an quality which approach the newer variety, ALLIES. The standards are red-copper with a slight suggestion of violet and the falls are dark crimson-purple, nearly black, flaked with buff and lavender. We recommend it very highly.</td>
<td>2.00 15.00</td>
</tr>
<tr>
<td><strong>MEDITERRANEEN.</strong></td>
<td>S. a delightful pink tone in the early hours of the morning. It has splendid stiff stems and is one of the best known Irises in all the world. It produces a good sized, light, steel-blue flower on very tall strong stems, which above most elegant foliage. Taller and more vigorous than PRINCESS BEATRICE. Unfortunately there are different varieties bearing this name, but when the true stock is secured it gives satisfaction both with its flower and its splendid growing habit during the entire season. 1.00 7.00</td>
<td></td>
</tr>
<tr>
<td><strong>OPERAL.</strong></td>
<td>An intensely bright violet-red bicolor of distinctive rich true true color. F. Veil, crimson-purple, nearly black, flaked with buff and lavender. This is a true yellow Pallida, and the first one of its kind. The dainty auricula-purple. The erect poise of the standards and the incurved falls give an unfortunate effect that is distinct but lacks character. The plant growth is most vigorous and flowers are borne in profusion on stalks of 30 inches.</td>
<td>1.00 7.00</td>
</tr>
<tr>
<td><strong>PALLIDA DALMATIC.</strong></td>
<td>One of the best known Irises in all the world. It produces a good sized, light, steel-blue flower on very tall strong stems, which above most elegant foliage. Taller and more vigorous than PRINCESS BEATRICE. Unfortunately there are different varieties bearing this name, but when the true stock is secured it gives satisfaction both with its flower and its splendid growing habit during the entire season. It is of strong, vigorous, growth, over three feet high with unusually heavy, glaucous foliage.</td>
<td>1.50 10.04</td>
</tr>
<tr>
<td><strong>QUEEN CATHERINE.</strong></td>
<td>Pale lavender-violet with orange beard; white haft, veined with bronze. A strong grower.</td>
<td>1.50 10.00</td>
</tr>
</tbody>
</table>

### Iris Germanica Varieties

<table>
<thead>
<tr>
<th>Iris</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>QUEEN OF MAY.</strong></td>
<td>When all the so-called “pinks” are considered, this old, early-flowering Iris is still one of the most charming varieties, especially valuable in mass effect. The arched standards and drooping falls are both soft rose to lemon-pink, shaded to white at the haft with reticulations of magenta, Growth vigorous, with short and high-branched stalks, 30 inches. Delightfully fragrant.</td>
<td>1.50 10.00</td>
</tr>
<tr>
<td><strong>SCHNEE.</strong></td>
<td>8 bright amparo-purple; F. velvety raisin-purple; beard conspicuous, bright orange. This attractive flower, with fine conic standards and drooping to straight-hanging falls, is one of the brightest of all Irises in the garden. Very vigorous and reliable plant that blooms freely on well-branched stalks 20 inches high. From the standpoint of breeders, we regard SCHNEE as the best of all the “red” Irises.</td>
<td>1.50 10.00</td>
</tr>
</tbody>
</table>

### Iris Germanica Notes

- **Joseph F. Martin**, Painesville, Ohio
- **Landscape with Hardy Flowers**
Iris Kaempferi  

People in our district within a radius of a hundred miles await the flowering season of our field of Japanese Iris. While our fields are in full flower, they command the attention of all tourists as well as those who know of our fields. In the memories of those who have been visiting our fields of Japanese Iris, the sight remains forever. This season, we have one planting which consists of 250,000 plants, flowering at the same time. You can picture just what a sight a field of these magnificent flowers presents in full bloom.

The varieties we grow are the choicest. It has been our practice annually to purchase novelties as fast as they are obtainable and after a fair test, discard all those which we figure will not be a credit to our assortment. In checking over the varieties, you will note that we have a good many of the old stand-bys. The reason for this is that in our trials of new varieties, we have not found better ones to take their place. We are satisfied that the list offered herewith is in every respect the cream of the Japanese Iris in cultivation today. In order to be able to sell these plants at such attractive prices, we propagated large quantities of all varieties. This enables us to give our customers good varieties at reasonable prices.

<table>
<thead>
<tr>
<th>Varieties</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASTARTE</td>
<td>Double beautiful dark violet.</td>
</tr>
<tr>
<td>CIRCE</td>
<td>Double dark violet blue, finely lined with white.</td>
</tr>
<tr>
<td>EUMEE</td>
<td>Single dark violet.</td>
</tr>
<tr>
<td>GEKEKA-NO-NAMI</td>
<td>Earliest to bloom, and the choicest white; very free. Glistening white with</td>
</tr>
<tr>
<td></td>
<td>creamy white stigmas.</td>
</tr>
<tr>
<td>GOLD BOUND</td>
<td>Pure double, pure white, enriched by a creamy glow from the gold banded center.</td>
</tr>
<tr>
<td>HERCULE</td>
<td>Double, clear blue.</td>
</tr>
<tr>
<td>ISO-NO-NAMI</td>
<td>Double soft blue, silvery veins.</td>
</tr>
<tr>
<td>IPHIGENIE</td>
<td>Deep Chinese lilac.</td>
</tr>
<tr>
<td>KOKI-NO-IRO</td>
<td>Enormous double flowers often eight inches across, early and free blooming; one of the very best varieties. Color, rich violet-purple with white petaloids tipped violet. The conspicuous golden throat extends outward in sharp bluish white rays.</td>
</tr>
<tr>
<td>MELPOMENE</td>
<td>Double soft blue distinctly veined with dark blue.</td>
</tr>
<tr>
<td>MONJI-NO-TAKI</td>
<td>Bright rose with deeper markings.</td>
</tr>
<tr>
<td>NEPTUNE</td>
<td>3 petal strong growing variety resembling mahogany in color.</td>
</tr>
<tr>
<td>NEREIDE</td>
<td>Double beautiful indigo-blue.</td>
</tr>
<tr>
<td>PATROCINE</td>
<td>Single, superb dark violet.</td>
</tr>
<tr>
<td>PROSPERPINE</td>
<td>Single bright rich blue produced by sanding of velvety blue on white.</td>
</tr>
</tbody>
</table>

Early orders receive the best care. By placing your list with us now, we will be glad to make reservations for you and you get the varieties you want promptly. Thanks for your cooperation.

Special List Of Forcing Plants Is Given On Pages 44-45
Use Hardy Flowers for Summer Cutting

JAP IRIS (Cont’d)

REINE DES BULGARES. Deep blue shading with age to light blue with white veins. A very fine and free-growing plant.

SKE-NO-RYO. Double blue and white.

UCHI. (Universe). Beautiful, six-petaled flowers of largest size on the longest stems. Color, cerulean blue with golden center and white. This variety covers the longest blooming season and is altogether one of the most attractive.

VICTORY. Sandy white on blue ground.

IRIS SIBERICA

Siberian Iris

SIBERICA. The flowers resembling the Spanish and English Iris. These make a bright show in the garden and are excellent for cutting. They can be cut when in bud and will fully develop in water, blooming from latter part of May until end of June. Color, purplish-blue flowers. 3 ft.

SIBERICA ALBA. Pure white. 3 feet.

EMPEROR. Dark violet blue. This variety develops the largest blooms of any of the Siberian group.

PERRY'S BLUE. Sky, china blue and white. The blue effect of the planting finds many admirers.

PSEUDACORUS. 36 to 48 inches. This is a particularly valuable species for several reasons. First, it is a rich yellow color, which color is entirely lacking in Siberian Iris and it is especially attractive mixed with the Siberians. Second, it will grow in marsh or swampy land, even with 2 or 3 inches of water over it, and makes a pretty picture in shallow water or along the water's edge. Third, it is excellent for naturalizing, as it will take care of itself in the most rugged surroundings, self-sowing and perpetuating itself. It is an English species. It will also grow in dry soil.

LATHYRUS

Everlasting Pea

LATIFOLIS. These Everlasting Peas are but little known in this country, but are great favorites in England. They are extremely showy and fine. Charming climbers for covering trellises, arbors, etc.

ALBA. Pure White.

PINK BEAUTY. Large racemes of pleasing deep rose flowers.

RED. The well-known red Everlasting Pea.

WHITE PEARL. A great improvement on the older white variety, the stems giving from 12 to 15 flowers each.

The Rock Garden Pages In The Back Of Catalog List The Dwarfs
**LAUENDULA**

**Lavender**

<table>
<thead>
<tr>
<th>Per</th>
<th>Per</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td>100</td>
</tr>
</tbody>
</table>

**VERA.** The true Sweet Lavender, growing 18 inches high, wonderfully fragrant, blue flowers blooming July and August.

<table>
<thead>
<tr>
<th>Price</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.50</td>
<td></td>
</tr>
<tr>
<td>10.00</td>
<td></td>
</tr>
</tbody>
</table>

**LEONTOPODIUM**

**Edelweiss**

**ALPINUM.** A well known Alpine with pretty white leaves and small yellow flowers which are surrounded by starlike heads of leaves, clothed with a dense white, woolly substance. A splendid plant for the rock garden.

<table>
<thead>
<tr>
<th>Price</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.50</td>
<td></td>
</tr>
<tr>
<td>12.00</td>
<td></td>
</tr>
</tbody>
</table>

**LIATRIS**

**Blazing Star or Gayfeather**

<table>
<thead>
<tr>
<th>Per</th>
<th>Per</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td>100</td>
</tr>
</tbody>
</table>

**PYCNOSTACHYA.** A perfectly hardy perennial of luxuriant growth, doing well in any kind of soil, poor or rich, moist or dry, producing richly colored purple flowers on stout stalks 6 feet high in graceful spikes one foot long. In bloom during July and August. First rate cut flowers.

<table>
<thead>
<tr>
<th>Price</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.50</td>
<td></td>
</tr>
<tr>
<td>10.00</td>
<td></td>
</tr>
</tbody>
</table>

**SCARIOSA.** This is a much showier form than is usually sent out for this plant. It has large, showy, purple heads and flowers much later than the others. A very imposing form. September. Four to five feet.

<table>
<thead>
<tr>
<th>Price</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.50</td>
<td></td>
</tr>
<tr>
<td>10.00</td>
<td></td>
</tr>
</tbody>
</table>

**SPICATA.** Purple flowers on spike 6 to 15 ins. long. 2 to 3 ft. July and September.

<table>
<thead>
<tr>
<th>Price</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.50</td>
<td></td>
</tr>
<tr>
<td>10.00</td>
<td></td>
</tr>
</tbody>
</table>

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We do not recommend using Japanese Iris as a cut flower for the general run of work. However, there are times when the demand is so insistent for something different that a basket or vase of these orchids of the garden seems most appropriate.

Their delicacy of color lends enchantment to any vase or basket.
LILY

Lilium Candidum

AURATUM (Gold-Banded Japan Lily). Undoubtedly one of the finest. Its large graceful, fragrant flowers are composed of six petals of a delicate ivory-white color, thickly studded with chocolate-crimson spots and striped through the center a golden yellow; 2 to 5 feet; July to September. 2.00 18.00

CANDIDUM (Madonna or Annunciation Lily). This is the old-fashioned garden Lily, and one of the most beautiful. Ready in July only. We offer Northern France type of bulbs. 2.50 20.00

ELEGANS. Very hardy dwarf lilies, erect flowers of orange and red. Per 10, $2.00; Per 100, $15.00.

REGALE, OR MYRIOPHYLLUM. (The Regal Lily.) It is absolutely hardy, and is excellent for forcing. It has been predicted that this will become the Easter Lily of the future and being so hardy, may be grown at home. The flowers are white, slightly suffused with pink, with a beautiful shade of canary yellow at the center, and extending part way up the trumpet. It is delightfully perfumed, reminding one of the Jasmine, and lacking the heavy, oppressive odor of most lilies. Blooms out-of-doors early in July. Strong bulbs. Flowering size. Per 10, $2.50; Per 100, $20.00.

LILY-OF-THE-VALLEY

Convallaria

This is often starved and neglected and relegated to some poor corner, but this popular and fragrant subject, like most other plants, repays for being well treated, and if the bed is given a liberal top-dressing of well decayed manure in fall or early spring it will show the effect by increased size, number and vigor of the flowers. The stock we offer is strong clumps, especially suited for outdoor planting, which should be done before the end of April. 2.00 15.00

LINUM

FLAX

PERENNE BLUE. May-August. Pearly blue flowers. A graceful, hardy perennial. 1.00 7.00

ALBA. Milk white flowers, very decorative. 1.00 7.00

LEWISII. Fine green foliage with small yellow flowers. 1.00 7.00

NARBONNENSE. Forms a spreading clump of attractive foliage with a profusion of azure-blue flowers with white eye. Very handsome for the rockery. 1.00 7.00

LOBELIA

CARDINALIS (Cardinal Flower). Rich, fiery cardinal flowers. Strong plants, often producing ten to eighteen spikes. 24 to 30 inches long. 1.50 10.00

SYPHILITICA. Blue. 3 feet. August-September. 1.50 10.00
Use Perennials for Pot Plants

**LUPINUS**

<table>
<thead>
<tr>
<th>Plants</th>
<th>Per</th>
<th>Each Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>LUPINUS Polyphyllus</td>
<td>Blue, Rose and White separate</td>
<td>1.50 10.00</td>
</tr>
</tbody>
</table>

**LYCHNIS**

**Campion**

**LUPINUS**

<table>
<thead>
<tr>
<th>Plants</th>
<th>Per</th>
<th>Each Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>POLYPHYLLUS</td>
<td>Blue, Rose and White separate</td>
<td>1.50 10.00</td>
</tr>
</tbody>
</table>

**LYCHNIS**

A FINE old-fashioned flower, bearing large heads of brilliantly colored flowers, that liven up the border during Summer and early Autumn.

**CHALCEDONICA**

Heads of vivid scarlet flowers, blooming a long time. One of the brightest plants in the hardy border. 3 feet.

**LYTHRUM**

**Purple Loosestrife**

**LYCHNIS**

<table>
<thead>
<tr>
<th>Plants</th>
<th>Per</th>
<th>Each Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>ALPINA</td>
<td>Dwarf, rose-pink</td>
<td>1.00 7.00</td>
</tr>
<tr>
<td>CHALCEDONICA</td>
<td>Heads of vivid scarlet flowers, blooming a long time. One of the brightest plants in the hardy border. 3 feet.</td>
<td>1.00 7.00</td>
</tr>
<tr>
<td>VISCARIA SPLENDENS</td>
<td>Brilliant red</td>
<td>1.50 10.00</td>
</tr>
<tr>
<td>VISCARIA FLORE PLANO</td>
<td>A fine double variety; fine for cutting</td>
<td>2.00 15.00</td>
</tr>
</tbody>
</table>

**LYSIMACHIA**

**Loosestrife**

**LYSIMACHIA**

<table>
<thead>
<tr>
<th>Plants</th>
<th>Per</th>
<th>Each Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>NUMMULARIA</td>
<td>(Creeping Jenny or Moneywort) Valuable for planting under trees or shrubs where grass will not grow</td>
<td>1.00 7.00</td>
</tr>
<tr>
<td>CILIATA</td>
<td>(Lookup)</td>
<td>Useful plant for wet spot, yellow flowers</td>
</tr>
</tbody>
</table>

**LYTHRUM**

**Purple Loosestrife**

**LYTHRUM**

<table>
<thead>
<tr>
<th>Plants</th>
<th>Per</th>
<th>Each Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>SUPERRUM ROSEUM</td>
<td>Very showy; splendid for banks of streams and ponds</td>
<td>1.00 7.00</td>
</tr>
</tbody>
</table>

**MATRICARIA**

**Feverfew**

**MATRICARIA**

<table>
<thead>
<tr>
<th>Plants</th>
<th>Per</th>
<th>Each Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAPENSIS ALBA</td>
<td>Small daisy-like white flowers, very pretty fernlike foliage, a splendid bedding plant, 15 inches high</td>
<td>1.00 7.00</td>
</tr>
</tbody>
</table>

**MERTENSIA**

**MERTENSIA**

<table>
<thead>
<tr>
<th>Plants</th>
<th>Per</th>
<th>Each Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>VIRGINICA</td>
<td>(Virginia Bluebells)</td>
<td>A foot or two high with dark green foliage, and loose panicles of rich blue-purple flowers in early spring</td>
</tr>
</tbody>
</table>

The block of Regal Lilies below put on a wonderful growth this year.

Baby Rambler Roses For Forcing Shown On Page 44
Use Hardy Flowers for Summer Cutting

Joseph F. Martin, Painesville, Ohio

PACHYSANDRA

TERMINALIS. One of the best ground covering plants, averaging 6 to 8 inches in height and branching freely into a dense mat. Its sharply indented foliage is practically evergreen; thick, rubbery, luminous dark green. It bears small spikes of light colored flowers during May and June. 1.50 10.00

POPPIES, ORIENTAL

These poppies are the regal representatives of the popular Papaver family. For a gorgeous display of rich and brilliant coloring nothing equals them during their period of flowering in May and June. Whether planted singly or in masses their large flowers and freedom of bloom render them conspicuous in any position. They are of the easiest culture; almost any kind of soil suits them, but they do best in deep, rich loam. Set the plants out in the Fall or early spring before the first of May, give them water occasionally during dry spells in the early part of the season. Mulch with stable litter in the Fall; and they will increase in size and floriferousness for several years.

BRACTEA'TUM. Like P. orientale, but with extremely large, blood-red flowers, not spotted, shaded orange. 1.50 10.00

ORIENTALE (Oriental Poppy). Tremendous scarlet, cup-shaped blooms of brightest crimson-scarlet, with large, purplish black blotches at base of petals, creating a wonderful contrast when the bloom is fully open. Clumps of these throughout the entire season, a profusion of slender, leafless stems 1 foot high, each graced with charming cup-shaped flowers. 1.50 10.00

MRS. PERRY. Orange Apricot distinct. 3 ft. June-September. 1.00 10.00

PAPAVER NUDICAULE

Iceland Poppy

The plant is of neat habit, forming a tuft of bright green fern-like foliage, from which spring, throughout the entire season, a profusion of slender, leafless stems 1 foot high, each graced with charming cup-shaped flowers.

Orange. 1.50 10.00
White. 1.50 10.00
Yellow. 1.50 10.00

GIBSON'S GIANT. Extra large orange flowers. 1.50 12.00

NUDICAULE AURANTIACA COCCINEA

PAPAVER ALPINUM. Like a small and more dainty Iceland Poppy having flowers of white, pink, orange or yellow, and often delicately fringed. Beautiful foliage- they are a novelty in any rock garden. 1.50 10.00

Red. 1.50 10.00
Rose. 1.50 10.00
White. 1.50 10.00
Yellow. 1.50 10.00

PENSTEMON

Beard-Tongue

Few genera among the popular hardy perennials afford a greater number that are so attractive. Their natural gracefulness, variety of colors, and great abundance of flowers make them useful in many places. Though hardy as a rule, too much frost with an excess of moisture in winter seems to be fatal to most of this genus.

CORAL GEM. Coral pink large spikes, makes up a beautiful with Delph. Belladonna or hardy Asters. 1.50 10.00

LAEVIGATUS. Pretty, pure white flowers, slender habit. 1.50 10.00

CYANOTHUS BRANDEGEI. Dwarf form, deep blue. 1.50 10.00

OVATUS. Blue. Rather small but very pretty. Quite hardy. 1.50 10.00

UNILATERALIS. Avery fine June-flowering variety producing 6 to 10 erect spikes 24 to 30 inches long, covered from top to bottom with opalescent blue flowers. A beautiful border plant and splendid cut flower, lasting for several days in water. 1.50 10.00
PEONIES

The varieties we are offering are a selection of an endless list. In the many years since we have made a specialty of Hardy Plants, we have given the Peonies our closest study and accordingly selected what in our opinion are the best and most distinctive, considering their use for all purposes. We have given our stock the greatest care to keep it free from disease. Our fields have been pronounced without question, the best kept, the cleanest and healthiest that is possible to grow any place. We grow 100,000 annually and supply hundreds of critical buyers. All plants offered are from two- and three-year-old stock, 3 to 5-eye divisions with good roots. We are sure our liberal divisions will please the most critical buyer.

5 At Rate Per 10 — 25 At Rate Per 100

ALBATRE. A magnificent flower which opens like a rose. Pure white with a few pencillings of carmine on the edge of center petals. Fragrant, crown type, late midseason. An old variety, but one that will stand comparison with anything there is. Per. 10, $3.00; Per. 100, $20.00.

ALEXANDER DUMAS. A brilliant pink, interspersed with salmon, white and chamois. Early, very productive bloomer, and very rigid plant. One of the greatest bloomers of all. Per. 10, $3.00; Per. 100, $20.00.

ALEXANDRIAN. Large full rose type. Light violet rose. Early, fragrant. Per. 10, $3.00; Per. 100, $20.00.

AUGUSTIN D'HOUR. Bomb type; midseason. Extremely large; showy, perfectly built bloom. Color very deep, rich, brilliant solferino-red with slight silvery reflex. It is a taller grower and larger flower than Felix Crousse. Per. 10, $4.00; Per. 100, $30.00.

BARONESS SCHBOEDER. Rose type; midseason. Open rose-shaped and develops into crown type. The irregular rich crimson petals of the center are mingled with gold stamens and surrounded by rows of broad silky guard petals. It has a charm peculiarly its own. Per. 10, $4.50; Per. 100, $40.00.

CHARLES MCKELLIP. Crown type; midseason. Open rose-shaped and develops into crown type. The irregular rich crimson petals of the center are mingled with gold stamens and surrounded by rows of broad silky guard petals. It has a charm peculiarly its own. Per. 10, $4.50; Per. 100, $40.00.

CHESTINE GOWDT. Crown type; late. White with shadings of flesh. This is one of the finest Peonies. Its immense flowers of great substance with high chalice-shaped center are freely produced, lasting a long time. Very fragrant. Per. 10, $5.00; Per. 100, $45.00.

DUCHESSE DE NEMOURS. Early. A lovely pure white variety with sulphur-white collar; medium size; fragrant. Per. 10, $3.00; Per. 100, $20.00.
Hardy Flowers for Summer Cutting

Joseph F. Martin, Painesville, Ohio

**FELIX CROUSSE.** Medium bright red, fragrant. Per 10, $4.00; Per 100, $30.00.

**FESTIVA MAXIMA.** Early, pure white with crimson markings in the center, strong grower, fragrant. Per 10, $2.00; Per 100, $20.00.

**GERMAINE BIGOT.** Very large, midseason, to late, a royal variety, most excellent pink. Per 10, $3.00; Per 100, $25.00.

**JEANNE D'ARC.** Crown type, midseason. Soft pink intermingled with sulphur-white and rose. Center spotted carmine. Extra. Per 10, $2.00; Per 100, $25.00.

**JUHLE.** Rose type, midseason. Buds show delicate opal tints; as they unfold the color changes to ivory-white. Unlike other Peony buds which are round, these are pointed like a rose. Per 10, $5.50; Per 100, $50.00.

**KARL ROSENFIELD.** A better Peony and a better quality of red than any of the older red sorts; pure, rich, intense crimson. Of half-rose type, it makes and remains a splendid full, rounded flower of excellent substance, equally valuable as cut flowers or garden glow. Per 10, $5.00; Per 100, $50.00.

**KELWAYS QUEEN.** (Kelway True). The true variety is one of the most beautiful Peonies. Its large, globular, rose type blooms, similar in form to Solange, have the center high-built and cupped. In color it is a uniform mauve-rose, with the broad center petals tipped carmine, and a tinting of carmine-pink deep down in the petals that livens up the bloom wonderfully. Fragrant. Midseason. Each, $3.50; Per 10, $30.00; Per 100, $275.00.


**MARI CROUSSE.** Bomh type; midseason. Color soft salmon-pink shaded a glossy satiny-lilac. A most desirable Peony. Per 10, $6.00; Per 100, $50.00.

**MARI JACQUIN.** The water-lily peony. Semi-double, cup-shaped white flowers, borne in great profusion. Beautiful landscape variety. Midseason. Per 10, $4.00; Per 100, $30.00.

**MARTHA BULLOCK.** Late. Enormous cup-shaped flowers of soft rose-pink, well-formed and of good substance, supported on strong stiff stems. Very vigorous and free bloomer. Flowers quite pronounced but decidedly pleasing. Each, $2.50. Per 10, $25.00; Per 100, $150.00.

**MARY BRAND.** This midseason Peony of a rich, deep red is most distinct. Each $1.00. Per 10, $8.00; Per 100, $75.00.

**MME. AUGUSTE DESSERT.** Its large, semi-rose type flowers open flat, with a conspicuous ring of golden stamens, then develop to a semi-globular form. In color, it is a uniform violet-rose with guards and center marked with carmine. An erect plant of medium height with strong stems and well-set foliage. A good, free blooming, early-midseason variety, desirable either for landscape or for the garden. Per 10, $6.00; Per 100, $50.00.

**MME CALOT.** Syn LEONIE. The very large, rose type flower globular in form, and the broad guard petals, which stand out prominently, are surmounted with a dome-shaped center of smaller petals. The general color is pale hydrangea-pink, shaded darker toward the center, with a slight collar tinted silver. It is an early bloomer that comes along with Edulis Superba. The plant is strong and vigorous in growth, slightly spreading in habit, and the stems are long and strong, each bearing a cluster of flowers that are delightfully fragrant. A very valuable cut-flower variety that is worthy of a place in any garden. The old variety Queen Victoria has been widely sold as Mme Calot, and many very good collections do not have the true variety. Per 10, $2.50; Per 100, $25.00.


PEONIES (Cont'd)

**MME. CROUSSE.** Its flowers are medium to large in size, globular crown type, and the prominent guard petals and a few of the collar petals reflex to the stem on well-developed blooms. In color, it is uniform pure white, with the center petals occasionally flecked crimson. The plant is of medium height and slightly spreading habit, with strong stems. One of the best of the older white Peonies that is worthy of a place in any garden and suitable for landscape use. Per 10, $2.00; Per 100, $18.00.

**MME. EMILE LE MOINE.** Large delicate pink, midseason. Extra good. Per 10, $3.50; Per 100, $30.00.

**MME. DUCUL.** Pink of medium shade with silvery reflex. Bomb type, resembling the famous Mons. Jules Elie. Very desirable. Per 10, $3.50; Per 100, $30.00.

**MME. JULES DESSERT.** Rose type; midseason. Color pure white overlaid with a sheen of delicate blush with a pronounced pink center, intermixed with golden stamens. Each $1.50. Per 10, $10.00; Per 100, $85.00.

**MILTON HILL.** Rose type; late. Flowers large, cupped, clear soft flesh color. Turns nearly white in full sunlight before fading. One of the finest varieties in existence. Each $2.50. Per 10, $20.00; Per 100, $150.00.

**MODESTE GUERIN.** A typical bomb-type flower of light salmon-red that comes in early midseason. Fragrant. A strong plant of medium height with good stems that hold the blooms well upright. This is the best of the early deep pink varieties. Equally good for the landscape or for cut-flowers. Per 10, $3.50; Per 100, $30.00.

**MONS. JULES ELIE.** Bomb type; early midseason. King of all Peonies. Color an ideal glossy lilac-pink, shading to a deeper rose at the base, the entire flower overlaid with a sheen of silver. Ideal for cut flowers. Per 10, $3.50; Per 100, $30.00.

**MONS. MARTIN CAHUZAC.** Semi rose type; midseason. A perfect solid ball of deep maroon with garnet hues and brilliant black lustre. Claimed by some to be the darkest Peony in existence. Each $1.50. Per 10, $10.00; Per 100, $85.00.

**MONS. DUPONT.** Very large cup-shaped flower, ivory white center petals splashed with carmine. A strong grower, very tall, midseason. Very good. Per 10, $3.50; Per 100, $30.00.

**OFFICINALIS RUBRA FL. PL.** Rich deep crimson; the great Decoration Day Peony. Per 10, $3.50; Per 100, $30.00.

Violet Prince Of Wales Forces Well — It's Worth Trying
PEONIES (Cont’d)

PHILOMELA. Anemone type; midseason. Guard or primary petals bright violet-rose, ameno-centre of linguated narrow golden-yellow petals changing to cream or amber-yellow. As the flower develops a crown appears of bright rose edged dark crimson. Has the true honey fragrance; very strong, upright grower and fine bloomer. Distinct and novel. Per 10, $3.50; Per 100, $30.00.

PRIMEVERE. Bomb type; midseason. Outer petals sulphur-white, center petals deep sulphur-yellow. Best yellow Peony grown. Each $2.00. Per 10, $15.00; Per 100, $100.00.

PRESIDENT ROOSEVELT. Semi-rose type; midseason. A variety purchased in England under number and named in Holland for our ex-President. It is deep, rich, brilliant red in color, different from any red we know, and a grand Peony. Per 10, $3.50; Per 100, $30.00.

PRINCESS BEATRICE. Large compact high crown. Guard and crown light violet rose, collar cream white, center flecked crimson. Fragrant, strong, vigorous medium height. Very free bloomer. Per 10, $3.00; Per 100, $25.00.

Milton Hill

SARAH BERNHARDT. Semi-rose type. Midseason. Apple blossom pink with each petal silver tipped, giving the appearance of a distinct border. Very strong growing and free blooming. Substance is heavy and lasting and as flowers are borne on strong, erect stems, they are unequaled for cutting. Delightfully fragrant. Per 10, $6.00; Per 100, $50.00.

THERESE. Rose type. Midsseason. One of the three highest rated Peonies. Color rich satiny pink with glossy reflex. Flowers are enormous in size of full rose type. Sturdy, vigorous grower with upright stems and rich green foliage. Delicately fragrant. Each $2.00. Per 10, $15.00; Per 100, $125.00.

UMBELLATA ROSEA. Rose type; very early. Large flower, guards laid with delicate salmon and Le France pink tints. Exquisitely beautiful in form and color. Per 10, $3.00; Per 100, $25.00.
Phlox

These beautiful hardy border plants are among the most effective things in the garden during the late Summer and Fall months. The varieties have been much improved during the past few years, both as to color and size of bloom. To be at their best, they require soil which has been deeply enriched and plenty of water during the blooming period. It is also well to remember that they should never be allowed to go to seed and should be divided every four years, or they will become small and in not a few cases, change their color. If attacked by red spider, spray with lime and sulphur.

We have tried to confine our list to the very best of the numerous varieties offered and can safely say there is not a poor variety in the lot.

<table>
<thead>
<tr>
<th>Variety</th>
<th>Color Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>MRS. MILLIE VAN HOBOKEN</td>
<td>An excellent new variety. Very large florets combined in rather loose, large heads. Color bright pink, with a slight and delicate mauve suffusion. Strong grower and free-flowering. The general color effect, at a distance, is a fine bright pink.</td>
<td>1.50 10.00</td>
</tr>
<tr>
<td>MRS. SCHOLTEN</td>
<td>New dark salmon-pink flowers in enormous pyramidal spikes. A splendid sort of great value. Midsummer flowering and of medium height.</td>
<td>1.50 10.00</td>
</tr>
<tr>
<td>WAVEHEON</td>
<td>The peerless pink. Extra-large, almost flat flowers of salmon-rose.</td>
<td>1.00 7.00</td>
</tr>
<tr>
<td>RHEINLANDER</td>
<td>Beautiful salmon-pink with claret red eye. Individual trusses of immense size.</td>
<td>1.00 7.00</td>
</tr>
<tr>
<td>RUFNSTROOM</td>
<td>An improved form of the popular variety Pantheon; fine for massing; of a Paul Neyron rose color. 2-1/2 feet.</td>
<td>1.00 7.00</td>
</tr>
<tr>
<td>B. P STRUTHERS</td>
<td>Rosy carmine shaded orange scarlet.</td>
<td>1.00 7.00</td>
</tr>
<tr>
<td>SIR EDWIN LANDSEER</td>
<td>Very bright crimson; large trusses and vigorous, healthy growth.</td>
<td>1.50 10.00</td>
</tr>
<tr>
<td>SPECIAL FRENCH</td>
<td>Glowing pink. Mammoth trusses.</td>
<td>1.00 7.00</td>
</tr>
<tr>
<td>THOR</td>
<td>A beautiful lively shade of deep salmon-pink, suffused and overlaid with a scarlet glow; has aniline-red eye.</td>
<td>1.00 7.00</td>
</tr>
<tr>
<td>VON LASSBURG</td>
<td>Splendid pure white; very large trusses; free bloomer; medium early.</td>
<td>1.00 7.00</td>
</tr>
<tr>
<td>VON HOCHEBERG</td>
<td>New. Brilliant red.</td>
<td>1.50 10.00</td>
</tr>
</tbody>
</table>

**PHLOX SUBULATA**

**Moss Pinks**

An early Spring-flowering type with pretty moss-like, evergreen foliage, which, during the flowering season, in April and May, is hidden under the masses of bloom. An excellent plant for the rockery, the border, and invaluable for carpeting the ground or covering graves.
Use Hardy Flowers for Summer Cutting

**PHLOX (Cont’d)**

<table>
<thead>
<tr>
<th>Variety</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>VIVID.</strong></td>
<td>Bright pink with fiery red eye. We would say that this is the finest free-flowering dwarf Phlox in existence.</td>
<td>2.00 15.00</td>
</tr>
<tr>
<td><strong>G. F. WILSON.</strong></td>
<td>Soft lavender.</td>
<td>1.50 10.00</td>
</tr>
</tbody>
</table>

**PHYSALIS**

**Japanese Lantern**

**FRANCHETI.** This wonderfully decorative plant is easy to grow and multiplies rapidly. A big money maker that will yield more than any other outside crop. The fruits are becoming more popular each year for decorative purposes in the early fall and winter. The color of these lantern fruits is orange-vermilion and are ever-lasting after drying. Single plants produce as many as thirty lanterns that sell readily in any flower market. They are beautiful for home decoration, being an ever-lasting.

<table>
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<tr>
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<th>Description</th>
<th>Price</th>
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</thead>
<tbody>
<tr>
<td><strong>VIVID.</strong></td>
<td>Dwarf compact heavy bloomer flowers deep pink. Very good for cutting flowers, lasting well in water.</td>
<td>1.50 10.00</td>
</tr>
</tbody>
</table>

**PHYSOSTEGIA**

**False Dragonhead**

**VIRGINIANA.** Flowers about an inch long, varying in color from purplish red to pink and white.

- **ALBA.** Pure white; very dne. 1.00 7.00
- **GIGANTEA.** New dwarf pink. 1.00 7.00
- **VIRGINICA, VIVID.** Dwarf compact heavy bloomer flowers deep pink. Very good for cutting flowers, lasting well in water. 1.50 10.00

**PHYTEUMA**

**SCHUECHZERL.** Bell-worts. Very neat species, violet flowers in heads, 12” high. 1.50 10.00

**PLATYCODON**

**Balloon Flower**

**GRANDIFLORA.** Blue, 18 inches. June to October. Large, showy, deep blue flowers. Good for rock garden and border.

- **GRANDIFLORA ALBA.** White-flowered form of the above. 1.00 7.00
- **MARIENSI.** Blue, 12 to 15 inches. July until late September. A beautiful dwarf species, with broad, thick foliage and large, deep violet-blue flowers. 1.00 7.00
- **MARIENSI ALBA.** White-flowered form of the above. 1.00 7.00
- **GRANDIFLORA NANA ALBUM.** 1.00 7.00
- **MARIENSI MAJOR.** Large blue. 1.00 7.00

**PRIMULA**

**Primrose**

**VERIS.** (Cowslip; pansy-wort). Plant in rich, well-drained soil, in the border or in the rockery. Flowers vary from a clear yellow to pleasing shades of yellow and maroon.

- **VULGARIS.** The old English Primrose with pale yellow flowers. 1.50 10.00

**PYRETHRUM**

**Painted Daisies**

**ATROSANGUINEUM.** Seeds selected from dark crimson varieties. 1.00 7.00

**Physalis Franchetti**

**Astilbes As Pot Plants Bring Excellent Prices**
PYRETHRUM (Cont'd)

ROSEUM HYBRIDUM. Very hardy and one of the choicest of the perennials. The attractive fernlike foliage is attractive when the plants are not in bloom and the flowers ranging from pure white through shades of pink to deep crimson are beautiful on the plant or as cut flowers. They flower the last of May and through June.

ULIGINOSUM (Giant Daisy). White flowers, carried on long, erect stems. Good for cutting. 3 ft.

RANUNCULUS

Buttercup

Well-known double yellow buttercup, effective either as a cut flower or grouped in the hardy borders.

ACHIS FL. PL. A pretty double-flowering bright golden yellow buttercup blooming in great abundance in May and June, 2½ inches. Good for cutting.

REPENS FL. PL. A pretty, double-flowering bright golden yellow buttercup, flowers in May and June.

RUDBECKIA

Fulgida. Orange coneflower.

NEWMANII (Black Eyed Susan). Dark orange flowers with deep purple cone, borne on stiff wiry stems three feet high. July to September.

LACINIATA. (Golden Glow). Showy, tall border species, large yellow flowers.

SALVIA

Meadow Sage

AZUREA. A Rocky Mountain species. Grows 3 to 4 feet high, producing during August and September pretty sky-blue flowers in the greatest profusion.

PITCHERI. Thrives in any situation. Flowers are deep indigo-blue borne on stalks 3 to 4 feet high from August to October.

SAPONARIA

OFFICINALIS (Common Soapwort; Bouncing Bet). Will grow in poorest soil.

OCYMOIDES. Trailing vine, which is completely covered with rosy pink flowers from May to July. Fine for rockery.

This small basket was made up with Shasta Daisies, Gaillardia, Penstemon Shell Pink and Artemesia Silver King. The strong color of the Gaillardia is emphasized by the gray of the Artemesia, the white and yellow of the Shasta Daisies and the Pink of the Penstemon.

Our Hardy Asters Have Made Many Staunch Friends
SAXIFRAGA
Megasea

CORDIFOLIA. These will thrive in any kind of soil and in any position. Grow about 1 foot high, and are admirable for the front of the border or shrubbery, forming masses of handsome, broad, deep green foliage, which alone renders them useful; flowers appear very early in the spring. Fine among rocks or ledges.

SHASTA DAISY
(See Chrysanthemum Maximum for complete list.)

PERENNIAL PLANTS are rapidly coming to the front for home and garden beautification. Most of them are easy to raise. They grow up year after year and about all they need is a little thinning, cultivation and fertilization from time to time.
MEMBERS of this family have thick glaucous leaves. Their native habitat is the dry rocky mountainsides of Europe and America. They are very hardy, drought resisting and like the broad sunlight in most instances, but most varieties will thrive in a limited amount of shade. The dwarfs are excellent in the rock garden and the medium and taller sorts are fine for the perennial border.

**SEDUM**

**Stonecrop**

_Acre_ (Wall Pepper; Mossy Stonecrop). A pretty species for rockwork; well known and considerably used.

**Album.** Foliage green. Flowers white. 2 to 3 inches. May-July.

**For Sale Perennials for Landscaping, for Summer Floral pieces and for Winter Forcing. They offer a great variety of forms and colors that adapt themselves easily to every floral piece known to the trade._

**Spirea Douglasii, Achillea Perry's White and Gypsophila Paniculata** are the flowers used in this bouquet. All of them adapt themselves to sprays, wreaths and baskets just as well as they are used in this vase.

For Bright Colors In The Fall Garden Use Chrysanthemums.
Use Hardy Flowers for Summer Cutting

SEDUM (Cont'd)

<table>
<thead>
<tr>
<th>Plant</th>
<th>Per 10</th>
<th>Per 100</th>
</tr>
</thead>
<tbody>
<tr>
<td>SIEBOLDII</td>
<td>1.50</td>
<td>10.00</td>
</tr>
<tr>
<td>SPECTABILE</td>
<td>1.50</td>
<td>10.00</td>
</tr>
<tr>
<td>SPECTABILE BRILLIANT</td>
<td>1.50</td>
<td>10.00</td>
</tr>
<tr>
<td>SPURIAM COCCINEUM</td>
<td>1.00</td>
<td>7.00</td>
</tr>
<tr>
<td>STAHLII</td>
<td>1.00</td>
<td>7.00</td>
</tr>
<tr>
<td>VARIATEGATA SPECTABILIS</td>
<td>2.00</td>
<td>15.00</td>
</tr>
</tbody>
</table>

SIDALCEA

Erect-growing, more or less branching plants, producing their showy flowers during June and July. They will succeed in any garden soil in a sunny position.

<table>
<thead>
<tr>
<th>Plant</th>
<th>Per 10</th>
<th>Per 100</th>
</tr>
</thead>
<tbody>
<tr>
<td>ROSY GEM</td>
<td>1.50</td>
<td>10.00</td>
</tr>
<tr>
<td>SILPHIUM, PERFOLIATUM</td>
<td>1.50</td>
<td>10.00</td>
</tr>
</tbody>
</table>

SPIREA

Goat's Beard; Meadow Sweet

<table>
<thead>
<tr>
<th>Plant</th>
<th>Per 10</th>
<th>Per 100</th>
</tr>
</thead>
<tbody>
<tr>
<td>FILIPENDULA (Dropwort)</td>
<td>1.50</td>
<td>10.00</td>
</tr>
</tbody>
</table>

FALL is the proper time to plant Peonies. The choice varieties listed will afford the best blooms of brightest colors over a long season. You will find here many of the old favorites as well as some of the most worthy new introductions. Each peony of this list is by some special merit a flower with a distinct charm.

This vase of peonies was picked from our two year plants rather late in the season.

Five Plants At The 10 Rate; 25 At The 100 Rate
STORIEA (Cont'd)

ULMARA AUREA F. PL.

ULMARA FLORA PLENA (Meadow Sweet). One of the most useful hardy plants, grows about 3 feet high and produces its double white flowers during June and July.

STOKESIA
Stoke's Aster

CYANE A. A fine hardy plant of the Aster family. Twelve to eighteen inches high, and very thrifty. Rich green leaves, the flowers of a wonderful shade of azure blue, the petals finely divided, good for cutting. August.

CYANE A ALBA. White flowers.

STATICE
Sea Lavender

LATIFOLIA. Grows 15 to 18 inches high with tufts of thick, leathery foliage and immense panicles of delicate blue-flowers. Individual flowers very minute, smaller in form to the Forget-me-not, but made into heads 18 inches or more across.


AQUILEGIAFLOR A. Pure white. 1 to 3 feet. May-July.

DELAVAYI. Handsome species. Purplish stems and pale purple flowers.

FLAVUM. Common yellow variety. 2 to 4 ft. Flowers in June.

GLAUCUM. Fine cut glaucous foliage. Brown-yellow flowers in June. 3 ft.

THYMTUS

ALBUS. Pure white flowers.

CITRIOOREUS. Foliage has strong lemon fragrance. Excellent for rock garden 4 inches.

COCTEXUS. Bright red. The most effective variety.

LANUGINOSUS (Wolly Thyme). A species of Thyme with small, roundish leaves. It is a desirable plant for edgings or in rockwork.

SERPYLLIUM. Creeping habit, hairy foliage, purple flowers. A beautiful indigenous plant for growing in semi-wild places, on grass etc. Foliage strongly scented.

VULGARIS. Grown as a sweet herb; flowers small, lilac or purplish, in terminal, interrupted spikes; foliage very fragrant. June-July; height 6 inch.

TRADESCANTIA
Spiderwort

VIRGINIANA. Produces a succession of blue flowers all summer; height 2 ft.

ALBA. A white-flowered form.

TRITOMA
Red Hot Poker

PFITZERI. Rich orange-scarlet, blooms borne on stems 3 feet high, very attractive for mass planting or singly in the border. In bloom from August to October. Succeeds in any garden soil, but responds quickly to liberal feeding. Must be protected in winter.

THE charm of an outdoor planting like this helps to make a home interesting and inviting. By choosing plants with a long blooming season and providing a succession of bloom, the beauty of the planting is maintained.
Landscape with Hardy Flowers

Joseph F. Martin, Painesville, Ohio

TRILLIUM
Wood Lily or Wake Robin

ERECTUM. The purple Trillium. A beautiful flower for naturalizing. Blooms in May. 1.50 10.00
GRANDIFLORUM. Excellent for shady position in the hardy border. Large pure white flowers in early spring. 1.00 7.00

TROLIUS
Globe Flower
EUROPEAUS. Grown from seed. Colors ranging from lemon yellow to orange. 1.50 10.00

TUNICA
SAXIFRAGA. Has small pink flowers in the greatest profusion. Nice for the low border or for rockwork; blooms profusely. 1.00 7.00

VERBASCUM
HYBRIDUM, MISS WILLMOTT. The large flowers are produced in stately spikes, rising to a height of 5 to 6 feet and continue from July to frost. A lovely white variety. 1.50 10.00

The Delicate Odor Of Regal Lilies Makes Them A Favorite
**VERONICA**

**Speedwell**

A VERY interesting family of plants that form excellent subjects for the hardy border and rockery. They will thrive in a rich, well-drained soil in an open situation in full sun.

- **ELEGANS.** A nice erect growing variety, 12 inches; in full sun. Will thrive in a rich, well-drained soil in an open situation.
- **INCANA.** Deep blue flowers with silvery foliage. 1 foot.
- **AMETHYST.** Short spikes of amethyst-blue flowers; a slender species; height 8-10 inch.
- **LONGIFOLIA SUBSESSILIS.** A delightful 2-foot border plant with attractive foliage of distinct character, a roughened bronze green. Flowers are borne abundantly during July and August in long, compact spikes. Deep blue.
- **PRENZA.** A dwarf upright variety 8 to 10 inches with heavenly blue flowers. Very nice in border or rock garden.
- **PROSTRATA.** Dwarf, close growing species, sheets of brilliant blue.
- **RUPESTRIS.** Fine carpet plant. Sheets of brilliant blue.
- **RUPESTRIS NANA.** Prostrate and creeping, forming a dark green carpet of shiny foliage which is covered with deep Gentian blue flowers in late April and early May; 1 inch high; one of the best early blue rock plants known.
- **SAXATILIS.** Pretty for rockery, bright blue flowers, spreading habit.
- **TEUCRIUM CHAMAEDRYS.** Neat and distinct species, 8 inches high. Flowers silvery rose.
- **TEUCRIUM “ROYAL BLUE.”** Gentian blue. One of the prettiest and brightest of blue flowers, pleasing foliage. Flowers during May and June. A lovely plant for the rockery or border; height 1 ft.
- **TEUCRIUM RUPESTRIS ROSEA.** Fine border or rock plant. Pink flowers.
- **TEUCRIUM RUPESTRIS TRENHAM.** With yellow foliage and blue flowers.

**VINCA**

**Periwinkle or Trailing Myrtle**

- **MINOR.** A trailing, evergreen plant, used extensively for carpeting the ground under shrubs or trees or on graves where it is too shady for grass or other plants to thrive. Strong, nursery-grown clumps.

**VIOLA**

**Tufted Pansies**

THE improved form of Viola Cornuta are rapidly growing in favor. They flower continuously for nearly eight months in the year; and while their flowers are not so large as those of the Pansy, their bright colors and floriferousness make them welcome additions to any garden.

- **AMALTHEA.** Rosy purple.
- **BLUE PERFECTION.** Deep purplish blue.
- **BOSNIA.** A superb, exuberating Pansy, makes neat clumps that are covered with reddish violet flowers throughout the summer. A fine, new European introduction.
- **G. W. WERKING.** A variety of Tufted Pansy, forming clumps which are covered with rich, violet-blue flowers the entire season.
- **JERSEY GEM.** Possesses the dwarf habit and continuity of blooming of the true horned Viola (V. cornuta), the vigorous, bushy growth and roundish foliage of the neat, English bedding varieties. Color is pure, rich violet, and slightly perfumed. It is one of the best introductions in the list of the hardy plants in recent years. Our propagations are from the original stock planted from divisions.
- **LORD NELSON.** Rich glowing violet-purple, neat habit, continuous bloomer. A fine novelty.
- **LUTEA SPLENDENS.** Golden yellow.
- **MAUVE QUEEN.** Mauve. Light blue.
- **PAPILIO (The Butterfly Violet).** A distinct and attractive variety of the tufted Pansy producing its violet-blue flowers with dark eye from early spring throughout the summer until late in the fall.
- **WHITE PERFECTION.** An excellent white.

**VIOLET**

- **PRINCE OF WALES.** The demand with the florist grows for this variety from year to year. This year we have a nice supply of strong field grown clumps that will make an extra good grade for greenhouse planting.
- **DOUBLE RUSSIAN.** This is strictly a hardy variety and a gem for a perennial border. Large double deep blue flowers.

**YUCCA**

- **FILAMENTOSA.** The bayonet-like leaves are dark green growing into large clumps suitable for group plantings. Large bulb-shape flowers on extra strong stalks.
- **GLAUCA.** Like Yucca Filamentosa except foliage which is a light blue in color.
- **VARIEGATED.** This form of Yucca has a central strip of green with an edging of golden yellow.

**Use Perennials for Forcing**

## Landscape With Hardy Plants

LANDSCAPING is a “symphony of plants and flowers and shrubs.” An artist can express himself just as beautifully in landscape effects as if he used oil colors on a canvas. You know that is true because you have seen plantings more beautiful than any painter could picture them. Such a garden is alive. It changes from day to day. It seems to breathe an invitation for you to come and be a part of it.

Gardening brings joy to thousands, but it is up to us as growers and distributors to help them develop their hobbies.

Five Plants At The 10 Rate; 25 At The 100 Rate
SINCE Rock Gardens became popular the Hardy Ferns find their places in shady or semi-shady corners. They are always very decorative and the foliage is quite often used in making up vases of flowers for home decorations. From a Florists standpoint they fit in well for sprays or pieces in general.

For the reason that we have had inquiries in the past we have arranged with one of the best collectors, in a good hardy climate to supply the ferns listed herewith. He is an expert in hardy plants. We are sure that the varieties are true to name and the best in their respective types.

**ADIANANTUM**

*ADIANANTUM* (Maidenhair Fern) One of the most popular species of hardy sorts. It makes a good pot plant and is at home in almost any good garden soil, where sufficient moisture is near, and drainage is well. It grows naturally in shade also in the sun. The chief characteristics of this fern are its airy poise and delicate frond texture.

**ASPIDIUM**

*ASPIDIUM* (Goliath Fern) One of the most popular species of hardy sorts. It makes a good pot plant and is at home in almost any good garden soil, where sufficient moisture is near, and drainage is well. It grows naturally in shade also in the sun. The chief characteristics of this fern are its airy poise and delicate frond texture.

**ONYCLEA**

*ONYCLEA* (Ostrich Fern) One of the most stately and one of the best for cultivation. Not rarely over four feet high, with handsome, dark green fronds growing in a circle, forming in outline a handsome vase. It is not evergreen, but lasts until frost kills the fronds. It likes to be shaded a part of the day and will stand considerable moisture.

**PHEGOPTERIS**

*PHEGOPTERIS* (Beech Fern). Has triangular fronds three to five inches wide, once or twice divided. A delicate and pretty fern which reaches a height of one foot in moist, rich shaded places, often near a mountain brook. It is benefited by adding a little leaf mold to the soil. Plant eight inches apart for permanent bed.

**POLYPODIUM**

*POLYPODIUM* (Shield Fern). Comes from the shaded brookssides of the higher mountains of New England. A very handsome Fern, though not so common as most of the hardy sorts.

**POLYSTICHUM**

*POLYSTICHUM* (Buckthorn Brake) A fine evergreen fern for rockwork in shade.
Plants Recommended for Rock Gardens

The following plants are the regular rock garden plants, suitable for all kinds of plantings. These are plants of dwarf and creeping nature. Also the list covers the entire growing season with flowers at different periods. To make a real attractive rock garden this list is very strongly recommended. For corner plantings, where plants up to two feet or more can be planted, we advise you to consult our general list in this book. Also for descriptions of rock garden plants, please see alphabetical order.

Among our long list of plants are those that do best in open sunlight as well as those that love the seclusion of shady nooks. There are the sedums, achilleas and others whose natural habitat is the dry rocky slopes of mountains, hence they will do well...
high and dry among the rocks of your garden. The plants for naturalizing shady slopes, those that need open sunlight and ordinary soil and those adapted to waterside planting—these are all mentioned in the descriptions throughout the price list.

It will help you to succeed with all plants if you will choose these varieties whose natural habitat is as near like the location where you are to use them as possible.

As permanent beauty of a rock garden depends largely upon having continuous bloom, the blooming season of each plant should be observed and plants chosen with that in mind, and here again the descriptions will help you.

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<tr>
<th>Plant Name</th>
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<td>Violets Double Russian</td>
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<td>Violets Prince of Wales</td>
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Campanula Media Is A Charming Forcing Plant
Forcing Stock for Florists

The following items are grown especially for forcing, with particular attention to strong root development. They have proven productive and desirable. After each item is mentioned the time it usually takes to force it to a point for selling.

We have made a specialty of growing FORCING STOCK for many years. The shipping and curing of this kind of stock has been given careful study and we feel qualified after experimenting to be able to ship you this stock properly packed and cured at the right time for you to plant.

When we ship plants for forcing, they are ready for benching and will give you excellent results when properly planted in your benches.

For Fall 1930 — Order Now
We Will Be Glad To Reserve Stock For You

Dwarf Polyantha or Baby Rambler Roses

<table>
<thead>
<tr>
<th>Variety</th>
<th>Price 1</th>
<th>Price 2</th>
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NOTE: We suggest that you place your order now for Fall 1930 delivery so as to insure your receiving the varieties you want at the time you want them.
ASTILBES

These plump pot plants require 8 to 12 weeks to force and may be potted December 15 to Jan. 15 for spring and Easter sales but usually the earlier date is preferable.

AMERICA. A deep lilac pink variety especially adapted for early forcing. Per 10, $3.00; Per 100, $25.00; Per 1000, $250.00.

GRANAT. A deep carmine red variety that makes a rich looking pot plant. Per 10, $3.50; Per 100, $30.00; Per 1000, $250.00.

JUNO. A hybrid form with splendid long rose pink panicles of flowers. Per 10, $3.50; Per 100, $30.00; Per 1000, $250.00.

GLADSTONE. Its pure snowy white plumes are borne on plants a little more stocky than some of the others. One of the best forcing varieties. Per 10, $2.50; Per 100, $20.00; Per 1000, $200.00.

PRINCESS MARY. A delightful pink that forces nicely. Per 10, $3.00; Per 100, $25.00; Per 1000, $200.00.

QUEEN ALEXANDRA. Its extra large pink flower trusses are borne on plants a little more stocky than some of the others. Per 10, $2.50; Per 100, $20.00; Per 1000, $200.00.

RUBENS. A rosy red variety that is fine for forcing. Per 10, $3.00; Per 100, $25.00; Per 1000, $200.00.

CAMPANULA

MEDIA. Blue, Rose or White separate. These plants will force in about 6 to 8 weeks and should be set into the benches about Feb. 10 to 20 for spring sales. The Canterbury Bellflower is well known as an outdoor flower. However, not all florists know that they are valuable for forcing. Per 10, $1.50; Per 100, $7.00; Per 1000, $50.00.

DAISY

ELDER. If planted in February this plant will be developed for early spring sales. It takes from 4 to 5 weeks. Since its first introduction a few years ago florists have found this daisy valuable for forcing for late winter cutting as well as for planting out of doors for Memorial Day sales. Large clumps. Per 10, $2.00; Per 100, $15.00; Per 1000, $100.00.

DELPHINUM

These favorites should be planted on your benches in Jan 1 to 30 to be ready for March. It generally requires about 8 or 10 weeks to force.

BELADONNA. The clear turquoise blue of its flowers is not equalled for delicacy and beauty by any others. Its place on the florist's greenhouse bench has long since ceased to be disputed. Its beautiful spikes bring good prices throughout the winter months. 1 year. Per 10, $1.00; Per 100, $7.00; Per 1000, $50.00. Two year clumps. Per 10, $1.50; Per 100, $10.00; Per 1000, $85.00.

BELLAMOOST. Dark blue form of the popular Beladonna. 1 year. Per 10, $1.00; Per 100, $7.00; Per 1000, $50.00. 2 year clumps. Per 10, $1.50; Per 100, $10.00; Per 1000, $85.00.

ENGLISH HYBRIDS. (Blackmore and Langdon's Best Strain.) For forcing Lilies of the Valley have grown many different strains of Delphiniums having in mind to supply our customers with the best obtainable. This strain without a doubt stands in a class by itself. It has the range of colors well divided in the palest shades of blue to the deepest indigo with a strong run of the most delicate shades of rose, double and single. This variety has never before been forced extensively. We are confident, however, that this particular strain will give you excellent spikes in every desirable shade of color. 1 year. Per 10, $1.00; Per 100, $7.00; Per 1000, $50.00. Two year clumps. Per 10, $1.50; Per 100, $10.00; Per 1000, $85.00.

DICENTRA

For spring and Easter pot plants these roots should be potted up about Feb. 15. Six weeks is about the time it takes.

SPECTABILIS. (Bleeding Heart or Seal Flowers). An old fashioned favorite. Its long racemes of graceful heart-shaped pink flowers are always attractive. Florists have long used it and a good showing of it usually helps sales. Good plants well forced will fill in throughout the dull days of winter. It is always scarce. Per 10, $4.00; Per 100, $30.00.
Shrubs

These shrubs are large and strong—suitable to set into any landscape job and make a worthy showing. You will get more than your money's worth from any item on this list.

*In giving sizes the larger numbers refer to inches; the smaller to feet.

<table>
<thead>
<tr>
<th>Size</th>
<th>Per 10</th>
<th>Per 100</th>
<th>Per 1000</th>
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</tbody>
</table>

25 at 100 rate; 250 at 1000 rate
An Opportunity

For Seed Stores and Florist Shops

As Hardy Plants become more and more popular for home plantings and their many advantages recognized, the demand for them will increase. It has increased in the last few years. People who want to beautify their homes will need them and will demand them from some source. The seed store or flower shop in each community is ideally situated to take care of this demand and give service.

Drop-Shipment Plan

Having devised a plan of drop-shipment service in distributing Perennials, it is now possible for you to place an order for perennial plants and always have them alive and fresh. Your customers should appreciate this service, and it will enable you to give planting advice and suggestions to your customers personally—a service they cannot get from a mail-order nursery.

How to Order

Simply place an order for a few of the leading plants to come along each week or each three days as you wish, ordering 25 of a variety for each shipment. By so doing you get the minimum price (100 rate) and by starting small you will be surprised how rapidly your trade will grow and the demand increase for these hardy plants. You can stop the shipments any time on any item and start other varieties coming in the same way.

What to Handle

There are so many hardy plants that are good that it is hard to answer that question. You would not want to miss Peonies and Iris for fall sales and the descriptions in the list will help you make a choice. Rock Garden plants make a fine specialty that is now popular. Hollyhocks, Delphiniums, Lupines, Phlox, Lilies, Chrysanthemums and a few others are well known. There are many others that will become popular as people know about them.

IF YOU ARE INTERESTED WRITE US FOR FURTHER INFORMATION
Important

Please advise, when ordering, if you wish goods shipped by express or freight; also give us the best route to insure quick delivery. Write us on business stationery that we may be assured you are in the trade and that you are entitled to wholesale prices. To insure receiving the full order from us your ordering early will greatly facilitate selection and reservation of stock and shipments may go forward on time.

Prices

The prices in this catalog are net, and are subject to change without notice. All stock is delivered F. O. B. Painesville, Ohio. We charge for packing at cost. This price list cancels all sales conditions and prices quoted in previous lists.

Terms

Cash or satisfactory trade references must accompany all orders from purchasers unknown to us. To customers whose responsibility and credit standing is known to us, bills are due net 30 days from date of invoice. On 60-day accounts and older, 6 per cent interest will be charged. We allow 2 per cent discount if bill is paid by the 10th of the month following invoice.

Our Responsibility

While we exercise the greatest care possible to have our nursery products all genuine and reliable, we will replace, on proper proof, all that prove untrue. We do not give any warranty, expressed or implied, or guarantee them to live and grow or give specific results. In case of error on our part, it is understood that we shall at no time be held responsible for a greater amount than the original price of the goods.

Adjustment of Complaints

Complaints for adjustment must be mailed to us in writing immediately upon arrival of stock.

Inquiries

It is part of our service to you to answer your inquiries promptly. We solicit your correspondence. It will help us, however, if you will make your inquiry as brief and as clear as possible.

Shipping Facilities

Are unexcelled. Northern Ohio is centrally located; freight and express shipments to all parts of the country move rapidly. The American Express Company at Painesville gives us excellent co-operation in dispatching all shipments promptly. The main line of the New York Central and Nickel Plate railroads with a switch near our nurseries, and Cleveland terminals but 30 miles west of us, make it possible to move freight shipments quickly to any part of the United States.

Location

To find our nurseries, drive west from Painesville on Mentor Avenue (Route 20) to Forest Drive. Turn north to Jackson St. Turn west again (left) to large warehouse on the right.

Visit With Us

We extend one and all an invitation to visit us at any time of the year. “Our door is always open and the key thrown away.” Should you wish to come when certain perennials are in bloom, advise us and we will tell you when the blooms are at their best.