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FOURTH ANNUAL CATALOGUE 1929



The White & Johnson Company
Florists and Landscape Architects
Wakefield, Massachusetts

Fourth Annual Catalogue

THE WHITE & JOHNSON COMPANY

WAKEFIELD, MASSACHUSETTS

Telephone Crystal 0309



"The Greenhouses Down From The Road"

FOREWORD

Our catalogue of the present season shows a radical change from that of last year.

Two new sections have been added, namely, Vegetable Plants and Garden Accessories. Three of the former sections have been omitted: Fall Bulbs, Gladioli, Trees and Shrubs.

For a number of years we have grown flatted vegetable plants for retail trade. We grow only a few kinds but these varieties are among the leaders.

Under Garden Accessories we are listing a few fertilizers, garden stakes, rose arches, et cetera.

We now publish a special Fall Bulb price list that may be obtained upon request. It seems unwise to include these prices in our spring catalogue.

Gladioli are essentially a specialist's crop. While we will always be pleased to fill orders for any of the standard varieties and will continue to grow a limited number for cut flowers, we do not believe it to be wise for us to grow a large variety.

Trees and shrubs we will continue to handle, especially in our landscape work. We will be glad to quote on any varieties in any amounts. However, it seems inadvisable for us to attempt to list the vast number of varieties and sizes now obtainable. Reference to our 1928 catalogue will give a general idea of prices although many of these have already changed.

Lilies will be found listed under perennials instead of as a separate department.

The emphasis of our catalogue is on Perennials. A perusal of our list will be found well worth while.

Visitors are welcome. We are glad to see you.

DONALD WHITE, President

WALTER JOHNSON, Treasurer

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General Directions

Order in Time. This is particularly important in the spring and fall on account of the danger in planting many items too late in either season. Moreover, you are surer of obtaining your full list although we strive—even at a loss—to fill your orders at any time.

Forwarding. Most of our goods are sent by express, purchaser paying charges. Cut flowers and floral designs are sent by mail whenever possible, purchaser paying postage. If customers desire plants or bulbs sent by parcel post, simply add fifteen per cent of order to payment.

Local Delivery. We give free delivery on all orders of one dollar or more in the towns of Wakefield and Stoneham, besides the Winchester, Melrose and Choate Memorial Hospitals, and the New England Sanitarium and Hospital. A delivery charge of fifteen cents is placed on all orders of less than one dollar in Wakefield and Stoneham.

Free delivery is provided on all orders of \$5.00 or more in all places within a ten-mile radius; on all orders of \$10.00 or more within a twenty-mile radius; and on all orders of \$20.00 or more within a thirty-mile radius.

In any cases not covered above, delivery charges are made according to distance and value of order.

IMPORTANT: The above free delivery statements do not necessarily hold in regard to materials supplied for landscape work and do not hold for items listed under Garden Accessories.

Errors. While we do not wish to make errors, we are but human. Therefore kindly inform us at any time—and immediately—of any error that may occur in any order.

Cash With Order. This is absolutely necessary except in the case of those who have regular accounts with us.

Non-Warranty. Customers realize, of course, that it is to our best interests to send out material of good quality. As so many accidents happen after goods are out of our hands, it is obviously impossible for us to guarantee our products in any way, shape or manner. We, therefore, give no warranty as to description, quality or productiveness of any of the plants, bulbs or other materials we send out, and will not be in any way responsible for any results therefrom, and every order for articles named in this catalogue will be executed on these conditions only.

To Reach Our Place. Visitors coming from Boston should take the Fellsway to Stoneham, thence on the Wakefield road about one mile. Coming from the North Shore, come through South Lynnfield. Coming from the north, take the road to Reading from either Lowell or Lawrence; from Reading take the Quannapowitt Lake road to Wakefield, thence about one mile on the Stoneham road. Visitors coming by train will find the following stations about equidistant from our place: Wakefield Junction, Wakefield Upper Station and Farm Hill (Stoneham).

Note our list of Perennial Transplants on Pages 31-32

Landscape Design and Execution

We are increasing this type of work very rapidly. We will be glad to show prospective clients samples of our designing work and will also be pleased to take them to see plantings that have been completed.

Please remember that careful designing takes time and that prospective clients should notify us well in advance when they desire plans and estimates submitted.

Many foundation plantings are continuously becoming overgrown and need replacing. Proper pruning easily doubles the life of the ordinary foundation planting—but this pruning must be done before the plants become too large and it should be kept up year after year. We are equipped for this type of work.

Grafting and budding are easily done and are not employed as much as they should be.

Individuals desiring further information should communicate directly with us.

Floral Design and Decorating

Originality without bizarreness is the special aim in our design department. Our business in this line is growing so steadily and so fast that we feel we are giving satisfaction and good values.

Decorating for all types of social functions is gladly undertaken and estimates will be furnished for any particular event.

Wedding bouquets, funeral designs, presentation bouquets and table decorations are all important phases of floral decoration work. Prices on any given pieces will be gladly given upon request.

Garden Accessories

Fertilizers et cetera	10 lbs.	25 lbs.	50 lbs.	100 lbs.	1000 lbs.	1 ton
Acid phosphate—16%	\$.60	\$1.00	\$1.50	\$2.25	\$17.50	\$33.00
Ashes, hardwood—3.5% K_2O	.60	1.00	1.75	2.75	23.00	45.00
Bone, crushed	1.25	2.00	4.00	7.50	70.00	135.00
Bonemeal	.75	1.25	2.25	4.00	33.50	65.00
Land limestone	.50	.75	1.00	1.25	9.75	18.00
Land plaster	.50	.75	1.25	2.00	16.00	30.00
Leafmold	.75	1.25	2.00	3.50	30.00	50.00
Manure, Wizard sheep	.75	1.25	2.00	3.25	28.50	55.00
Nitrate of soda—15% N	1.00	1.75	3.00	5.00	44.25	86.50
Sulphate of ammonia—20%	1.00	1.75	3.00	5.50	50.00	95.00
Sulphate of potash—48% K_2O	1.00	1.75	3.00	5.00	44.25	86.50
Tankage, blood—12% ammonia	1.25	2.00	4.00	7.00	65.00	125.00
Tankage, fine ground—9% ammonia, 20% bone phosphate	1.25	2.00	3.50	6.00	51.00	100.00
6-6-4	.75	1.25	2.25	3.75	31.00	60.00
5-8-7	.75	1.25	2.25	3.75	31.00	60.00
3-8-4	.75	1.25	1.75	3.00	25.50	49.00
4-8-4	.75	1.25	2.00	3.25	27.50	53.00
10-6-4	1.00	1.75	3.00	5.00	44.25	86.50

Peat, imported— Each bale weighs in the neighborhood of 175 pounds.
1 bale, \$4.00; 10 bales, \$37.50; 20 bales, \$65.00.

The above prices do not include delivery.

All amounts between two designated amounts take the rate of the smaller amount.

Garden Stakes

		Each	10	100
Square-tapered	3'	\$.10	\$1.00	\$ 7.00
	4'	.15	1.50	11.00
	6'	.25	2.40	18.00
Round-tapered	2½'	.10	.70	5.00
	4'	.15	1.50	11.00
	5'	.25	2.20	16.00

Rose Arches

	Depth	Span	Height	Price
No. 1	1'	4'	8'	\$17.50
No. 2	2'	4'	8'	25.00
No. 3	2'	6'	8'	40.00

Plain House Trellises

	Width	Height	Price
No. 1	18"	6'	\$ 3.00
No. 2	18"	8'	4.00
No. 3	18"	10'	5.00
No. 4	18"	12'	6.00

Above prices do not include cost of delivery.

All wooden accessories are strongly and firmly made. Painted green or white.

Rustic garden furniture made and priced on order.

Prices on any other garden accessories gladly furnished upon request.

Vegetable Plants

	Dozen
Cabbage—Early Jersey Wakefield	\$.30
Cauliflower—Dwarf Erfurt	.30
Pepper—Chinese Giant	.35
—Neapolitan	.35
Tomato—Golden Queen	.35
—John Baer	.35
—Stone	.35

All vegetable plants are flat-grown.

Cut Flowers

Both outside and inside we have many varieties of cut flowers.

The greenhouse crops include Agathaea (Blue Daisies), Bouvardia, Calendulas, Carnations, Chrysanthemums, Delphinium, Elder Daisies, Erlangea, Freesias, Gypsophila (Baby's Breath), Marguerites, Narcissi of various types, Snapdragon, Stevia, Stock, Sweet Peas and Tulips.

Other flowers, such as Roses, Callas, Violets, Lily-of-the-Valley, et cetera, are sold by us, although not grown in our own range.

Outdoor flowers we have in abundance. For three years our aster display at Horticultural Hall, Boston, has won first prize. Many other kinds bloom in our gardens during the course of the season.

(N. B. See our special list of Perennial Transplants on Pages 31-32)

Plot Plants and Bedding Plants

We carry a few standard kinds of bedding plants. Others will be procured upon request.

	Each	Dozen
AGERATUM	\$.15	\$1.25
COLEUS —Fancy varieties only	.20	2.00
GERANIUM —Standard varieties	\$.15-.50	\$1.50- 5.00
Ivy leaved	.15-.50	1.50- 5.00
Madame Salleroi (white-edged)	.25	2.50
Variegated (except Salleroi)	.35	3.50
LOBELIA	.15	1.50
MARIGOLD , French	.15	1.50
PANSY (2 qt. basket, 25 cents; 3-qt. basket, 35 cents)		
PETUNIA , Portland—Various colors	.15	1.50
Rosy Morn	.15	1.00

Annual Plants

Annuals have a very important place in gardening practice. We believe our list contains those varieties that are most indispensable.

We grow them in flats only and the prices are understood to be for this class of stock only.

Last year we grew many varieties of annuals that we have discontinued. Some of them are very good kinds but the sales on them are not enough to warrant their continuance.

We have discontinued the practice of sending untransplanted seedlings by mail as it has not worked out satisfactorily. We are, however, continuing to send the larger, transplanted stock at the regular prices.

If less than six of a kind are ordered the single price is in effect.

	Each	Dozen
ANTIRRHINUM (Snapdragon) — Large flowers, half dwarf (about 18 inches). Separate colors: Pearly pink, apricot pink, white.	\$.10	\$.50
ASTERS —We grow these in various types: Queen of the Market, Royal, American Late-Branching, California, American Beauty and Single. Separate colors except in the single type.	.08	.40
CALENDULA —An old-fashioned but excellent annual in yellows and oranges. One foot.	.08	.40
CALLIOPSIS CORONATA — Large, orange-yellow, spotted brown. One foot.	.08	.40
CENTAUREA IMPERIALIS (Royal Sweet Sultan) —Their odor, beauty, length and strength of stem, and ability to stand up for several days in good condition, make this a popular flower. Separate colors: Deep lavender, deep purple, delicate lilac.	.10	.50
CENTAUREA MOSCHATA [FLAVA] (Yellow Sweet Sultan) —Lasts well. Showy, large, bright yellow blooms.	.10	.50
CHRYSANTHEMUMS, Annual or Painted Daisies —An excellent annual and far too little appreciated. It is quite distinct from the fall types of chrysanthemums. 2 feet.	.10	.50
COSMOS —We handle the Extra Early Colossal and the Early Double in mixed colors.	.08	.40
CYNOGLOSSUM AMABILE —A lovely blue flower, resembling a Forget-me-not, and sometimes called the Chinese Forget-me-not. It seeds itself freely and is one of the best of the newer annuals.	.10	.75
DELPHINIUM —The colors of the annual type show more diversity than the perennial. Separate colors: Ageratum blue, carmine, rose pink.	.10	.50
DIDISCUS COERULEUS (Blue Lace Flower) —Blooms from July to November. Pale lavender. 18 inches.	.10	.50
GILIA TRICOLOR (Bird's Eye) —A California flower that we tried last year and found to be very good. Lilac with purple and yellow centres. 9 inches.	.10	.75
GOMPHRENA (Globe Amaranth) —Flowers clover-like and can be dried. This is a very pretty everlasting both in its natural and dried state.	.10	.50
HELICHRYSUM MONSTROSUM (Straw Flower) —Very effective in the garden and one of the very best Everlastings. Separate colors: Yellow, carmine, salmon.	.08	.40
LAYIA PLATYGLOSSA (Tidytips) — Another Californian flower that we found very satisfactory. A yellow composite with white tipped rays. 12 inches.	.10	.75
MARIGOLDS, AFRICAN —Yellow and orange. Very showy, large, double flowers. 2 - 3 feet.	.08	.40
MARIGOLDS, FRENCH —Yellows and browns. Double mixed. One foot.	.08	.40

	Each	Dozen
PHLOX DRUMMONDI (Annual Phlox)—Excellent for solid beds or massed in the border. Separate colors: Shell-pink, scarlet, white.	.08	.40
SALPIGLOSSIS (Painted Tongue)—From the middle of the summer until frost their attractive flowers are produced in a large and unusual range of colors. Cut flowers last well. 24 - 30 inches.	.10	.50
SALVIA SPLENDENS (Scarlet Sage)—A favorite bedding plant with many. We grow two varieties: America, 2 feet; Splendens, 3 feet.	.10	.75
SCABIOSA (Mourning Bride)—A very beautiful annual, flowering till frost. The shades of color are delicate and exquisite. Excellent for cut flowers. Separate colors: Lavender-blue, crimson, rose.	.10	.50
SCHIZANTHUS (Butterfly Flower)—Blooming throughout the summer this is one of our most charming annuals. The flowers are very dainty and light and the foliage is finely cut. Mixed colors. 18 inches.	.10	.75
SEDUM COERULEUM (Blue Sedum) — An exquisite blue-flowered annual. Particularly good for covering bare spots in the rocky. It may likewise be used alongside rustic stone steps. The blue color in this genus will be especially interesting to those who specialize in rock plants.	.10	.75
STATICE SUWOROWI —Pretty bright rose flowers in large spikes. May be used as an everlasting. 18 inches.	.10	1.00
TORENIA FOURNIERI (Blue Torenia)—Violet and lavender with a yellow blotch on the lip. A beautiful flower though not showy.	.10	.75
VERBENA —Good for massing in the border and attractive as cut flowers. Separate colors: Pink, scarlet, blue.	.10	.50
ZINNIAS —An excellent old favorite. We grow the Dahlia Flowered and Double Giant Flowered Strains.	.08	.40

(N. B. See our special list of Perennial Transplants on Pages 31-32)

Iris

Our interest in Iris is centering more and more on the groups that lie outside the germanica type. We are listing a number of species and varieties below that were in our gardens this last fall. We hope that all of them will survive our winter and give us added variety and interest in the Iris garden.

If less than six of a kind are ordered the single price is in effect.

IRIS cristata (Crested Iris)—A dwarf species with creeping rhizomes and broad green leaves about 6 inches high that form a delicate carpet through which appear the brilliant pale-lavender flowers with their crested falls marked in white and orange. There is much delicate variation both in coloring and amount of these markings. . . . It prefers a cool soil in a semi-shade. (U. S. Dept. of Agri.—Farmers' Bulletin No. 1406) Member of the Evansia group.

30 cents each. \$2.50 per dozen.

IRIS delavayi (Delavay Iris)—A Chinese species with deep violet flowers. Two feet. Member of the Sibirica group.

\$1.50 each.

IRIS douglasiana (Douglas Iris)—While Iris cristata is a native of the Eastern United States, Iris douglasiana hails from the Pacific coast. It is known as one of the easiest of this group to manage in the East. Flowers are cream color and lavender, often veined on the falls with darker colors. Member of the California group.

\$1.50 each.

IRIS fontanesi (as listed in Thompson and Morgan)—Pale blue mottled flowers, long narrow foliage. Two feet.

\$1.50 each. \$15.00 per dozen.

IRIS fulva (Copper Iris)—This is one of the native species of our southland but grows luxuriantly with us. Very distinctive with its flat flower of a quaint, reddish copper color. Likes a damp location but thrives in ordinary garden soil. Member of the Hexagona group.

35 cents each. \$3.50 per dozen.

IRIS kaempferi (Japanese Iris)—This is becoming a well and favorably known group. We have about twenty varieties but at present are selling them mixed.

\$7.50 per dozen.

IRIS missouriensis (Rocky Mountain Iris)—This is from the Rocky Mountain region and is of easy growth in the Eastern States compared with species from the Western coast. Flowers are very pale-lavender with yellow spot at throat. A lovely Iris. One foot. A member of the Longipetala group.

30 cents each.

Variety—Bluebird—Similar to the type but flowers are Bradley's violet, falls veined lighter.

75 cents each.

Variety—Snowbird—Pure white with no veining.

\$1.50 each.

IRIS pumila and chamaeiris—A group of very fine plants for the rockery and front of perennial border. These are in the dwarf bearded group.

—**Bride**—Color effect a white self; size small; flowering habit free; height 8 inches; not branched. A flower of medium substance; good fragrance; medium lasting quality. The slight tinge of green noticed when the flower is first open fades to white. Good in mass. It is rather a delicate grower, and is best suited to protected situations which are well drained. (Sand)

30 cents each. \$2.50 per dozen.

—**cyanea**—Color effect a dark violet self. The individual flowers are rather large for so dwarf a plant and are freely produced, giving a dense mass. For a pumila hybrid this sort holds its color effect longer than usual. (Sand)

30 cents each. \$2.50 per dozen.

—*excelsa*—Color effect a brilliant yellow self. This excellent dwarf iris is free blooming and good for its bright color mass in early spring. (Sand)

30 cents each. \$2.50 per dozen.

—*floribunda*—Early dwarf yellow.

50 cents each. \$5.00 per dozen.

IRIS setosa (Arctic Iris)—A very distinct species with deep lilac flowers. A member of the *Laevigata* group.

\$1.50 each.

IRIS shrevei (Shreve's Iris)—“This is one of Dr. Small's new Irises from the Mississippi Valley, which I formerly listed a *I. 'versicolor'*. It varies much but I offer the identical lavender-blue type which I sent Dr. Small. Unlike most beardless Iris this will thrive in limestone soil even if dry, but it prefers moist places.” (Shreve)

50 cents each. \$5.00 per dozen.

IRIS sibirica (Siberian Iris)—The Siberian Irises have a distinct place in gardening. Their grass-like leaves and small, slender flowers give them a characteristic position. They come later than the German irises and are good for cutting. The color is a brilliant blue with a spathe of crimson shade.

30 cents each. \$2.50 per dozen.

—**Blue King**—Deep violet-blue, slightly lighter than the type.

30 cents each.

—**Butterfly**—Porcelain-blue, slighter larger than Perry's Blue. An excellent variety.

40 cents each. \$4.00 per dozen.

—**Emperor**—Large flowers of very fine form and of a deep violet color, borne on stalks 4 feet tall. One of the largest of the Siberian Irises. (Farr.)

75 cents each. \$7.50 per dozen.

—**Perry's Blue**—A large flower of clear blue with horizontal falls. Probably the finest Siberian Iris. (Farr)

60 cents each. \$6.00 per dozen.

—**Skylark**—Blue. Similar to Perry's Blue.

40 cents each. \$4.00 per dozen.

—**Snow Queen**—Large, ivory-white flowers. Found in Japan by Mr. Barr. (Farr)

30 cents each.

—**Sunnybrook**—Greyish blue.

40 cents each. \$4.00 per dozen.

IRIS tenax (Oregon Iris)—This Iris comes from the northern part of the Pacific coast. Mauve, marked with yellow and white, 9 inches. A member of the California section.

\$1.50 each.

IRIS tricuspis—Listed by Thompson and Morgan of England. Large rich violet flowers, dwarf habit. Rare.

\$1.50 each.

IRIS verna (Vernal Iris)—A very nice dwarf Iris. Deep violet. Fragrant. 3 - 6 inches.

30 cents each. \$3.00 per dozen.

German Iris

(Including the Intermediates)

If less than six of a kind are ordered the single price is in effect.

Descriptions marked “Sand” in parentheses are taken from the Cornell Extension Bulletin 112, by Austin W. W. Sand or from Memoir 100 of the Cornell Agricultural Experiment Station, written by the same author. Each description is necessarily a shortened form of the original.

The ratings given are the garden ratings of the Iris Society. In a few cases the rating is an old general rating where the variety is not rated in the new list.

Several terms used in certain descriptions are here defined (from Cornell Extension Bulletin 112).

Self—standards and falls of apparently the same color, and unmarked.
Plicata—standards marked. The ground color variable, the markings also variable, sometimes bronze, but never yellow.

Veined bicolor—venation present in blade of falls. Ground of any color, venation red or purple toned, sometimes bronze, but never yellow.

Velvety bicolor—usually, but not always, due to veins becoming confluent on the fall.

Solid bicolor—colors often blended, but rarely dominantly yellow.

Unless otherwise noted, the dozen price is ten times that of an individual.
S=Standards. F=Falls.

- 82 **AFTERGLOW**—Color effect a smoky lavender-buff and yellowish bronze blend. Fair-sized rounded blooms, freely produced. In gardens it reaches a height of three to four feet, bearing its flowers well above the foliage on graceful stems. It is exceptional for its bewitching color mass in twilight hours and for its delicate lemon odor. This variety is very effective as a cut flower. (Sand.)
50 cents each. \$5.00 per dozen.
- 87 **ALCAZAR**—Color effect light hortense violet, velvety pansy-violet bicolor. A large, well-balanced flower of extra substance, firm texture, and good fragrance. An outstanding specimen plant, with excellent foliage (Sand.)
30 cents each. \$3.00 per dozen.
- 91 **AMBASSADEUR**—Color effect a smoky bronze, dark velvety maroon bicolor blend. An exceptionally tall, widely branched, and late bloomer. It is unexcelled in its class for size of bloom. (Sand.)
75 cents each.
- 79 **AMBIGU**—Color effect a bright smoky red, velvety blackish purple bicolor. The medium height of this variety and its wealth of intensely colored blossoms build up well in mass plantings. It has dwarf compact foliage and is outstanding for its strong elder fragrance. (Sand.)
75 cents each.
- 81 **ARCHEVEQUE**—Color effect a deep violet to velvety purple self; size fair to good; form short to long, compact, rounded; flowering habit moderately free; tall bearded class; height 24 inches. A flower of good substance; firm texture; little fragrance; good lasting quality. Of excellent color for a specimen clump, mass planting, or a cut flower. The faults of this variety are its slow increase and an occasional poor season of flowering but its intense color and rich texture repay the grower who demands this scarce iris. (Sand.)
30 cents each. \$2.50 per dozen.
- BALDER**—One of Goos and Koenemann's new seedlings. Standards yellow olive; falls dark reddish purple.
\$2.00 each.
- 89 **BALLERINE**—Color effect a blue and violet bicolor; size large; flowering habit moderately free; height 27-42 inches. A flower of good substance; frail to firm texture; very good fragrance; good lasting quality. Useful in clump or landscape, and fair as a cut flower. One of the most strongly scented irises. Perhaps a hybrid of Amas. (Sand.)
\$1.00 each.
- 79 **BARTON HARRINGTON**—Bicolor. S. empire yellow; F. velvety maroon with yellow border. 2 ft. A brilliant iris.
75 cents each.
- 82 **BRANDYWINE**—S. and F. pale silvery blue; distinct orange beard. The general color effect of the flower is clear china-blue. In some respects it is similar to Crusader, but pronounced by those who have seen it to be far superior. (Farr.)
75 cents each.
- 80 **CARTHUSIAN**—Color effect a clear bluish lavender, darker blue, bicolor; size large; flowering habit free; height 30 in. A flower of good substance. An early large-flowering fragrant variety, best in mass but useful as a cut flower or in specimen clumps. (Sand.)
50 cents each. \$5.00 per dozen.
- 81 **CECIL MINTURN**—A uniform soft shade of cattleya-rose. A free bloomer. One of the best and largest pink-toned varieties available for mass effect.
90 cents each. \$9.00 per dozen.

- CHARLES DICKENS**—Color effect a light violet self, veined with deep violet; height 24 in. A flower of medium substance; firm texture. Interesting for its many flowers on a stalk and its slender leaves. (Sand.)
30 cents each. \$2.00 per dozen.
- 69 **CHESTER J. HUNT**—S. celestial blue. F. dark marine blue, bordered pale blue. A beautiful iris.
50 cents each.
- 70 **CLIO**—A variety of pallida that has a better flower than the straight dalmatica.
30 cents each. \$2.50 per dozen.
- 78 **COL. CANDELLOT**—Color effect a mauve fimbriated with golden reddish brown, rich plum, bicolor; size small to fair; height 30 inches; medium lasting quality. The blooms are interesting on specimen plants, and are perhaps useful as cut flowers. Recommended by the introducer as a good variety of first-rate decorative quality for grouping. The intense coloring of the falls is of a rich velvety sheen, and the spathes are strikingly inflated. (Sand.)
35 cents each. \$3.50 per dozen.
- 85 **CRUSADER**—Color effect a light violet bicolor approaching a self; size large; height 27 in. The bold clear color is interesting on specimen plants or in well-established mass plantings. The growth is best in heavy soils, where the plants yield a wealth of bloom. (Sand.)
50 cents each. \$5.00 per dozen.
- 79 **DALILA**—Color effect a cream-white, violet-red-bronzed, bicolor; height 24 in. It is interesting for its striking soft colors of flesh-color and rich dahlia purple, which make it good as a cut flower and give a low-intensity color in mass. Received a certificate from the National Horticultural Society of France. (Sand.)
50 cents each. \$5.00 per dozen.
- DEJAH**—A Perry seedling. Magnificent tall-growing variety. 4½ feet or more. S. dark silver-blue. F. bright mauve-blue. Bold yellow and white beard.
\$1.00 each. \$10.00 per dozen.
- 82 **DOMINION**—The most richly colored of all the Dominion race and the outstanding member because of the extraordinary development of the falls. S. light bluish violet, large, erect and of good breadth. F. deep rich indigo purple velvet, well expanded and of exceptional substance. Pronounced orange beard. 30 in. (Salbach.)
\$5.00 each.
- DUKE OF YORK**—A gigantic flower of perfect shape and heavy texture with well-branching stems standing well over 4 feet high. A self color. An exquisite shade of soft mauve blue, strikingly illuminated with a bold orange beard. (Quality Gardens.)
\$1.00 each.
- 81 **E. H. JENKINS**—Color effect a pale violet self. This variety is of exceptionally tall growth, and produces large numbers of flowers on single well-branched stems. It is a vigorous plant, and excellent for massing where height is desired in the border. (Sand.)
75 cents each.
- 76 **EMPIRE**—A clear empire-yellow. Good form. Fine for massing. 3 ft.
50 cents each.
- 77 **ETTA**—Color effect a light yellow self; height 10-15 in. Useful in mass or specimen clump. Its numerous large flowers are of good form and delicately colored. Darker than King Christian, and very good for mass color effect. (Sand.)
30 cents each. \$2.50 per dozen.
- 78 **FAIRY**—Color effect an opalescent blue-white self; height 27 in. An excellent white cut-flower type, with delicate tints of pallid blue, bluish crests, and a broad, showy, yellow beard. Deliciously and heavily scented. Deserves much wider popularity. (Sand.)
30 cents each.

- 75 **FEDORA**—Flowers large and of perfect form. S. old gold; F. rich, deep, reddish violet purple, broadly edged gold, rich colors, producing a striking effect.
\$1.75 each.
- 73 **FLAVESCENS**—Color effect a light yellow self; height 20-27 in. An early sort, useful in mass and for cut flowers. There are no better sorts to take its place for early mass effects. (Sand.)
30 cents each. \$2.00 per dozen.
- 75 **FLORENTINA ALBA**—Color effect a somewhat grayed bluish white self; height 27 in. Useful in mass, where its persistent foliage is good after the flowering season is over. Useful also as a cut flower. For a variety so well adapted to general mass plantings and so useful as a cut flower, its rating would seem much too low for an iris of its quality, produced early in the season. (Sand.)
30 cents each. \$2.50 per dozen.
- 79 **FORSETE**—Another of Goos & Koenemann's new Iris seedlings. A tall lavender blue.
\$2.00 each.
- 78 **FRITJOF**—Color effect a pale violet and velvety purple bicolor; height 22 in. Useful in clumps, as a cut flower, and for garden effect. A vigorous and free-blooming plant, of intermediate season in flowering. (Sand.)
30 cents each. \$2.50 per dozen.
- 85 **GEORGE YELD**—This is one of the finest Iris which Perry has produced. It is absolutely a new combination of colors and is magnificent and absolutely distinctive. Stout branching stems bear large well-shaped flowers. S. bright apricot shaded rose; F. brilliant rose crimson edged buff. (Quality Gardens.)
\$3.00 each.
- 83 **GEORGIA**—Large flowers of a uniform soft shade of cattleya-rose. One of the best pinks.
75 cents each. \$7.50 per dozen.
- GRAYLIN**—Very pale blue or mauve, with slightest flush of pink on falls. Large blossom of pleasing form. Free bloomer. 24 in. (Gray & Cole.)
35 cents each.
- GYPSY QUEEN**—Color effect an old gold, velvety maroon veined bicolor. Its very late bloom, its dull color combinations like those found in the *Cypripedium* orchid, and its early history, being a parent of the *variegata* groups, make it still worthy of selection. (Sand.)
30 cents each.
- 62 **HECTOR**—S. soft clouded yellow. F. velvety crimson black. Showy. 30 in.
30 cents each.
- HERMOSA**—A large strong flower with stout stems. Very bright pink. The liveliest, brightest, most brilliant pink in the garden. (Quality Gardens.)
90 cents each.
- INCA**—Of taller, stronger growth and more brilliant coloring than Pfaenauge. S. clear, deep saffron-yellow. F. velvety dark plum, edged gold in medial line and reticulations at the base. One of the most brilliant varieties.
35 cents each. \$3.50 per dozen.
- 79 **INGEBORG**—Color effect a white self. This is an intermediate variety of vigorous habit, large flowers and persistent green foliage. (Sand.)
30 cents each. \$2.50 per dozen.
- 66 **JAPANESQUE**—Color effect a light lavender, deep violet bicolor. The standards are reflexed and the falls are spreading so that the form of the expanded bloom is flat, like that of the double Japanese varieties. Its irregular markings and widespread segments are distinctive. (Sand.)
50 cents each. \$5.00 per dozen.
- JAVA**—Color effect a yellow and brown. Moderate height.
30 cents each. \$2.50 per dozen.

- 81 **JEAN CHEVREAU**—Large flowers of great texture. S. cream tinted buff yellow; F. milky white stippled at the throat and around all the divisions with brown-violet dotting. A very beautiful flower. (Quality Gardens.)
\$1.00 each.
- 84 **JUBILEE**—Buff, heavily spotted dark copper. Large flower, free bloomer and the one distinct advance lately, in this class. The general color effect is a rather dark, rich, luscious, peach color. (Quality Gardens.)
\$2.50 each.
- 73 **KATHRYN FRYER**—Bicolor. Large. S. sulphine yellow. F. veins becoming velvety violet carmine with a lighter border. 33 in. More brilliant than W. J. Fryer.
\$1.00 each.
- 78 **LA NEIGE**—Color effect a clear white self. This variety is the best white for form and substance yet produced. (Sand.)
35 cents each.
- 88 **LENT A. WILLIAMSON**—Color effect a lavender-violet, velvety royal purple bicolor, veined. This sort is strong in growth and vigorous in production; it has broad, stiff foliage, and heavy stalks and flowers. Its large flowers are noteworthy. (Sand.)
75 cents each.
- 82 **LEVERRIER**—An enormous flower on 4 ft. stems. The color is a combination of Chinese and pansy violet, heavily veined reddish brown on the white throat. The general effect is light red. This is one of the most magnificent irises in existence. (Quality Gardens.)
\$1.00 each.
- 69 **LEWIS TROWBRIDGE**—Bicolor. S. light mauve; F. shaded manganese violet. 33 in. An effective pallida.
75 cents each.
- 79 **LOHENGRIN**—Uniform soft shade of cattleya-rose. Very large. One of the best of its color.
30 cents each.
- 78 **LORD OF JUNE**—Color effect a light chicory-blue, lavender-violet bicolor. The standards are very large, and inclined to fade and become floppy in intense sun. The tall stalk branches low and widely, bearing its large, oblong flowers well. Its fruity fragrance is an added attraction in the cut flower. (Sand.)
50 cents each.
- 78 **LORELEY**—Color effect a flecked yellow, velvety pansy violet veined bicolor. The flowers are borne on widely branched stalks, and the segments of the blooms expand so that the general effect is that of a short, open bloom with cup-formed standards. Under some circumstances, fall blooms appear. Their bright colors make interesting masses in the border. (Sand.)
30 cents each. \$2.50 per dozen.
- 70 **MADAME CHEREAU**—Color effect a lavender-white plicata. The flowering stalks are tall and well-branched, and carry the smallest blooms well above the compact foliage. The delicate coloring, the clear penciling, and the symmetrical form of the individual bloom have not been rivalled by the productions of the modern hybridist. This is one of the best ten, and absolutely lovely, despite its low rating of 70. (Sand.)
30 cents each. \$2.00 per dozen.
- 80 **MADAME CHOBAUT**—S. white shot with pale chalcedony yellow, shading into wine red. F. white edged with lilac. Very pretty and unique.
75 cents each.
- 85 **MAGNIFICA**—S. light violet-blue. F. dark reddish violet, with brown stripes at the base. Very large, sweetly-scented blooms. A striking Iris.
\$1.00 each.
- 72 **MARY GARDEN**—Creamy white, minutely dotted brown and veined maroon. Midseason. 30 in.
35 cents each.

- 87 **MILDRED PRESBY**—S. white. F. rich dark velvety pansy-violet, with narrow edge of lavender-white. An exceedingly splendid variety for garden use. Its bright shades fill the corner with light and color.
\$1.50 each. \$15.00 per dozen.
- MONS. OLIVER PERTHUIS**—A large flowered plant. Stems 4½ ft. or more. S. blue, shaded mauve. F. bright purplish violet. Beautiful.
\$2.00 each.
- 84 **MOTHER OF PEARL**—A light soft lavender with a lustrous texture displaying the iridescent colors of mother of pearl. 4 ft. (Sturtevant.)
75 cents each.
- 79 **MOUNT PENN**—S. lavender-rose. F. crimson-lilac. Tall.
35 cents each. \$3.50 per dozen.
- 70 **MRS. H. DARWIN**—Color effect a white self, veined purple. Its flower stalks are of medium height, well-branched, and freely produced. The individual blooms are compact, well-rounded, and fragrant. It is an excellent white for massing or for cut flowers. (Sand.)
30 cents each.
- 64 **PALLIDA AUSTRALIS**—Color effect a pale blue-violet to pale hortense-violet self. The firm-textured blooms are well rounded, large-sized, and fragrant. It is an excellent cut flower. Rating 64 is too low. (Sand.)
30 cents each. \$2.50 per dozen.
- 80 **PARC DE NEUILLY**—Color effect a deep violet-blue self. This variety is excellent in mass and as a cut flower. (Sand.)
30 cents each. \$2.50 per dozen.
- 82 **PERLADONNA**—The general effect of this flower is very striking; stout, branching stems, growing full 3½ ft. high, bearing many medium-sized flowers of great texture. Color is a pleasing shade of rich "China blue." It was rated 92 by Mr. Wister in 1922. (Quality Gardens.)
\$1.00 each.
- 77 **POCAHONTAS**—Very large orchid-type flower, with elegantly frilled petals. S. white, faintly bordered pale blue. F. pure white.
30 cents each. \$2.50 per dozen.
- 74 **POWHATAN**—S. light bishop-violet, with deeper border. F. deep purple, shaded crimson. Large horizontal spreading flower.
30 cents each. \$2.50 per dozen.
- 74 **PRINCESS VICTORIA LOUISE**—Color effect a yellow, plum-bordered cream bicolor blend. The plant is vigorous and has well-branched, moderately-tall flowering stalks. Its numerous, good-sized blooms are pleasing in color combination and showy in separate mass planting. (Sand.)
30 cents each. \$2.50 per dozen.
- 75 **QUAKER LADY**—Color effect a smoky lavender, ageratum-blue, bronzed and blended bicolor. The flowering stalks are freely produced, above medium height, well-branched, and carry their numerous blooms in a fine mass. The soft, smoky lavender, blending with old gold in the fair-sized, firm-textured flowers, is very pleasing when used in mass with bright yellows. This variety is a late bloomer. (Sand.)
30 cents each. \$2.50 per dozen.
- 74 **QUEEN OF MAY**—Color effect a reddish phlox purple veined self. The moderately-tall, high-branched, flowering stalks are freely produced and well furnished with good-sized, sweet-scented blooms. This is an older sort, outstanding for its pink color mass. (Sand.)
30 cents each. \$2.50 per dozen.
- 83 **RHEIN NIXE**—Color effect a white, violet-purple bicolor. The growth of this variety is vigorous. The plant has lax, medium foliage and numerous erect, high-branched flowering stalks. The good-sized blooms are excellent for cut flowers or for massing. A clear-colored bicolor. (Sand.)
30 cents each.
- 87 **RHEINGAUERLE**—A recent seedling of Goos & Koenemann. Soft rose-pink.
\$2.00 each.

ROBERT BURNS—General color effect purple. Good substance.

30 cents each. \$2.50 per dozen.

- 69 **ROSE UNIQUE**—Color effect a rose-purple veined self. The stalks are erect, intermediate in height, and well furnished with bloom. The good color mass and the early blooms make this variety worthy of its place among the intermediates. (Sand.)

30 cents each. \$2.50 per dozen.

SAMBUCINA—Color effect a pale purplish drab and Chinese violet blended and veined bicolor. The erect flowering stalks are freely produced, and are well and high-branched. The fair-sized flowers are firm in texture and heavily elder-scented. The numerous early blooms are of sombre shade and interesting in mass or as cut flowers. (Sand.)

30 cents each. \$2.00 per dozen.

- 83 **SEMINOLE**—S. dark violet rose. F. rich velvety crimson. One of the very finest red varieties in existence. Rich in color, not dingy. Wonderful mass effects. Blooms early, with Cecil Minturn, and is an excellent companion in massing.

60 cents each. \$6.00 per dozen.

- 76 **SHERWIN WRIGHT**—Golden yellow. Vigorous. 2 ft.

30 cents each. \$2.00 per dozen.

- 80 **SINDJKHA**—Color effect a blended lilac-drab, neutral violet bicolor. The flowering stalks erect, stout, exceptionally tall, and well-branched. The blooms are large, open, and of firm texture. (Sand.)

35 cents each. \$3.50 per dozen.

- 88 **SOUV. DE MME. GAUDICHAU**—Color effect a violet, brilliant black-purple bicolor. The growth of this variety is rampant, the stalks are tall and well-branched, and the blooms are of extra size, substance, and brilliancy. It is a striking and remarkably early sort. (Sand.)

75 cents each.

SUNSET—The standards are real old gold, finely arched and of good substance; the falls are copper yellow, with violet and brown. It is a fascinating mixture of real pastel shades. A fine, strong grower, exceedingly free flowering, 3 to 3½ ft. tall. (Quality Gardens.)

\$1.00 each.

- 65 **VICTORINE**—Color effect a white-flecked, brilliant purple bicolor. This plant is interesting for its distinct marking and its graceful stems. (Sand.)

35 cents each. \$3.50 per dozen.

- 73 **WALHALLA**—S. lavender. F. wine-red. An intermediate.

30 cents each. \$2.50 per dozen.

- 80 **WHITE KNIGHT**—Color effect a clear white self. The blooms are freely produced and have long, broadly-waved standards, and falls which flare to the end of the beard and then droop. The odor is very strongly scented iris. This makes a good cut flower. (Sand.)

50 cents each.

- 72 **WYOMISSING**—Color effect a light pink veined self. Its flowering stalks are freely produced, erect and well and short-branched. The delicately-colored, open blooms are of fair size, frail to firm texture, and delicate color. (Sand.)

30 cents each. \$2.50 per dozen.

- 74 **ZILIA**—Large flowers. S. and F. a uniform shade of dark lavender blue, overlaid rose. Lovely. (Quality Gardens.)

\$1.00 each.

(N. B. See our special list of Perennial Transplants on Pages 31-32)

Perennial Plants

We believe that our effort to build up an interesting collection is meeting with success. Such a collection must take years of constant, patient effort before the goal is reached. It is a far more difficult and far more interesting task than merely to accumulate a collection of the everyday run.

We call special attention to our varied Sedums. We feel that we are offering a wonderful variety in this genus. We are not yet satisfied, however, and hope to add materially to this group during the year.

Unless otherwise noted, 30 cents each, \$2.50 per dozen.

Where price is \$2.00 per dozen, 30 cents is the charge for a single plant. Where price is \$3.00 per dozen, 35 cents is the charge for a single plant. Where price is \$3.50 or \$4.00 per dozen, 40 cents is the charge for a single plant. Where price is \$4.50 or \$5.00 per dozen, 50 cents is the charge for a single plant.

Dozen prices not good for less than six of a variety.

The given price is always the dozen price unless otherwise noted.

These prices refer, of course, to young plants or divisions of older ones where division is practicable. If you are interested in larger plants we will quote prices on same if we have them in stock.

All prices subject to change without notice.

Look over our List of Transplants immediately following our regular list. Many good plants may be purchased from that list at a considerable saving.

ACHILLEA filipendulina (Golden Yarrow)—“The Achilleas have proven themselves some of the most desirable plants for the garden, mainly because of their exceedingly free, yet graceful habits of growth.” (Hottes.) This is a yellow flowered variety, growing 4 to 5 ft.

— **ptarmica, Boule de Neige (Double White)**—Flowers borne in heads. Centers of the flowers are fuller than those of the Pearl, making it appear of a purer color. 2 feet. Good for a cut flower.

— —, **Pearl**—Larger flowers than Boule de Neige. 2 feet. June-September.

— **tomentosa (Wooly Milfoil)**—A yellow variety, growing but a foot high.

ACONITUM fischeri wilsoni (Wilson's Monkshood)—The Aconitums are suited for woodlands, places under trees, and semi-wild gardens. Flowers are showy and of various colors. This variety grows 6 feet, blooming in September with pale blue flowers. (\$5.00.)

ADONIS amurensis fl. pl. (Birdseye)—“It is difficult to find a bright flowered plant which blooms as early as does the Adonis. The flowers are a bright and deep yellow, resembling large Buttercups with finely cut, rather ornamental foliage.” (Hottes.) This variety blooms in April. About 1 foot. Rock garden and border plants. (\$5.00.)

AJUGA genevensis (Geneva Bugle)—A superior carpet or edging plant, especially in the shade. Recommended for rockeries, but we only advise it in rockeries of considerable size as it is a very vigorous plant. Blue flowers.

ALTHAEA rosea, h. v. Allegheny (Hollyhocks)—This is a new strain of enormous fringed single and semi-double flowers. (\$3.00.)

— —, **single mixed.** (\$3.00.)

ALYSSUM—“Are indispensable plants for the rock garden, especially where plants are needed to droop over the rocks. They are planted along sidewalks, in hanging baskets, and as groups or edges for the border.” (Hottes.)

— **argenteum**—Silvery foliage, with yellow flowers. Blooms all summer.

— **saxatile compactum (Dwarf Goldentuft)**—Fine for rock gardens, especially for drooping over rocks. Blooms in early spring.

ANCUSHA italica (Italian Bugloss), h. v. Dropmore—Dropmore variety. A strong-growing, blue-flowered plant. Suitable for heavy backgrounds. Flowers during May and June. 3 to 5 feet. (\$3.50.)

ANEMONE hupehensis—“A new species from central China resembling a miniature Anemone japonica in growth, with pale mauve-colored flowers which appear in early August and continue to late fall. 1 foot.” (Bobbink & Atkins.)

- *japonica* (h. v. **Queen Charlotte**)—Strong grower. Has large, semi-double, pink blooms. Fall flowering.
- —, (h. v. **rosea superba**)—Single flowers of a silvery rose. Free bloomer. (\$3.00.)
- *pulsatilla rubra*—The beautiful dark red form of the Pasque Flower. For the spring border. 1 foot. (\$3.00.)
- *sylvestris* (**Snowdrop Anemone**)—Large, sweet-scented. White blooms are tinged with lavender. Spring. 1-1½ feet.
- [*vernalis*]—A dwarf hairy plant with pale purple flowers. 6 inches. (\$5.00.)
- ANTHEMIS tinctoria** [kelwayi] (**Kelway Camomile**)—A sturdy, bushy plant with fine cut foliage. The daisy-like yellow flowers are borne profusely from June until fall. Does well in poor soil.
- AQUILEGIA caerulea hybrida**, Farquhar's long-spurred—The beauty of the Columbine needs no encomium. Each bloom, with colors exquisite as the shells of the sea, speaks for itself.
- — —, **Gold Medal Strain**. (\$3.00)
- — —, **Rainbow mixture**.—A particularly beautiful selection of the long-spurred hybrids from an English source. (\$3.00)
- *chrysantha* (**Golden Columbine**)—A very good species. Fragrant yellow blooms profusely produced.
- *flabellata*—Dwarf habit with pure white flowers. Early. A fine species for the rockery.
- *formosa truncata*—Reddish orange. Very showy. 2 feet. (\$3.00)
- — — [*hybrida*]—An excellent plant; red spurs, yellow mouth.
- ARABIS alpina** (**Alpine Rockcress**)—Blooms soon after the snow disappears. Small, white flowers with four petals. It makes a very showy mass in the rock garden or border.
- [*rosea* of Thompson and Morgan]—Very dwarf type with abundance of rose-colored flowers.
- ARENARIA montana** (**Mountain Sandwort**)—A charming rock plant, with large white flowers in April and May. (\$3.00.)
- *verna* [h. v. *caespitosa*] (**Moss Sandwort**)—Makes dense moss-like masses. White flowers all summer. (\$3.50.)
- ARTEMISIA abrotanum** (**Southernwood**)—An old-fashioned border plant with yellowish-white blooms. Leaves are a handsome dark green and are pleasantly scented.
- ASCLEPIAS tuberosa** (**Butterfly Weed**)—A very showy orange milkweed. July and August.
- ASCLEPIODORA decumbens** (**Antelope Horns**)—Introduced from the Southwest. "Many spreading, narrow-leaved stems, each ending with a large hemispherical head of geometrically-perfect, sweet-scented, greenish-cream flowers with purple hoods." (Bridwell Bros.) (50 cents each.)
- ASTER**—Without doubt one of the most satisfactory fall flowers we can grow in our climate.
- *alpinus* (**Blue Mountain Daisy**)—Contrary to the general rule, this aster blooms in May and June. Excellent for the rockery. (\$3.00.)
- — *albus magnificus*—White flowers. Early. (\$3.00.)
- *amellus*, **Beauty of Ronsdorf**—Very large flowers, beautiful lilac rose. Late summer. 2 feet. (\$7.50.)
- *laevis* (**Smooth Aster**)—Lilac lavender. Neat graceful habit. October. 4 feet.
- *novae-angliae* (**New England Aster**), **Lil Fardel**—Large, rich, clear pink. 4 to 5 feet. August to September.
- —, **Mrs. F. W. Raynor**—Large purplish-crimson. 4 feet.
- —, *roseus*—Bright purplish-mauve. 4 feet.
- —, **Ryecroft Pink**—Bright rosy pink. 4 to 5 feet. September to October.
- *novibelgi*, **Climax**—One of the best. Very showy with its large lavender blue blooms. 5 feet. (30 cents each.)
- —, **Liege**—Large soft rosy pink. September and October. 2½ feet.
- —, **Robinson, V. C.**—Mauve. Double flowers. 4 to 5 feet. September to October.
- —, **St. Egwin**—We find this an extremely valuable variety. Very dense, bush-like plant with pink blooms. 3 feet. September to October.

- —, **White Queen**—One of the best whites. September. 4 feet.
- **tataricus**—A very late aster, its bluish-violet flowers not coming till October and November. 5 to 6 feet. (\$3.00.)
- **miscellaneous varieties.**
- — **No. 3**—An aster from the Southwest, name unknown to the firm sending it to us. Very dwarf with good-sized violet-blue blossoms. Dry rockeries. Late summer to freezing weather. (\$3.00.)
- —, **Brussels**—Very large, light, lavender-blue. 4 feet. (30 cents each.)
- —, **Chaterham Gem**—(30 cents each.)
- —, **Emilie Thoury**—Light ageratum-blue. 3 feet.
- —, **Ghent**—Large soft lilac-mauve. 3 feet.
- —, **mauve cushion**—The Japanese hardy aster. Makes a circular cushion-like plant 30 inches across, 9 inches high. Flowers mauve, with silvery white reflection, measuring over 1¼ inches in diameter. Blooms begin to unfold in early October. (\$4.00.)
- —, **Mrs. C. L. Hutchinson**—(30 cents each.)
- —, **President**—Large light bluish-violet. 4 feet. (30 cents each.)
- —, **Trouvaille**—Semi-double bright mauve-pink. 3 feet. (30 cents each.)
- ASTILBE**, mixed—Many branched feathered heads of flowers during June and July. (\$4.00.)
- BAPTISIA australis (Blue Wild-Indigo)**—Strong growers, flowers on 6-inch spikes. 3 feet high. Dark blue. Blooms in June.
- BOLTONIA asteroides (False Chamomile)**—A five to seven-foot plant bearing thousands of aster-like flowers. Very desirable in the back of large perennial borders. August-October.
- **latisquama nana**—A *Boltonia* only two feet tall! Pinkish-lavender flowers. Very desirable. August-September.
- BUPHTHALMUM salicifolium**—A composite with yellow flowers. A neat border plant growing 2 feet. (35 cents each.)
- **speciosum**—A showy Hungarian species, bold foliage, yellow flowers. 5 feet. (\$3.50.)
- CALAMINTHA alpina**—A very pretty dwarf plant, purple flowers. 6 inches. June.
- CALIMERIS incisa**—Very much worth while. Looks like an aster but begins to bloom in July, continuing through August. Light blue. 2 feet.
- CALLIRHOE [digitata] (Winecup)**—Tuberous root. Leaves palmate. Cup-shaped, dark-red flowers. Spring and early summer. 12 to 18 in. (\$3.50.)
- CALLUNA vulgaris (Heather)**—An excellent plant for the rockery where correct conditions obtain. (50 cents each.)
- CAMPANULA**—"There is hardly a group of flowers which possesses such rare beauty as does the large genus of *Campanulas*. All of them are desirable and seem to just fit in their various places from the formal border to the rocky ledges of the woods. Most of them bloom during June and July." (Hottes.)
- [**elegans**]—Lilac flowers of excellent form. For borders and rockeries. 1½ feet. All summer.
- **grosseki (Grossek Bellflower)**—Neat, bell-shaped, violet flowers in long racemes all summer. 2 feet. (\$3.00.)
- **medium (Canterbury Bells)**—We carry the single blue.
- — **gigantea (Thompson and Morgan's new giant Canterbury Bells)**—A strain of high merit flowers extra large. Great variety. (\$3.50.)
- [**petiolata (Mountain Bluebell)**]—"Several erect slender stems with small linear leaves and showy clusters of deep blue bell shaped flowers an inch or more long. Summer till frost. In cool location." (Allan & Bridwell.) (\$4.00.)
- CENTAUREA dealbata (Persian Centaurea)** — Distinct bright rose-colored flowers. July-September. 1½ feet.
- **macrocephala (Globe Centaurea)**—Perhaps the showiest of the perennial centaureas. The yellow thistlelike flowers are very large. Plant erect, somewhat spindly, stiff stems.
- **montana (Perennial Cornflower)**—Deep blue. 1½ feet. June to September.

- CERASTIUM tomentosum** (Snow-in-Summer)—Low-growing, with silvery foliage. White flowers in June. Invaluable for the rockery and as an edging plant. Fine as a covering for graves or steep bank. Any soil.
- CHELONE lyoni** (Pink Turtlehead)—A late summer plant, beginning to blossom about the middle of August. About 3 feet tall with rose-purple flowers. Flowers are inflated and long tube-shaped, somewhat like Snapdragon.
- CHRYSANTHEMUM arcticum** (Arctic Daisy)—One of the best fall perennials. White flowers somewhat tinged rose or lilac, 2 inches across. 1 to 1½ feet. September-November.
- **coccineum** (Pyrethrum or Painted Lady)—Main crop in June, but if they are not allowed to go to seed, will bloom more through the summer and autumn. The fernlike foliage is very attractive. Our stock is ordinarily sold under the name of *Pyrethrum hybridum*.
- **Florence Shadley**—Beautiful pink. An excellent cut flower. (\$5.00.)
- **coreanum** (Korean Chrysanthemum)—With us we find the location of this plant has a great deal to do with its success. A sheltered southerly exposure, somewhat shady, gave fine results. The foliage is much more attractive than that of the ordinary hardy chrysanthemums, being a bright glossy green. The flowers are single, of a light flush pink.
- **maximum** (Shasta Daisy), h. v. **Avalanche**.
- **h. v. Burbank hybrids**. (\$3.50.)
- CONVALLARIA majalis** (Lily-of-the-valley)—Plant in shady places.
- COREOPSIS lanceolata** (Lance Coreopsis)—A profusely flowering plant for the hardy border. Blooms continuously and is good as a cut flower. Yellow.
- **h. v. grandiflora fl. pl.**—We do not call this a true double, but it is a good heavy single and semi-double. (\$3.00.)
- **rosea**—A nice little plant. About 1 foot. Rosy-pink flowers and fine leaves.
- CRUCIANELLA stylosa** (Crosswort)—Pink flowers in large heads. A pretty trailer for dry banks or rocks. June-September.
- DELPHINIUM**—One of the best groups of plants available. It is hard, if not impossible, to find anyone who does not admire their beautiful shades and stately growth.
- [**geyeri**] (Geyer Larkspur)—Very showy flower of the foothills with grayish foliage and long spikes of most intense blue; flowers in June. Easily cultivated; suitable for dry ground, non-acid soil. (Andrews.) (Fifty cents each.)
- **grandiflorum chinense** (Slender Larkspur)—Finely-divided leaves. Short stems. Gentian-blue or white (alba).
- **h. v. Belladonna**—Turquoise blue. This plant needs no introduction. An old favorite. Do not allow it to go to seed and you will have flowers till frost.
- **h. v. F. C. Burns**—"Has a beautiful silvery sheen and cannot be excelled for decorative purposes." (Piper.) (\$4.00.)
- **h. v. Hoodacres**—A very fine strain. \$5.00.)
- **h. v. Sir D. Haig**—The flowers are very large, color deep-purple and blue, while the spike is enormous. (\$3.00.)
- **h. v. Vanderbilt strain**—A wonderful collection of shades and forms. No one will make any mistake in buying these beautiful hybrids to beautify his home. (\$5.00.)
- DIANTHUS** (Pinks)—They are numbered among the best of the old-fashioned favorites.
- [**arenarius**]—Flowers pale purple, fringed. A good rock plant. 5-8 inches. July-September. (\$3.00.)
- **barbatus, double mixed**. (Double Sweet William)
- **—, mixed** (Sweet William)—An old favorite.
- **—, h. v. Newport Pink**—An excellent variety.
- **caesius** (Cheddar Pink)—Pretty bright pink flowers, a lovely plant for the rock garden, dry banks and similar places. (\$3.00.)
- **caryophyllus** [**margaritae**] (Margaret Carnations)—Interesting class. Various shades. Very showy. Double. (\$5.00.)
- **plumaris, mixed**. (Grass Pink, also called Garden Pink)—Very fragrant with fringed or jagged petals. Colors vary from white to bright scarlet, and are very dainty.
- [**speciosus**]—Lilac-pink. 6 inches. July-September.

- **superbus** (**Lilac Pink**)—Flowers soft lavender, fringed; very fragrant. 1-1½ feet. June-August.
- DICENTRA spectabilis** (**Bleeding-Heart**)—An old-time border plant and one of the prettiest. 1½ feet. April-June. (\$5.00.)
- DICTAMNUS albus** (**Gas Plant**)—Extremely desirable. It takes a number of years to form a good-sized clump but is well worth it. It has large trusses of white flowers that are excellent for cutting. Suitable as a border or specimen plant. These were planted in the fall of 1927. (\$5.00.)
- DIGITALIS ambigua** (**Yellow Foxglove**)—Yellow, marked with brown. 2-3 feet. July. (\$3.00.)
- **purpurea** (**Foxglove**)—An old biennial but well worth while. (\$3.00.)
- DISPORUM acre**—(50 cents each)
- DORONICUM caucasicum** (**Leopard's Bane**)—A large yellow daisy-like bloom in May and June. 12-18 inches. Very good. (40 cents each.)
- **plantagineum excelsum**—Here is a wonderful variety with blossoms 4 inches across. Begins to bloom in early spring and continues through the summer. Excellent for cutting. Splendid for the border. (40 cents each.)
- ECHINACEA purpurea** (**Giant Purple Cone-Flower**)—Flowers about 4 inches across; peculiar reddish-purple with a large brown cone. July to October. 3 feet. (30 cents each.)
- EPIMEDIUM [bicolorum]** (**Barrenwort**) — Of the Barrenworts as a whole Hottes writes: "If they are picked close to the ground when the leaves are mature, they will last at least two months in water. They are good for pot plants and for the border where they should really be planted in masses in order that their delicate flowers may be appreciated. They are excellent plants for the rockery." May-June. 9 inches. This variety is rosy brown. (40 cents each.)
- **macranthum**—Cream-white, waxy. 5-10 inches. April-May. (\$3.50.)
- **niveum**—Snow-white. April-July. (\$3.50.)
- **sulphureum**—Pale yellow. Dwarf. April-July. (\$3.50.)
- ERICA carnea** (**Spring Heath**)—An excellent little evergreen for the rockery. Nodding, bell-shaped flowers along the stems. 6 inches. (50 cents each.)
- ERYNGIUM planum** (**Sea Holly**)—Steel blue. 2 feet. Useful for cut flowers or to dry for winter. (\$3.50.)
- EUPATORIUM aromaticum melissoides** (**Melissa Thoroughwort**)—Sometimes called *E. fraseri*. White, fine for cut bloom.
- **coelestinum** (**Mist-flower**)—Myriads of small, fluffy, azure-blue flowers. Blooms in August and September. 2 feet.
- **urticaefolium** (**Snow Thoroughwort**)—Sometimes called *E. ageratoides*. Pure white flowers. 4 to 5 feet tall.
- GAILLARDIA aristata** (**Common Perennial Gaillardia or Blanket Flower**)—Sometimes called *G. grandiflora*. A well-known showy plant.
- **—, Copper Red**—We have found out that this varies from seed considerably. However, we have secured cuttings from one or two of the best plants. These are of a very excellent color. (\$3.00.)
- **—, Ipswich Beauty**—Described in an English catalogue as the largest and best-colored variety. (\$5.00.)
- **—, Portola**—Petals a good red, just tipped with yellow. (\$4.00.)
- GALIUM boreale** (**Northern Bedstraw**)—Fine white flowers.
- GENTIANA [freyniana]**—Bright blue flowers. 6 inches. (\$10.00.)
- **[phlogifolia]**—Dark blue flowers. Creeping. (\$10.00.)
- **[walujewi]**—White flowers spotted blue. 6 inches. (\$10.00.)
- GEUM chilcense** (**Chiloe Avens**) Mrs. W. J. Bradshaw—Very large flowers, 1½-3 inches across. Petals bright crimson. Good for borders and rockeries. (\$3.50.)
- **[Orange Queen]**—An orange companion for Mrs. Bradshaw. (\$3.50.)
- [GRINDELIA robusta]** (**Gum Plant**)—Coarse foliage. Large yellow composite. Buds white and gummy. (\$5.00.)
- GYPSOPHILA paniculata** (**Baby's Breath**)—Semi-double—Following the single variety, this makes a very good plant for the cutting garden or perennial border. Very large plants. (\$8.50.)

- —, single—Forming a film of white, it should be planted amongst other flowers. A nice cut flower to lighten up all sorts of floral arrangements. Very large plants. (\$7.50.)
- —, fl. pl.—**Bristol Fairy**—An excellent strain. (\$10.00.)
- —, fl. pl.—**Ehrlei**—A very beautiful double Baby's Breath. (\$10.00.)
- —, fl. pl.—**from seed**—As these are from seed they cannot be trusted to come true. (\$3.50.)
- —, fl. pl.—**grafted**—These are very fine grafted stock. We have them in two sizes. (\$10.00 and \$5.00.)
- **repens (Creeping Baby's Breath)**—A very excellent plant for the rock garden. July.

HELENIUM autumnale (Sneezeweed)—Very useful in the large border for fall effect. Excellent for planting among shrubbery. This variety is yellow.

- —, **Riverton Beauty**—A rich lemon yellow with a purplish-black cone. 5-6 feet. (\$3.50.)

HELIOPSIS (Orange Sunflower)—Good for cutting both as to length of stem and lasting qualities. Borders or dry situations.

- **helianthoides pitcheriana**—Single flowers of a deep golden yellow. 2-3 feet. July-September.
- **scabra zinniaeflora**—Flowers large deep yellow and very showy, free and continuous bloomer. (\$3.00.)

HEMEROCALLIS (Day Lily)—A very desirable group of plants. Blooms freely. Useful for naturalizing. Good in the border or amongst shrubbery.

- **aurantiaca major (Great Orange Day Lily)**—Very large orange-yellow flowers, shaded brown. July-August. 2 feet.
- **citrina (Citron Day Lily)**—Pale lemon-yellow flowers and a tall grower. July-August.
- **dumortieri (Eary Day Lily)**—Bronze yellow on outside and a rich yellow within. 2 feet. May and June.
- **flava (Lemon Day Lily)**—Sweet-scented, clear yellow flowers. 3 feet. June.
- **flava [major]**—Large, fragrant, lemon-yellow. 3 feet.
- **fulva (Tawny Day Lily)**—Orange. 2-3 feet. July-August.
- **fulva fl. pl.**—Double. Odd and interesting.
- **luteola (Golden Day Lily)**—Orange-yellow large flowers. 2½ feet. July.
- **middendorffi (Amur Day Lily)**—Rich golden-yellow flowers. 2-3 feet. June and July.
- **thunbergi (Japanese Day Lily)**—Lemon-yellow, fragrant. One of the best kinds. A late bloomer. 3 feet. August.
- **hort. var. Apricot**—Apricot-yellow. 2½ feet. June.
- — — **Aureole**—Deep yellow. 2½ feet. June.
- — — **Dr. Regal**—Dark yellow. 2 feet. June-July.
- — — **Florham**—Deep yellow. 3-4 feet. July.
- — — **Gold Dust**—Orange. 3 feet. June.
- — — **Sir Michael Foster**—Large-flowered. (\$7.50.)
- — — **Sovereign**—Dark orange. 2-3 feet. June and July.

HESPERIS matronalis (Sweet Rocket) — Well-known, old-fashioned flower. For use in the border.

- **nivea**—"A very rare Dame's Violet known to botanists for some time but which has just recently been introduced to cultivation. Pure white flowers during May and June. The racemes, when fully expanded, are about 1 foot long. The flowers are very sweet-scented. It is a handsome new perennial for the herbaceous border; height 2 feet." (\$3.50.)

HEUCHERA brizoides (Pinkbells)—Pink flowers in graceful sprays. 1½ feet. May-September. (\$3.50.)

- **sanguinea (Coralbells)**—The evergreen leaves resemble geranium leaves. The delicate flowers of a bright coral-crimson are borne on a graceful stalk. Excellent among shrubbery and in the rock garden. (\$3.00.)
- —, **Flambeau (Coralbells)**—This new variety has reddish flowers and is excellent for rockery and shrubbery work. (\$5.00.)
- — **splendens**—More of a coral pink color. (\$3.50.)

- HIBISCUS moscheutos**, giant hybrid mixed (Marsh Mallow)—These tropical appearing plants have a range of color from white to crimson. Flowers several inches across. Too large for the ordinary garden border.
- HOLLYHOCKS**—See *Althaea*.
- INULA glandulosa** (Fleabane)—Yellow, small flowers. Very showy. 8 in. July-September. (\$3.00.)
- KNIPHOFIA foliosa** (Sword Torch Lily)—Strong growing and thick stalked. Blooms late in May with spikes 10 to 12 inches long. Orange-red at first, but yellow on bottom half as bloom matures. We found this variety very hardy with a light covering. (\$3.00.)
- *uvaria grandis* (Red Hot Poker)—Any ordinary garden soil, but responds well to good treatment. Should be given protection, or else stored over in sand in a cool cellar. August to October. Spikes a rich orange-scarlet, 3 to 4 feet above the ground. (\$3.00.)
- LATHYRUS latifolius** (Perennial Pea) (*h. v. Pink Beauty*)—Similar flowers to the Sweet Pea, on many-flowered stems. Very desirable. This variety has deep rose flowers. 3 feet. June-August. (35 cents each.)
- — (*h. v. Rose Queen*)—Bright pink. 2 feet. June-August. (35 cents each.)
- — (*h. v. White Pearl*)—Pure white. Double the size of ordinary Lathyrus. A beautiful subject. 2-3 feet. June-August. (40 cents each.)
- LAVANDULA officinalis** (Sweet Lavender)—An old-fashioned favorite. Long spikes of blue lavender flowers. Borders, dry banks, rock gardens.
- LEONTOPODIUM alpinum** (Edelweiss)—A very hardy, distinctive plant. 5 inches. June-July. (\$3.50.)
- LIATRIS ligulistylis** (Rocky Mountain Blazing Star)—A dwarf early kind. Very large showy heads, rosy purple or pale lilac. (\$3.50.)
- *pycnostachya* (Cattail Gayfeather or Blazing Star)—Large spikes of light rosy-purple flowers in July and August. 5 feet.
- LILIUM**—The following will be supplied as plants from our perennial gardens.
- *auratum* (Goldband Lily)—The best known variety. White with gold bands and spotted maroon. 3½ to 6 feet. July-August. (\$3.50.)
- *auratum platyphyllum*—The largest *auratum*. Broader petals and spotted yellow. (\$5.00.)
- *candidum* (Madonna Lily)—Pure white. 3-4 feet. June-July. (\$4.00.)
- *henryi* (The Orange Speciosum)—Rich orange with green bands. 5-6 feet July-August. (\$7.50.)
- *regale*—White, yellow in throat; outside of petals shaded pink. 3-5 feet. July. (\$7.50.)
- *speciosum magnificum*—Rich carmine on white ground with crimson spots. 4-5 feet. August-September. (\$5.00.)
- LILY-OF-THE-VALLEY**—See *Convallaria*.
- LIMONIUM latifolium** (Bigleaf Sea-Lavender)—Very desirable. Flowers may be dried as everlasting, and lend the lightness to a bouquet that Baby's Breath does. Small lavender-blue flowers in large clusters.
- LINUM lewisii** (Prairie Flax)—Pretty blue with pale blotches, fragrant. 3 feet. (\$5.00.)
- LOBELIA cardinalis** (Cardinal Flower)—Tall spikes of intense scarlet blooms. 3 feet. July-August.
- *fulgens* (Mexican Lobelia), *h. v. Huntsman*—Majestic spikes of glowing scarlet. (50 cents.)
- LUPINUS** [*nootkatensis*]—Blue, rose and yellow. An excellent dwarf species. 2 feet. (\$7.50.)
- *polyphyllus*—Blue. (\$3.00.)
- —, *Rose Queen*—A beautiful rose-colored Lupine. (\$5.00.)
- LYCHNIS**—For different places in your garden there are many good varieties. All are used for cut flowers, in perennial borders and rock gardens. Period of bloom of the genus extends over the summer months.
- *alpina*—Red-purple; neat plant for the rockery. 6 inches. April.
- *chalconica* (Maltese Cross)—Heads of brilliant orange-scarlet in June and July. 2-3 feet.
- — [*alba*] (London Pride)—White.
- *flosjevis* (Flower-of-Jove)—Flowers bright purple, shaggy foliage. Neat plant for the border. 1½ feet. (\$3.50.)

- *haageana*—Single orange-scarlet flowers of large size. A spectacular flower. 1 foot. May-June.
- *viscaria splendens* (**German Catchfly**)—Spikes of double rose-pink fragrant flowers. There is a curious viscid area on the stem below the flowers.
- — — fl. pl.—An excellent variety with double crimson flowers.
- LYSIMACHIA nummularia** (**Moneywort**)—Makes a dense carpet under trees or shrubs where grass will not grow. This makes a fine plant for the winter hanging pot indoors.
- LYTHRUM salicaria roseum**—Large spikes of rose-colored flowers. 3-4 feet. July-September.
- MENTHA requienii** (**Requien Mint**)—Forms a dense green carpet of fragrant foliage. A wonderful plant for sides of pathways in the rock garden. Spreads quickly. (\$5.00.)
- MENZIESIA [polifolia]** (**Connemara Heath**)—Dark green leaves. Drooping, purple flowers in spikes. 1½ feet. July-September. (50 cents each.)
- MICROMERIA douglasi**. (50 cents each.)
- MONARDA didyma** (**Oswego Tea or Beebalm**)—Compact heads of bright red flowers. 3 feet. June-August.
- — — hort. hybrids.—Various shades of lavender. Showy, growing 4 feet. July-August.
- MYOSOTIS [hybrida, Ruth Fischer]**—A first-class forget-me-not. Brilliant light blue, flowers extra large.
- OENOTHERA brachycarpa** (**Twisted Sundrops**)—Rosette plant for limey soil on dry slopes. A succession of stemless 4-inch yellow flowers are borne. These age to an orange-scarlet. (\$3.50.)
- *fruticosa youngii*. (**Young's Sundrops**)—Masses of fine yellow. Continuously blooming. Likes moisture. Easily grown. 1½ feet.
- *glauca fraseri* (**Evening Primrose**)—Yellow flowers. Good border plant. Good for exposed places in the rockery. 1 to 2 feet.
- PACHYSANDRA terminalis** (**Japanese Spurge**)—Trailing. 6 to 8 inches high. A fine ground cover either in shade or sun. Glossy foliage. May be used in window boxes.
- PAEONIA**—A favorite always. We feel our selection of varieties will be very satisfactory. We sell standard divisions only.
- *Adolphe Rousseau*—Rating 85. Early mid-season. Very tall and strong. rather loose, sometimes semi-double flowers of deep garnet color. Excellent. (\$1.00 each. \$10.00 per dozen.)
- *Duchesse de Nemours* — Rating 81. Early mid-season. Blossoms cup-shaped, wide guard petals white. Narrower middle petals sulphur yellow with often a marking of green. (75 cents each. \$7.50 per dozen.)
- *Edulis superba*—Rating 76. Very early. Deep rose-pink with occasional crimson marking. (50 cents each. \$5.00 per dozen.)
- *Eugenie Verdier*—Rating 86. A tall free-bloomer. Delicate flesh-center with outer petals of a beautiful satiny sheen. Mid-season. (\$1.25 each. \$12.00 per dozen.)
- *Felix Crousse*—Rating 84. Mid-season to late. Compact bloom of large size and good form. Deep ruby red, center somewhat deeper. Choice. (\$1.00 each. \$10.00 per dozen.)
- *Festiva maxima*—Rating 93. Mid-season. Very large ivory-white. Appearance rather feathery with a crimson fleck in the center. (75 cents each. \$7.50 per dozen.)
- *Karl Rosenfield*—Rating 88. Brilliant dark crimson. Good form and substance. (\$1.25 each. \$12.00 per dozen.)
- *Livingstone*—Rating 81. Light silvery pink, often flecked with carmine in center. A free bloomer. Compact flowers. (\$1.25 each. \$12.00 per dozen.)
- *Loveliness*—Rating 88. Light pink blooms tinted lavender. Large, flat, full flowers. Late. (\$2.50 each. \$25.00 per dozen.)
- *Marguerite Gerard*—Rating 84. Late. Globular blooms of flesh-pink fading to creamy white showing a ring of gold when fully developed. Strong grower and free bloomer. (\$1.00 each. \$10.00 per dozen.)
- *Mme. de Verneville*—Rating 79. Early to mid-season. White. Center flesh-pink when first opened. Center petals sometimes tipped with carmine. (75 cents each. \$7.50 per dozen.)

- **Solange**—Rating 97. "Extra large flowers with broad rounded petals of such fine form that the flower does not look coarse. Petals waxy white but suffused with a reddish golden light, so that the total effect is such as may be seen on a cloud at sunset. One of the very finest. Late mid-season." (Cherry Hill.) (\$3.00 each. \$30.00 per dozen.)
- **Therese**—Rating 98. "One of the very best and probably the most satisfactory variety in commerce. Vigorous and free-blooming, producing large, flowers of soft shell-pink with lighter center. Stems of medium height and good strength mid-season." (Cherry Hill.) (\$3.00 each. \$30.00 per dozen.)
- **Venus**—Rating 83. Mid-season. Pointed buds, opening into large, compact flowers of shell-pink with a flesh-white collar. A very fine peony. (\$1.25 each. \$12.00 per dozen.)

PAPAVER bracteatum (Great Scarlet Poppy)—Similar to *orientale*, but has very large blood-red flowers shaded orange, not spotted. (40 cents each.)

— **orientale**—The Oriental Poppies make a gorgeous show in the spring. More and more are they coming into favor, not only the older scarlet shade, but the newer colors also.

— — **Brightness**—An excellent variety with bright orange-scarlet flowers. (\$3.50.)

— — **Duke of Teck**—Light crimson. (\$3.50.)

— — **E. A. Bowles**—Delicate shade of apricot, changing to shell-pink. (40 cents each.)

— — **Edna Perry**—Large flowers of a soft salmon-pink. Very popular and a splendid variety. (\$4.00.)

— — **Goldschmidt**—Orange-scarlet flowers of medium size. (40 cents each.)

— — **Grand Mogul**—Deep red flowers with blotches. (40 cents each.)

— — **Joyce**—A striking novelty with beautiful old-rose flowers. (40 cents each.)

— — **Mahogany**—The darkest carmine-purple. (40 cents each.)

— — **Mrs. Perry**—Orange-apricot. A well-known variety and an excellent grower. (\$3.50.)

— — **Olympia**—New double scarlet. (40 cents each.)

— — **Perfection**—(40 cents each.)

— — **Perry's White**—Purest white. (\$5.00.)

— — **Princess Ena**—Lovely salmon-pink; flowers somewhat like a tulip. (\$3.50.)

— — **Princess Victoria Louise**—Soft salmon-rose, shading to blush-rose. (\$3.50.)

— — **Royal Scarlet**—Large flowers of brilliant scarlet with black blotches. (\$3.50.)

— — **Premier Mixture**—An extra fine mixture. (\$3.00.)

PARDANTHUS chinensis—Blackberry Lily—Orange blooms, spotted purple-brown. Foliage in spring very similar to the Iris but the leaves follow up the stem to some extent, and the flowers are lily-shaped, 2 inches across. An unusual and showy plant. (40 cents each.)

PARONYCHIA [dichotoma]—Described from the Southwest whence we introduced it, as follows: "A rare plant from the highest ranges of the Ozarks which has received high praise in the East as a rock plant or cover. It makes a mat of fine grassy leaves with myriads of yellow flowers in autumn." (Shreve.) (50 cents each.)

PENTSTEMON (Beard Tongue)—Beautiful border plants, but do not do as well in the North. Very showy, with long, slender spikes bearing many trumpet-shaped blooms. June through September. Good for cutting and the border.

— **augustifolius (Sky-Blue P.)**—Very dwarf and early. The sky-blue racemes carry a tint of rose in buds and flower tubes. (40 cents each.)

— **barbatus**—A beautiful scarlet, up to 3 feet.

— **grandiflorus (Shell-leaf P.)**—Bluish-green leaves. Beautiful pale lavender flowers of large size. 3 feet. Summer. (\$5.00.)

— **torreyi**—Foliage light green. Stems wiry and thin. Brilliant scarlet flower spikes. 3-4 feet.

- PHLOX amoena**—Very good as a ground coverer, or as a rockery or border plant. 4 inches. A mass of bright pink in spring. (\$3.00.)
- PHLOX [decussata]**—The following are horticultural varieties of *P. paniculata* and *P. paniculata* X *P. maculata*. They are ordinarily called *P. decussata*.
- — **Albion**—Pure white, with a faint red eye.
 - — **B. Comte**—Rich satiny amaranth. (\$3.50.)
 - — **Beacon**—Brilliant cherry-red.
 - — **Bridesmaid**—White, crimson center.
 - — **Clara Benz**—Brilliant rosy-carmine, with white eye and violet halo; medium tall. (40 cents each.)
 - — **Coquelicot**—Orange-scarlet (\$3.00.)
 - — **Elizabeth Campbell**—One of the best. Bright salmon-pink, with lighter shadings and dark red eye. (\$3.00.)
 - — **Graf Zeppelin**—White with red eye. (\$4.00.)
 - — **Imperator**—Brilliant, dark, carmine-red flowers with darker eye. (50 cents each.)
 - — **Johnson's Favorite**—Light salmon-pink with dark red eye. Strong grower. (\$5.00.)
 - — **Lassburg**—An excellent, tall white. Mid-season. Very free.
 - — **Le Mahdi**—Deep velvety purple. (\$3.50.)
 - — **Mrs. Jenkins (Independence)**—White. Free bloomer.
 - — **Mrs. Milly Van Hoboken**—Individual flowers very large. Bright pink with a delicate suffusion of mauve. Free flowering. (\$4.00.)
 - — **Mrs. Noordewick**—Immense heads of bright rosy red florets with white centers. (\$5.00.)
 - — **Nana coerulea**—Lavender blue.
 - — **Thor**—Excellent shade of deep salmon-pink, overlaid with a scarlet glow. Small aniline-red eye. One of the best of its color. (\$3.50.)
 - — **W. C. Egan**—Very large flowers of delicate lilac. (\$3.00.)
 - **divaricata, Lapham, Perry's var.**—Large lilac-blue blooms. Excellent for the rockery or border. 1 foot. (\$5.00.)
 - **glaberrima suffruticosa, Miss Lingard**—One of the very best. Excellent white flowers in June and also in the autumn. Foliage of an excellent habit.
 - **pilosa [splendens]**—New spring-flowering phlox that bears large masses of lilac-rose blooms. May. 1 foot. (\$3.50.)
 - **subulata (Moss Pink)**—Foliage evergreen. An early flowering dwarf pink phlox.
 - — **alba (White Moss Pink)**—Flowers large.
 - — **G. F. Wilson**—Soft lavender. Very good. (\$3.50.)
 - — **ilacina**—Light blue. (30 cents each.)
- PHYSALIS francheti (Chinese Lanterns)**—An interesting plant for its brilliant orange fruits.
- PHYSOSTEGIA virginiana (False Dragonhead)**—Beautiful mid-summer perennial. Forms dense bushes 4 to 6 feet high. Spikes of delicate tubular flowers, bright soft pink.
- — **alba (White False Dragonhead)**—Fine variety.
- [**PHYTEUMA halleri**]—Violet-blue horned flowers. A neat alpine. 6 inches. (50 cents each.)
- [— **scheuchzeri**]—Violet flowers in heads. Very neat species. 1 foot. (\$5.00.)
- PLATYCODON grandiflorum (Balloon Flower)**—Closely related to Campanula. Attractive blue flowers. July to October.
- POLEMONIUM caeruleum [grandiflorum] (Greek-Valerian)**—Large blue flowers. Very ornamental. 2 feet.
- **humile (Dwarf P.)**—Very pretty alpine. Pale blue flowers. Easy to grow. 6 inches.
- POTENTILLA double hybrids, mixed**—Charming plants for the border. June to August. Any soil. Practically all of ours are of a deep red color. 1½ feet. (\$3.50.)
- **nepalensis, h. v. Roxana**—“A charming new variety of this popular border plant with very large flowers of a brilliant salmon color with darker veins towards the base. The ripe anthers with yellow pollen look like golden ornaments on a velvet cushion.” (Thompson & Morgan, England.) (50 cents each.)

- PRIMULA denticulata** (Himalayan P.)—Neat species from Himalaya. Pale violet flowers. 9 inches. (\$3.50.)
- **japonica** (Japanese P.)—Excellent crimson, rose to white in long spikes. Mixed. 2 feet. (\$3.50.)
- **polyantha**—Bunch primroses. Heads of yellow and white blooms. (\$3.50.)
- [**Rudbeckia purpurea**]—See *Echinacea purpurea*.
- **speciosa** (newmanni) (Showy Cone flower)—Dark orange-yellow, with deep purple cone. July to September. 3 feet.
- SALVIA azurea**—A large number of pretty sky-blue flowers in August and September. 3 to 4 feet.
- SANTOLINA chamaecyparissus incana** (Lavender Cotton)—A very beautiful foliage plant for the rockery. In rich soil grows to good size. (30 cents each.)
- SAXIFRAGA**—Here is an extremely interesting group of plants, especially for those who delight in the rock garden. We have a number of interesting kinds at present.
- [athlete]—One of the finest varieties. (\$3.50.)
- **crassifolia** (Leather saxifrage)—A very effective early spring flower. They will grow almost anywhere. Low-growing, attractive foliage with flower clusters of rosy-pink flowers about one foot from the ground. (\$3.50.)
- [Leichtlini]—Rose-colored flowers. 1-1½ feet. April-June. (\$3.50.)
- [macnabiana]—An excellent variety with large white flowers, prettily spotted red. June. 1 foot. (\$5.00.)
- mossy sorts mixed—(\$5.00.)
- [speciosa atropurpurea]—Purplish red. 1-1½ feet. April-June. (\$3.50.)
- SCABIOSA caucasica** (Blue Bonnet)—A choice summer flower of soft lavender-blue on stems 1½ to 2 feet high. Excellent as cut flowers. June to September. (\$3.50.)
- **japonica**—Clear blue flowers, 1 to 1½ inches in diameter. 2-3 feet. June-September. (\$3.00.)
- SCUTELLARIA baicalensis coelestina**—An alpine of dense bushy habit. Abundance of light blue flowers. 9-12 inches. July-August. (\$3.50.)
- SEDUM**—A group in which we are particularly interested. The most varied collection in this region is our aim. Among the very best rockery plants at our command.
- **acre** (Gold Moss)—Very low-growing, with small bright yellow flowers. May-July.
- **acre minor**—Much more slender than the slender acre. (\$3.00.)
- **aizoon**—A fast-growing plant. Clear yellow flowers. 1 foot. July-August.
- [alberti]—Pretty dwarf species, with yellow flowers. (\$4.00.)
- **album** (White Stone Crop)—Very fine variety. 2-3 inches. May-July.
- [anglicum]—White flowers. An exceedingly fast grower. Leaves rounded. Dwarf. (\$3.00.)
- [asiaticum]—Distinct deciduous species. Yellow flowers. Uncommon. **Not offered for sale as it is a recent importation from Europe.**
- [borderi]—Spreading habit. Good for rock gardens. 6 inches. (\$3.50.)
- **dasyphyllum** (Leafy Stonecrop)—White flowers, very small fine foliage. Dwarf. May-July. (\$3.50.)
- **dasyphyllum [glandulosum]**—(\$3.50.)
- [divergens]—Beadlike leaves. Reddish stems. Makes a moss-like covering an inch or more high. (\$4.00.)
- [elegans]—**Not offered for sale as it is a recent importation from Europe.**
- **ewersi**—Rose-colored flowers. Sub-trailing. (40 cents each.)
- [glaucum]—Bluish-green leaves on reddish stems. White flowers. Excellent. **Not offered for sale as it is a recent importation from Europe.**
- **hispanicum**—A pretty little species with pink flowers. 3-4 inches. (\$3.00.)
- [ibericum]—Numerous pink or white flowers. Coarsely toothed leaves. 6 inches. (\$3.50.)
- **kamtschaticum**—A fast-growing distinctive species. Yellow flowers. Trailing habit.
- — [foll. var.]—Variegated distinctive foliage. (\$4.00.)
- **lydium**—Evergreen. Bronze foliage and pinkish flowers. 1-3 inches. June. (\$3.00.)
- **maximowiczi** (Amur Stonecrop)—Like aizoon only, if anything, a better grower. 1 foot. July.

- *middendorffianum*—Brownish-yellow flowers. Serrated leaves. 6 inches. (\$5.00.)
- *moranense*—Rather like *S. anglicum* but stronger. A nice mossy sort. (\$4.00.)
- [*murale*]—Pretty, graceful species. 4 inches. (\$3.00.)
- [*obtusatum*]—Very distinctive succulent rounded leaves. Yellow flowers. 3 inches. (\$3.50.)
- *oppositifolium*—Fast grower.
- [*oregonum*]—The fleshy, flattened leaves are a vivid bright green. One of the close, dense rock covers from the western United States. (\$4.00.)
- *populifolium*—A curious *Sedum*, quite unlike any others we carry. The leaves are bright green, somewhat leathery, and curiously toothed. **Not offered for sale as it is a recent importation from Europe.**
- [*pruinatum forsterianum*]—Bluish-green leaves. Golden yellow flowers in head-like clusters. We know no other variety quite like it. Very desirable. (\$3.00.)
- *pulchellum* (Texas S.)—Small leaves. Triangular heads of pink-white flowers in the spring. An excellent variety. An annual or biennial, but sows itself freely. (\$4.00.)
- *reflexum* (Jenny S.)—Fast grower. Yellow flowers. Gray-green leaves. 1-6 inches. July. (\$3.50.)
- [*rhodiola*]—Bluish rosettes. **Not offered for sale as it is a recent importation from Europe.**
- *roseum*—Single rosettes, bluish-gray, leaves tipped pink, small yellow flowers. **Not offered for sale as it is a recent importation from Europe.**
- [*rupestre*]—Rather like *reflexum*, but larger. Excellent. (\$3.50.)
- *sarmentosum* (String S.)—An excellent yellow flowered trailer. May-July.
- *sexangulare*—Much like *S. acre*.
- *sieboldi*—A slow grower but a very valuable kind. Round, succulent, glaucous leaves. Bright pink flowers in August and September. 9 inches. (\$3.00.)
- [*spathulatum atropurpureum*]—Decorative metallic foliage. Cockscomb-like heads of yellow flowers. 6 inches. (\$4.00.)
- *spectabile* (Showy Stone-crop)—Very pretty. Broad light green leaves and large heads of showy rose flowers. Late fall. 18 inches.
- *spectabile atropurpureum* (Purple Showy S.)—Large gray leaves. Crimson red flowers on tall stems. **Not offered for sale as it is a recent importation from Europe.**
- *spectabile* [Brilliant]—A bright showy amaranth-red.
- *stahli*—An excellent creeping, mossy species. Very fast grower. (\$3.50.)
- *stoloniferum*—Trailer. Flowers purplish-pink in July and August. 6 inches.
- — *coccineum*—Rosy-crimson form.
- *telephium* [*atropurpureum*]—Bold bronze foliage. Large clusters of buff flowers. 1½ feet. August-September. (\$3.50.)
- [*tenuifolium*]—Long leaves. White flowers. (\$5.00.)
- [*wrighti*]—A small species found growing in the crevices of rocks in the higher mountains of the Southwest. Small narrow leaves. Terminal groups of small pinkish-white flowers. (\$5.00.)
- SEMPERVIVUM**—Mixed species—Excellent and interesting plants for the rock garden. (\$2.00.)
- SIDALCEA** [*hybrida*] (Mallow-wort)—Pretty mallow-like flowers. While this strain is supposed to contain pink, rose, red, salmon, lilac and heliotrope, all that have bloomed for us have been pink—possibly a question of hardiness. A beautiful plant.
- SILENE** *schafta* (Autumn Catchfly)—Rosy-purple, trailing, good for rockery or border. June-September. (30 cents each.)
- [**STATICE** *latifolia*]—See *Limonium latifolium*.
- STATICE** *pseudoarmeria* (False Thrift)—Rose and white. Fine border plant. 2 feet.
- STOKESIA** *laevis* (Cornflower Aster)—Early June to September. Flowers measure 4 to 5 inches across and are a bright lavender-blue.
- SWEET WILLIAM**—See *Dianthus barbatus*.
- [**Tellima** *grandiflora*]—Closely related to the *Heuchera*. An excellent plant for rock work in shady places. Ornamental leaves. (75 cents each.)

- THALICTRUM minus adiantifolium** (Maidenhair Meadowruc)—Foliage like the Maidenhair Fern. Small white flowers in June.
- THYMUS serpyllum [albus]**—A very excellent variety with its very fine foliage and white flowers. Not a strong, though a fast, grower. (45 cents each.)
- **serpyllum coccineus**—Mats of dark green foliage and clouds of crimson flowers. June-July. 4 inches. (\$3.00.)
- **serpyllum lanuginosus** (Woolly-leaved Thyme)—A quickly-spreading plant, very nice for rockeries. Flowers reddish pink. 5 inches. June-August. (35 cents each.)
- TRITOMA** (Red Hot Poker Plant)—See **Kniphofia**.
- TROLLIUS europaeus** (European Globe Flower)—Flowers resemble the Buttercup. Lemon-yellow, on long stems. 2 feet. May-June. (\$5.00.)
- —, **Orange Globe**—Flowers orange. (\$5.00.)
- VALERIANA [acutiloba]**—A very charming alpine or rock plant. Succession of flowering stems from very early spring till June. Small white flowers in rather close heads. (\$5.00.)
- VERONICA longifolia subsessilis**—A showy variety and one of the best. Long dense spikes of deep blue flowers mid July to early September. 2-3 feet.
- [**michauxia**]—Excellent species for the herbaceous border. Blue. 4 feet.
- **pectinata** (Comb Speedwell)—Trailing variety with pale blue flowers. May-June. 5 inch. (\$3.00.)
- **spicata**—Excellent plant for borders. Long spikes of bright blue flowers in June and July. 1½ feet.
- **spuria**—Blue flowers in long racemes. A dwarf tufted habit. May-June. 1 foot.
- **teucrium prostrata** (Harebell Speedwell)—Very dwarf with a mass of deep-blue flowers.
- **teucrium [rupestris, Heavenly Blue]**—Dwarf and spreading. (\$4.00.)
- — [—, **Trehani**]—Brilliant blue flowers. 1 foot. May-June. (\$3.00.)
- VIOLA [Alannah]**—A beautiful novelty; a cross between *V. bosniaca* and *V. cornuta*. Flowers are intermediate in color and shape. 6 inches. (\$3.50.)
- **cornuta** (Tufted Pansy)—Pale violet, neat bedding or rock garden plant. Very free. 6 inches.
- — **Cyclops**—A hybrid tufted variety. Color, brilliant deep violet with a very conspicuous white eye. (\$3.00.)
- —, **G. Wermig**—A good-sized blue flower produced freely all summer. An excellent rock plant.
- — **Jersey Gem**—Large and fragrant violet-colored blooms. A fine variety. May-November. (\$3.00.)
- — **White Perfection**
- —, **Yellow Gem**—Clear yellow and free flowering. We consider this an excellent companion plant for Jersey Gem.
- **odorata, Gov. Herrick**—Spring flowers in good numbers of a clear choice shade of blue.
- [**pinnata**]—Violet flowers in abundance. Pretty species. 6 inches (\$3.50.)
- YUCCA filamentosa** (Common Yucca)—Very effective for plantings. Foliage sword-like. Spikes of large, fragrant, drooping, creamy-white flowers, 5 to 6 feet high in June and July.
- — **variegata**—A very interesting form with leaves green and yellow. (\$1.00 each.)

See our list of Perennial Transplants on the following pages.

Perennial Transplants

We have available for the **spring only** of 1929 the following perennial plants from flats. They were grown from seed in 1928 and transplanted once. They have wintered out-of-doors in the flats. The prices, as you will note, are about one-half that of field plants. There are many good buys in the list.

Other lists of this nature will appear in Horticulture from time to time. If these are to be forwarded by parcel post add fifteen per cent to the order total.

Not less than six of a kind at these prices.

All prices are by the dozen. Prices by the hundred will be given upon request on some varieties.

ANTIRRHINUM [*gibraltarium*]**—**An uncommon and pretty species of snapdragon. 1 foot. (\$2.50.)

AQUILEGIA caerulea, Rainbow mixture—(See main list.) (\$1.50.)

— [*californica hybrida*]**—**Fine hybrid with red spurs and yellow mouth. (\$1.25.)

— *chrysantha***—**(See main list.) (\$1.25.)

— [*elegantula*]**—**A very satisfactory columbine from the Southwest. In 1928 it was the first of all our columbines to bloom and it remained in flower over a long period of time. Many red and yellow flowers on a large plant. We saved our own seed from which this stock was raised. (\$1.75.)

ARABIS [*rosea*]**—**(See main list.) (\$1.25.)

ARUNCUS sylvester (**Common Goatsbeard**)**—**Neat border species. Whitish flowers. 4 feet. (\$2.00.)

ASTER amellus, King George—Large flowers in large trusses. Bluish violet. 2 feet. (\$1.75)

— *subcaeruleus* (**India Aster**)**—**Dense tuft of leaves. Leafless stems 12 inches high. Very large bluish-violet flowers. June and July. (\$1.75.)

BELLIS [*rotundifolia caerulescens*]**—**Charming little single daisy. Bluish flowers in abundance. Rock garden plant. (\$1.25.)

CAMPANULA carpatica (**Carpathian Bluebell**)**—**Light violet, erect, large flowers. Dwarf habit. Rock garden plant. 1 foot. (\$1.25.)

— *glomerata dahurica***—**Very showy, rich deep violet flowers in large heads. 1½ feet. (\$1.75.)

— *latifolia* [*eriocarpa*]**—**Very large violet-blue flowers. 2 feet. (\$1.75.)

— *persicifolia*, **Giant hybrids** (**Peachleaf Bellflower**)**—**Narrow leaves. Very showy. Tall. (\$1.50.)

— *pyramidalis* (**Chimney Bellflower**)**—**Blue. Excellent for the border. 3 feet. (\$1.50.)

CENTAURIUM [*diffusa*]**—**Charming little plant resembling a pink *Gentiana verna*. 3 inches. (\$2.50.)

DIANTHUS barbatus, mixed (**Sweet William**)**—**(\$1.25.)

— *caesius* (**Cheddar Pink**)**—**(See main list.) (\$1.50.)

— *caryophyllus* [*margaritae*] (**Margaret Carnations**)**—**(See main list.) (\$2.50.)

— *superbus***—**(See main list.) (\$1.25.)

DIGITALIS ambigua (**Yellow Foxglove**)**—**(See main list.) (\$1.50.)

— *purpurea*, **The Shirley****—**This is a strain of the *Gloxinia*-flowered type and is a magnificent race. (\$1.50.)

GAILLARDIA aristata, Ipswich Beauty—(See main list.) (\$2.50.)

GENTIANA [*freyniana*]**—**Bright blue flowers, dwarf habit. 6 inches. (\$5.00.)

— [*phlogifolia*]**—**Creeping habit, dark blue flowers. (\$5.00.)

— [*walujewi*]**—**Dwarf habit, white flowers spotted blue. 6 inches. (\$5.00.)

GEUM chilense [*Orange Queen*]**—**(See main list.) (\$1.75.)

LUPINUS [*nootkatensis*]**—**(See main list.) (\$3.75.)

— *polyphyllus*, **Downer's Strain, May Princess****—**Rich violet-blue. Massive spike. 3 feet. (\$2.50.)

— —, **Regal Buffs****—**Beautiful shades of buff, amber, etc. (\$2.50.)

— —, **Rose Queen****—**A beautiful rose-colored lupine. (\$2.50.)

— —, **Sunshine****—**One of the finest deep yellows. 2½ feet. (\$2.50.)

— —, **Somerset****—**Hybrid of *L. arboreus* and *L. polyphyllus*. Erect spikes of primrose flowers. 3 feet. (\$2.50.)

- LYCHNIS flosjovis**—(See main list.) (\$1.75.)
- PAPAVER orientale, Premier Mixture**—(See main list.) (\$1.50.)
- PENSTEMON ovatus**—Blue. Rather small but very pretty. 2 feet. (\$2.50.)
- RANUNCULUS gramineus (Grassy Buttercup)**—Neat dwarf species, yellow flowers, narrow leaves. 6 inches. (\$2.50.)
- SIDALCEA candida (White Prairie Mallow)** — Pure white flowers in long racemes. 3 feet. (\$2.00.)
- THALICTRUM minus adiantifolium**—(See main list.) (\$1.25.)
- THERMOPSIS caroliniana**—Tall habit. Very long spikes of bright yellow. 4 feet. (\$1.50.)
- VERONICA gentianoides**—Pretty early border plant. Blue and white flowers. 2 feet. (\$1.50.)
- [*Michauxia*]—(See main list.) (\$1.75.)
- *teucrium prostrata*—(See main list.) (\$1.50.)
- *virginica* [*alba*]—A beautiful plant. White flowers with yellow anthers in long graceful spikes. Strong metallic foliage in whorls. 4 feet. (\$1.75.)
- [*waldsteenii*]—Tall spikes of steel-blue flowers. 4 feet. (\$1.75.)
- VIOLA [bosniaca]**—A distinct alpine species. Small rose-magenta flowers. Very pretty. (\$1.50.)

