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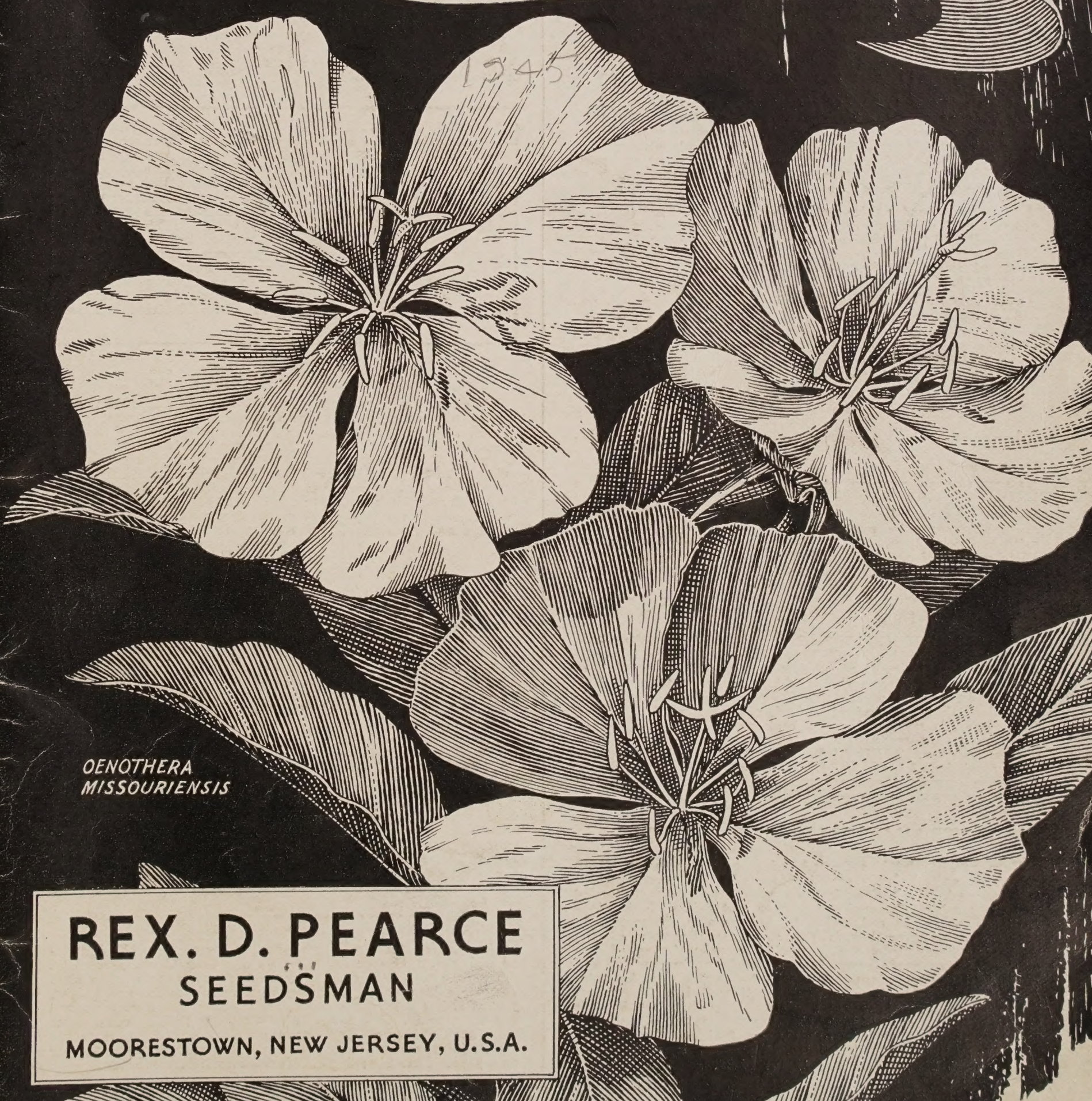
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Department of Agriculture

PEARCE SEEDS,

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PLANTS *and* BULBS

1345



OENOTHERA  
MISSOURIENSIS

REX. D. PEARCE  
SEEDSMAN

MOORESTOWN, NEW JERSEY, U.S.A.

## PLEASE READ BEFORE ORDERING

### (Being Conditions of Sale)

Seeds and bulbs are forwarded as ready. All seeds, but not actual bulbs or live plants, are postpaid. Safe arrival is guaranteed. Goods are offered subject to arrival or harvest. All previous prices are withdrawn. Because of the unstable and unpredictable conditions of the times, I reserve the right to change prices without notice.

I try to send out only good seeds, but I cannot control the conditions under which they are planted. I give no warranty, express or implied, as to description, quality, productiveness, or any other matter, or any seeds, bulbs, or plants I sell, and I will not be responsible for the crop.

Please remit by postal money order if you can. It is a thoroughly safe and inexpensive way of sending money, convenient for both the buyer and the seller. (Be sure, though, that clerk makes out order clearly to Moorestown, for there is another postoffice of similar name in the state). We will accept personal checks in instances, where it is inconvenient to get a money order, providing that an additional ten cents (not 10%) is added to whatever amount would otherwise be that of the check. This ten cents covers our office costs in connection with receipt of check remittances, the fee that our bank charges for handling the check, etc. Sometimes actual currency is sent. That is safe if letter is registered, otherwise risk of loss is responsibility of the remitter.

A minimum order size must be set, for due to fixed charges and packing costs, we actually lose money on the too-small orders. Smallest acceptable seed order is \$1.00. When plants, bulbs or onion sets are ordered, the total value of them for forwarding at one time must be at least \$2.00.

About certain taxes that are, or may be, in effect when your order comes in: please include in your remittance the amount due on your purchase in any applicable tax, whether State or Federal. This includes any sales, use, compensating or other taxes of similar nature that would apply on such purchases.

**REX. D. PEARCE**

**Moorestown**

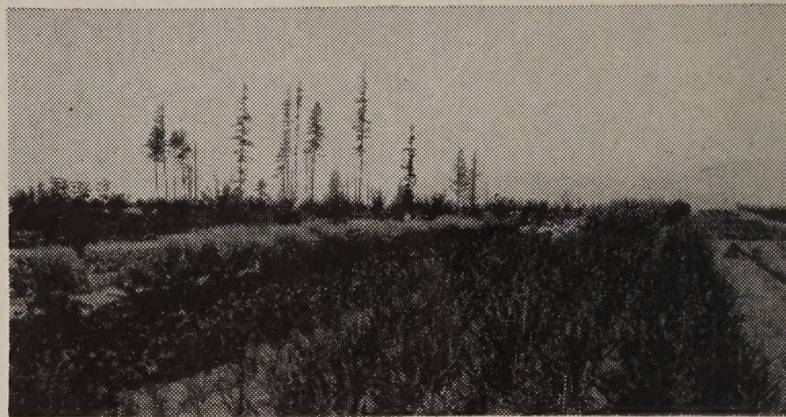
**New Jersey**

**PLANTS AND BULBS BY MAIL**—Seeds are postpaid at catalog prices, but plants and bulbs are not, and will normally be sent by express. If you prefer having plants and bulbs come by mail, will you please add to your remittance for them, 5% for shipments to points east of Pittsburgh and north of the Potomac, 10% for points beyond these limits but still east of the Mississippi, and 15% for destinations west of that river. This additional allowance is to cover postage, and the cost of mail packing. Plants will go safely enough either way, mail or express.

**ABOUT PLANT ORDERS**—Orders for plants offered in this catalog can be handled only to extent that labor is available for the purpose, and it is a definite condition of plant order acceptance that right is reserved to refund or pass credit (choice of customer), on any orders or portions of orders that we find at shipping time cannot be filled. Of course it's no fun to send back money, and you can be quite sure that we are going to try very hard to fill all orders as given. **SAFE ARRIVAL** of plants in good, growable condition **IS GUARANTEED**, providing always that they are examined at once upon arrival, and any request for adjustment made promptly then.

### STRAWBERRIES FROM SEED

Here are Runnerless Strawberries, no runners at all to cut away, and the only practicable method of growing them is from seed. Each plant is a compact, separate tuft, loaded through most of the spring, summer and fall with delicious fruits, these bright red, pointed, medium size, decorative in appearance. Flavor blends the aromatic piquancy of the wild strawberry into the sub-acid honey richness of the garden kinds. Seeds sown in very early spring, while soil is cool, will give plants that will be in bearing by mid-August, continuing here to fruit until well into November. The next spring these same plants start bearing in late May or June, along with the regular types of garden Strawberries, but will keep right on fruiting through the summer and fall. "kt" culture. The seed is fine. Small packets each 25c; 3 for 70c; 10 for \$2.00.



The illustration shows my garden in northern Idaho, but pre-first-world-war, for the photograph was taken in 1910. You see I have been growing things for quite a while now. Actually my gardening days began many years before 1910, in Wisconsin circa 1900.

**VEGETABLE SEEDS.** Our Vegetable Seed Pricelist is this year issued as a special supplement folder under the name **THE GARDEN FOR EATING**. If you are going to plant any vegetables at all, please ask for a copy, but those who ordered vegetable seeds from us last year will not need to do this, for we shall see that they receive a copy anyway. The issuing of the separate vegetable seed pricelist helps us to comply with the War Production Board paper conservation order, by reducing the size of our catalog from the previous 64 pages to the present 48. Of course this is war-temporary; the bigger catalog will be resumed as soon as it is permissible. Meanwhile will those interested in gardening for eating, please ask for their copy of **THE GARDEN FOR EATING**.

### ASPARAGUS IN SPRING

We offer well-grown roots of Washington Asparagus, considered the best of the varieties, for it gives great thick shoots, deliciously flavored, and, too, it is highly resistant to rust. **ONE-YEAR SIZE**, grown on our own farm. This size is preferred by many, since there is likely to be less digging injury. 25 for 75c; 50 for \$1.25; 100 for \$2.25. **TWO-YEAR SIZE**—Excellent commercial grade. 12 for 60c; 25 for \$1.00; 50 for \$1.75; 100 for \$3.25; 250 for \$7.50. These prices are for express shipment. For mail forwarding send regular postage and packing allowance at rates in next column.

### GOOD ONION SETS

We harvested at Old Orchard Farm a fine lot of sets this year, firm, well-grown ones that will give sweet, mild young green onions for your spring table. If you let them grow on they will yield fine large bulbs for salads or for cooking. These are yellow bottom sets, well within standard size gradings. 1 lb. 45c; 2 lbs. 85c 5 lbs. \$1.85. Our prices are prepaid through first three postal zones. Those farther away who desire prepaid forwarding should add five cents per pound. Otherwise we shall understand that shipment by collect express is intended.

### HORSERADISH

The most appreciated of early spring appetizers, the roots ground or grated, then vinegar added. Grown from sections of the smaller roots. From spring planting, one may start using in late autumn, but it is more usual to wait until the next spring before digging. A hardy perennial. Plant sets with small end down. Bundle of 15 for 50c; 50 for \$1.65; 100 for \$3.00; prepaid. In large amounts, ask for special quotation.

### NEW AVALON PEPPER

The Avalon is a miniature Sweet Pepper, evenly button-shaped, about two inches wide by one inch thick, just right for canning, fitting compactly into containers; a nice size, too, for salads or for pickling whole. The fruits are bright, glossy red, altogether smooth, as uniform as though turned out of a mold. The meat is exceedingly thick, as thick as that of California Wonder; skin thin and tender; flavor sweet, juicy, crispy, delicious. Our introduction; first offering this year. Pkt. 25c; 3 pkts. (customer limit) for 70c.

## PLANT FINDER

As a rough aid in picking out species of a particular nature, or suited for a particular purpose, we are using a series of numerals before names. These numerals have nothing to do with the key letters and numerals that appear after names, and that are explained in detail on page 50. Please don't confuse the two. Here is the meaning of the numerals before names.

- 1—An herbaceous perennial, winter-hardy.
- 2—An herbaceous perennial, tender.
- 3—Bulb or bulb-like plant usually grown in garden.
- 4—Bulb or bulb-like plant usually grown under glass, as in window, or conservatory.
- 5—Shrub, woody-stemmed plant, hardy.
- 6—Shrub, woody-stemmed plant, tender.
- 7—Vine, hardy.
- 8—Vine, tender.
- 9—Tree, hardy.
- 10—Tree, tender.

**HARDY**, as used above, signifies that plants can be grown out of doors at Philadelphia. Most such plants can, of course, be also grown outside in climates much more severe.

**TENDER**, as used above, signifies that the species is usually grown under glass in climate of Philadelphia, as a pot plant in windows, or in greenhouses and conservatories. Further south many of these species become easy garden plants. Those gardening in mild climates, as the Gulf states, or California, should scan this group with care. It holds treasures.

**ANNUAL FLOWERS**, one-year kinds that come into bloom within a few weeks after the seed is sown, are indicated by a star or asterisk (\*) before the name.

### This is our 1945 CATALOGUE NUMBER 43A



## LAWN GRASS SEED

We are proud of these blends. Only heavy seeds of high quality go into them. Write for special quotations on large lots.

**AVALON LAWN GRASS**—Our finest blend, made up from high quality seeds of just those grasses that are best fitted to produce a permanent, velvety turf. For the rich, emerald effect, includes a bit of white clover. ½ lb. 35c; 1 lb. 65c; 2 lbs. \$1.20; 5 lbs. \$2.75; 15 lbs. \$8.25.

**EMERALD LAWN GRASS**—Will produce a decidedly satisfactory lawn, long enduring and deeply, evenly green. ½ lb. 30c; 1 lb. 55c; 2 lbs. \$1.05; 5 lbs. \$2.35; 15 lbs. \$6.70.

**OLD ORCHARD SHADE-LAWN GRASS**—A special blend of seeds of shade-tolerant grasses. Useful under trees, in shade of buildings, and in like places. ½ lb. 35c; 1 lb. 70c; 2 lbs. \$1.35; 5 lbs. \$3.10; 15 lbs. for \$8.50.



9 **ABIES CONCOLOR**—kt. The White Fir. Hardy evergreen, quick-growing, desirable. Pkt. 10c; ½ oz. 30c.

\* **ABRONIA UMBELLATA**—erogdx(3-5)5. Fragrant flowers like clustered rose-colored Verbenas. Trailing mats of crispy foliage. Thrives in drought. Pkt. 10c.

2 **ABUTILON**—ew(8) Handsome, free-blooming pot plants. Should be pinched back occasionally. **PICTUM**—Pendant, gold-orange bells, veined crimson. Foliage maple-like, often variegated. 6 seeds for 20c. **MEGAPOTAMICUM**—Bright bells with red calyces, lemon-toned petals. Decumbent tendencies, so useful for hanging baskets, window boxes, etc. 6 seeds, 25c. **INSIGNE**—Large, flaring bells, richly marked and veined red and purple over white. 6 seeds for 25c. **VITIFOLIUM**—Cup-shaped flowers of blue-lavender, anthers yellow. With protection, will winter outside in middle South. Elsewhere, a pot plant. Pkt. 20c. **OFFER 8A55**—One pkt. each of the four for 85c.

6 **ACACIA BLEND**—wj. Flowers usually fluffy balls in yellows that range from palest primrose to richest golden shades. North, grow in large pots or tubs. South, open ground. Pkt. 10c; 3 for 25c.

1 **ACANTHOLIMON GLUMACEUM**—rlkt(2-3)10. Plumelike sprays of soft pink over dense, wide mat-cushions. Cliffs of Mt. Ararat. Pkt. 15c.

1 **ACONITUM UNCINATUM**—The flowers are ultramarine helmets, with flowing ribbons. A half-vine, to clamber over shrubs or upright perennials. 60 inches. Good. Plants, each 35c. *Illustrated page 49.*

1 **ACONITUM WILSONI**—(4-5)80. Spectacular violet blossoms in splendid profusion, the plants like slender towers. September and October. Plants, each 55c; 3 for \$1.50.

3 **ACHIMENES BLEND**—Brilliantly hued, curved trumpets in rather Gloxinia reminder, but with colorings richer, more vivid. Purple dominates, a velvety, violet tone of it, but lavenders and mauves are there, too, with sometimes a white, a carmine, a scarlet, or in contrasting featherings and splashings. Blooms freely from June on. Thrives in garden if not allowed to suffer from drought, and given a trifle of shade, but often grown, too, in pots. Makes tiny tubers. Plant several of them to a pot. Tubers, 3 for 35c; 9 for \$1.00; 20 for \$2.00.

## 3 THE ACIDANTHERAS

From Ethiopia come these decorative summer-flowering bulbs, to be handled in garden and in storage exactly as one would Gladiolus. *Illustrated opposite.*

**BICOLOR**—18 inches. Rich cream with patch of chocolate are the gracefully carried blossoms, these beginning in late summer and continuing through autumn. Bulbs firm, resembling those of Freesia. Spring delivery, 3 for 40c; 9 for \$1.00; 25 for \$2.50.

**MURIELIAE**—24 inches. A bit larger than the last, the flower pure white, the blotch black maroon. Bulb naturally somewhat flaccid. Easy. Some botanists put this species in genus Gladiolus. Bulbs, spring, 4 for 35c; 10 for 85c.

## 1 ACHILLEA

This, the flower of Greek Achilles, has values for rock garden, pavement, terrace, ground cover, and, moreover, it cuts. "kt" culture. **AGERATUM**—Sweet Golden Yarrow. Fluffy dense deep yellow heads. 14 inches. Pkt. 10c. **NANA**—Silvery flowers above aromatic green fur. Pavement or terrace. Pkt. 15c. **BOULE DE NEIGE**—15 inches. Flowers that are clustered tiny snowballs. Long in bloom. Pkt. 20c. **FILIPENDULINA CLOTH OF GOLD**—45 inches. Great, flat heads of rich golden color. A striking plant. Pkt. 15c. **UMBELLATA**—9 inches. Greek species with white flowers and silvery foliage. Pkt. 20c. **TOMENTOSA AUREA**—Flat foliage mats, densely cut, woolly, golden flower-clusters above. Plants, divisions, each 30c; 3 for 85c. **TOMENTOSA SULFUREA**—8 inches. Flower-clusters sulfur yellow. Pkt. 20c. **SIBIRICA**—25 inches. Siberian Yarrow. White flowers, or rarely pink. Foliage finely cut. Can be used as grass substitute. Pkt. 15c; 3 for 40c. **SPECIOSA**—30 inches. Tall, branching, open habit. Flowers white. Pkt. 15c. **PYRENAICA**—14 inches. Leaves slender, dark green, flowers white. A mat-former and good ground cover. Pkt. 15c. **MILLEFOLIUM ROSEUM**—20 inches. Pink Yarrow. Flat flower-heads from pale pink to deep rose. Pkt. 15c. **SERBICA**—9 inches. Silvery rosettes, mat-packed, are set over with myriads of pure white daisies. Edger, or rock garden. Attractive. 8 inches. Pkt. 15c. (Plants, each 35c; 3 for \$1.00. OFFER 10A55—One pkt. each of the 11 for \$1.50.

Understanding comes in the garden.

\* **ACROCLINIUM GIANT MIXED**—ek(3)36. Pink, rose and white, semi-double to double, are the pretty daisies. Will dry for winter bouquets. Pkt. 15c.

1 **ACTEA PACHYPODA**—rstkt(2)24. In spring, feathery, snowy blossoms, followed by enamel-white berries. Pkt. 15c.

1 **ACTINEA HERBACEA**—rltk(8)15. Lakeside Daisy. Highly attractive flowers of tawny yellow over a long season. Desirable rock garden or border perennial. Pkt. 20c (Plants each 35c).

8 **ACTINIDIA ARGUTA**—ekt(2)100. Tara Vine. Desirable hardy climber from Korea. White flowers are followed by sweet, edible fruits like big yellow Gooseberries. Pkt. 15c.

1 **ACTINOMERIS ALTERNIFOLIUS**—enbx(3-4)80. Splendid tall perennial of late summer. Long in bloom, great corymbs of honey-yellow blossoming. Showy. Pkt. 15c; 1/8 oz. 25c. (Plants each 35c).

6 **ADENOCARPUS FOLIOLOSUS**—w(k). Low, dense Canary Island shrublet with racemes of yellow blossoms. Pot culture North, outside in South. Pkt. 15c.

2 **AECHMEA BLEND**—w. Handsome Bromeliads for pot culture. Panicles of showy flowers in rose violet, crimson or yellow, above rosettes of sword-shaped leaves. 6 seeds for 25c.

## 1 ADENOPHORA or SPIRE BELL

In bloom for months, plants like tall campaniles filled with little swaying bells. Sown early, often blooms first year. *Illustrated page 49.*

**ORNATA**—ebx(3-4)25. Slender, graceful plants, filled with china-blue bells, silvery within. Pkt. 20c.

**STRICTA**—ebx(3-4)70. Very like the last, but the bell-filled stemmings may reach six feet. Pkt. 20c.

**FARRERI (Confusa)**—ebx(3-4)36. A gift of Tibetan valley meadows. Skyblue bells with silvery overtones. Pkt. 20c.

OFFER 11A55—One pkt. each of the three for 50c.

## 1 THE AETHIONEMAS

They grow on sunshot cliffs of the Lebanon, on hillsides of Armenia, in creviced ruins of Persia, jewelling column-strewn terraces where ancient kings were proud. rikt(2-3) 6 to 10 inches. Foliage silvery to blue-gray, fine, semi-succulent. **GRANDIFLORUM**—Large flowers in true pink. A delight. Pkt. 20c. **CORIDIFOLIUM**—Flowers pure pink, in wide, dense dome-clusters. Pkt. 15c. **PULCHELLUM**—Mounded blossoms of attractive rose. Pkt. 20c. **SHISTOSUM**—Clusters of purest pink, individual florets relatively large. Pkt. 20c. **STYLOSUM**—Rather large pink flowers, styles long, curved. Pkt. 20c. OFFER 12A55—One pkt. each of the five for 80c. **AETHIONEMA BLEND**—The above, with perhaps others. Pkt. 20c; 3 for 50c.



2 **AEONIUM HAWORTHI**—ew. A rather good pot plant from the Canaries. Eventually there are many short, crooked branches, each ending in a rosette of thick, delta-shaped leaves, these of a rich succulence, and a finish as of silver powdering over a blue-green glossiness. Then come big panicles of little rose-flushed yellow flowers. Pkt. 25c (Plants, each 35c).

2 **AEONIUM ARBOREUM ATROPURPUREUM**—Pictur-  
esque plants, each rugged branch ending in a big, loose rosette of rich green, deeply shaded bronze-purple. Plants only, each 40c.

## 3 AGAPANTHUS 4

Great umbels of glorious trumpet-flowers, spread and split to starry form. Waxy petals, amethyst to indigo, or rarely white. The bloom is carried on stems that range anywhere between 18 and 60 inches of height. First year of blooming there may be only a few flowers in a cluster but the second year up to 30 or more in the blue, and on a single stem of the Giant White we have had at Old Orchard as many as 160 blossoms open at once. Agapanthus grows readily from seed, often blooming within the year if kept in continuous growth. It may be handled as a large pot plant, and will force for winter bloom, but usually it is grown out of doors in summer, dug in autumn, and carried over winter in a semidormant condition replanted in sand or earth in a light cool cellar or similar position, being then given just occasional scant waterings. In summer fertilize well, and in dry weather water freely; and your reward will come in the long and lovely blossoming. *Illustrated page 2.* Seeds, offered in mixture, mostly varied blues but with just a bit of the white. Pkt. 15c; 1/8 oz. 30c; 1/4 oz. 50c; 1/2 oz. 90c. (Plants, mixed blues, each 90c; 3 for \$2.60).

**AGAPANTHUS GIANT WHITE**—Saved only from white-flowered forms of notable excellence. Great umbels, up to 150 or more blossoms at once on large specimens. Pkt. 25c; 3 for 70c. (Plants, each \$1.10; 3 for \$3.00).

If we may not make over the world, we can at least build our own garden corner of it to fit, though that corner be no greater than a window ledge. If this be escapism, then make the most of it, giving thanks for it.

1 **AGASTACHE**—edbx(3)30. Easy and pleasant aromatic perennials, the blossoms carried in dense spikes. **ANETHI-ODORA**—Fluffy purple, anise scented. Pkt. 15c. **VERTICILLATA**—Blossoms in an odd but striking red tone. Pkt. 25c. **URTICIFOLIA**—Little rosy violet flowers packed in close fluffiness. Intense aromatic fragrance. Pkt. 15c. OFFER 14A55—One pkt. of each for 50c.

2 **AGAVE AMERICANA**—w. The Century Plant. Rosettes of thick, sword-shaped leaves, these often variegated, spine edged. Makes a handsome specimen. Rather slow growing, and may be handled in pots for years, but finally come to the tub stage, the leaves eventually several feet long. Finally high spires of yellow flowers, carried in many globose clusters. Pkt. 20c; 3 pkts. for 50c.

## \* AGERATUM or FLOSS-FLOWER

This easy-to-grow, dainty and fluffy long-bloomer is one of the better edging plants, and it is good, too, for bedding or as a cut flower. Sometimes it is grown as a pot plant, or in window boxes.

**AGERATUM BLUE BELL**—eirk(3-4)7. Low domes of intense blue. A splendid edger. Pkt. 15c;  $\frac{1}{8}$  oz. 40c.

**AGERATUM IMPERIAL DWARF WHITE**—eirk(3-4)7. Fluffy snowdrift white. Pkt. 15c; 3 pkts. for 40c.

**AGERATUM FAIRY PINK**—eirk(3-4)6. Flowers of pale salmon pink, flossy, fluffy. Pkt. 15c;  $\frac{1}{32}$  oz. 30c.

**GOLDEN AGERATUM**—eick. It is really golden yellow, and it does look very much like an Ageratum, and it may be used in the same way, but actually it is not an Ageratum at all, but instead *Lonas inodora*. The flowers are closely clustered and fluffy, rich yellow, and planted thickly so that the height is held down to about ten inches, it makes an excellent edging. It is a long lasting flower for cutting, too, but for that purpose should be spaced about ten inches apart to get longer stems. *Illustrated page 3*. Pkt. 20c; 3 pkts. for 50c.

**AGERATUM CUTFLOWER BLUE**—ecbk(3-4)24. Tall branchings of azure fluff. Pkt. 10c.

**AGERATUR CUTFLOWER WHITE**—As last, but in new-snow white. Pkt. 10c.

**AGERATUM LASSEAUXI**—ecstk(3-4)20. Wide slender branchings end in lovely pink-lilac fluffs of blossoming. A delightful cut-flower, long in bloom. Technically an *Eupatorium*. Pkt. 15c;  $\frac{1}{8}$  oz. 40c.

**AGERATUM SCABRISULUM**—k(w)(3-5)24. New introduction from Costa Rica, a tender perennial that may be grown as an annual. Foliage shining, evergreen. Inflorescence open, branching, the fluffy flowerheads pale blue. Good summer garden cut flower, sown early, or may be grown as a winter pot plant. Pkt. 25c.

**OFFER 14A15**—One pkt. each of above for \$1.00.

Each spring we live again.

**1 AGRIMONIA ODORATA**—eobstk(3)36. A pleasing hardy perennial for shady places. Long wands of sweetly scented little star-flowers, lemon to gold. Pkt. 15c. (Plants each 30c).

\* **AGROSTEMMA MILAS**—ecbkt(2-3)35. A quick and showy annual for early sowing. Wide flowers of lilac-toned violet upface on graceful swaying spreads of long slender stems. Individual blossoms may be 3 inches in diameter. This new Turkish variety is really surprisingly good. *Illustrated page 3*. Pkt. 15c;  $\frac{1}{8}$  oz. 30c.

**1 AJUGA**—Low, attractive perennials for the rock garden. **PYRAMIDALIS**—ex(8)c. Piled leaf-pyramids, purple blossoms peering from between. Pkt. 15c. **REPTANS**—Low, dense, shade-enduring creeper with excellent foliage and pretty blue flowers. Good carpeter. Plants only, each 30c; 3 for 85c; 10 for \$2.50.

**9 ALBIZZIA JULIBRISSIN**—kj 40 ft. Handsome tree with fluffy pink flowers. Foliage pinnate. Hardy to D.C. Pkt. 10c.

**1 ALETRIS**—kmt(3)25. Wands carry little waxy flower-bells that seem to be sprinkled with meal. **FARINOSA**—white blossoms. Pkt. 15c. **AUREA**—Yellow bells. Pkt. 20c.

**2 ALOE VARIEGATA**—w. Tiger Aloe or Partridge Breast. The thick and solid triangular leaves are marbled and margined silver on deep, dark green. Eventually tubular red flowers. An easy and satisfactory house plant, long-lived, getting bigger and finer year after year. Needs water but once a week. Pkt. 20c; 3 pkts. for 50c. (Plants, each 40c).

**2 ALOE BREVIFOLIA**—The decorative Pearl Aloe. Thick, deep leaf-rosettes of an attractive pearl-like tone, a silvery, pale blue-gray, set with blunt white teeth. Red flowers. Plants only, each 40c.

**2 ALOE BLEND**—Few more satisfactory pot plants than the Aloes among the succulents. Widely variable forms will appear from this blend, both in form and in coloring, from triangular pie-wedges of leaves in dense piled rosettes, to long curving serrate swords. Sometimes fat leaves are stacked as a child's pile of blocks, but again they may be so widely spaced on drawnout stems that climbing habit is approached. Often they are marbled, stained, silver-powdered, color-edged, or blued as tempered steel. Panicked inflorescence, usually in buff, red, or cinnabar. Fine mixture. Pkt. 15c; 3 pkts. 40c; 10 pkts. for \$1.25.

\* **ALONSOA**—x(3-4)20. Two easy and pretty Peruvian annuals with racemes of brightly colored, irregularly formed flowers. Long in bloom. **LINIFOLIA**—Salmon red. Pkt. 15c. **INCISIFOLIA**—Bright scarlet. Pkt. 20c.

## I ORNAMENTAL ALLIUMS 3

Always fascinating, are these hardy rock garden and border perennials. They make decorative cut flowers.

**ACUMINATUM**—(2)10—Rich rose-purple, close to red, are the upfacing flower clusters. Pkt. 15c.

**AZUREUM**—(3)30. Clear blue, the pure azure of deep summer skies. A delight. *Illustrated opposite*. Pkt. 20c. (Plants each 40c).

**AMMOPHILUM**—(2-4)20. Pretty little lavender stars in globe clusters. Valued particularly for long bloom and for light soils. Pkt. 20c. (Plants each 30c).

**FLAVUM MAJOR**—(2)16. Bells of glossy yellow, buff-tawny

in reverse, in loose, informal clusters. Pkt. 20c. (Plants, each 30c). **FLAVUM MINOR**—Like last, but dwarfer (10 inches), earlier, and makes more dense clumps. Pkt. 20c; 3 for 50c. **FARRERI**—10 inches. Deep purple bells in nodding, one-sided clusters. Rock garden. Plants, each 35c.

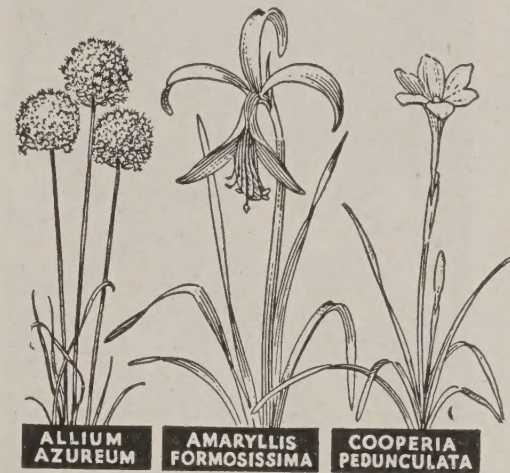
**THE MT. CENIS SPECIES**—An eight-inch rock garden jewel. Dainty diadems of rosy amethyst. Plants, each 35c.

**MARGARITACEUM**—(3)30. Decorative and fluffy globe-clusters of a rich mulberry-maroon. Pkt. 15c; 3 for 40c. (Plants, each 30c). **MOLY**—(2)12. Upfacing clusters of deep golden yellow. Pkt. 20c. **MONTANUM**—(3)20. Big, round Star-clusters, lavender to violet. Variable. Spreads to wide clumps. Pkt. 15c; 3 pkts. for 40c. (Plants, each 30c; 3 for 85c). **NEAPOLITANUM**—16 inches. Clustered stars of pure white. Splendid forcing or pot bulb. Needs winter protection in garden. Pkt. 20c; 3 for 50c. **NUTANS**—(3)28. A vigorous and good, large-clustered lavender. Pkt. 20c. **OREOPHILUM**—(3)16. Great airy dome-clusters, opalescent lavender to shimmering purple. Particularly good. From mountains of Daghestan. *Illustrated page 49*. Pkt. 15c;  $\frac{1}{8}$  oz. 35c. (Plants, each 30c; 3 for 85c).

**PULCHELLUM**—(3)20. Showy clusters in form that suggests a bursting bomb. Vivid raspberry purple. Good. Pkt. 15c; 3 pkts. for 40c. (Plants, each 30c). **PYRZEWSKIANUM**—(2)9. Rock garden charm from China. Exquisite star-flowers of soft violet, loosely clustered. Pkt. 20c; 3 for 50c. (Plants, each 35c). **RETICULATUM** (Textile)—(1)7. First to bloom in spring. Before the leaves come upfacing clusters of pretty rose-colored stars. Pkt. 15c; 3 pkts. for 40c. **SPECIOSUM TORTUOSUM**—20 inches. Big, loose globes of soft mauve flower-stars on high slender stems, each stem with an odd twist or half-spiral in it just below the flower cluster. Plants, each 30c. **STELLARIANUM ALBUM**—(4)25. Upfacing umbels of pretty, pure white stars. Blooms late. Makes fine clumps. Pkt. 15c. **STELLATUM**—(4)20. Rich rose pink. Late. Good. Pkt. 20c. **TANGUTICUM**—(3-4)25. Lavender Globe-Lily. Glory of late summer and early autumn. Big, fluffy globes of closely packed stars in clean pure lavender. Excellent for cutting. *Illustrated page 11*. Pkt. 20c;  $\frac{1}{8}$  oz. 35c. (Plants, two Tanguticum varieties, Avalon early tall, Crownlake lower late, either at each 30c, 3 for 80c). **PURPLE TARTAR**—20 inches. Star-filled globes in rather deep violet purple. Plants, each 30c. **TUBEROSUM**—(3)36. Big, flat clusters of upfacing snowy stars, the blossoms sweetly fragrant. Makes fine clumps for mixed border. Pkt. 15c;  $\frac{1}{8}$  oz. 25c. (Plants, each 30c). **TRIQUETRUM**—18 inches. Loose umbels of somewhat bell-shaped flowers, pure white save for green mid-rib. Forces well as a pot bulb. If grown outside, give some winter protection. Pkt. 20c. **UNIFOLIUM**—(2)15. Rosy stars in flat umbels. Blooms mostly before the leaves. Pkt. 15c. **VALIDUM**—(3)16. Big clusters, bright lavender violet. Good foliage. Thrives in either dry or wet positions. **OTHER GOOD ALLIUMS** in Treasure Chest supplement. Ask for your copy.

**OFFER 15A55**—One pkt. each of the 20 Alliums here offered in seeds for \$2.75. **OFFER 16A35**—One plant each, with label, of the 15 Alliums here in plant form for \$4.20.

**ALLIUM ORNAMENTAL BLEND**—Seeds of those so offered above, with others. Pkt. 15c;  $\frac{1}{8}$  oz. 25c;  $\frac{1}{4}$  oz. 75c.



### 3 ALSTROEMERIA 4

Spectacular in their gay brilliance are the clustered, oddly formed blossoms of these fairly hardy Amaryllidaceous cousins. At Old Orchard we carry them over winter in the open ground. In late autumn we cover the plants with straw or salt hay, parting this in spring to let the stems through, but leaving it on through the summer when it serves to insulate the soil from too much sun heat. So handled, our colonies of Alstroemeria have thrived and spread. Somewhat heavier winter mulching will naturally be needed in colder areas, and in regions of great winter temperature extremes it may be better to dig the brittle, rather tuberous roots in late autumn and carry them over winter packed in dampish sand in a cool cellar. Alstroemerias bloom the second year from seed, but sometimes will give a few blossoms the first summer. The seed usually germinates strongly the first year, but upon occasion goes temperamental and lies over until the second spring before starting. Sowing may be in cold-frames or outdoor beds any time from August to the following April. *AURANTIACA*—36 inches. Showy flowers, soft yellow to rich orange, upper petals streaked carmine. *Illustrated above.* Pkt. 15c; 1/8 oz. 40c. *CHILENSIS*—35 inches. Brilliantly colored blossoms, pink, rose or red, often with hint of orange suffusion. Pkt. 20c; 1/8 oz. 30c. *HAEMANTHA*—35 inches. Handsome species with large flowers, the outer segments red with green tips, the inner red-shaded yellow in general orange effect, but dotted purple. Pkt. 25c. *HOKKERI*—14 inches. The lowest growing of our species, effective in rock garden. Flowers of dainty shrimp pink. Pkt. 25c. *LIGTU HYBRIDS*—24 inches. Exceedingly, and delightfully, variable, blossoms that may be white, soft pink, rose, sometimes with violet splashing. Pkt. 25c; 3 for 70c. *PELEGRINA*—16 inches. Lily of the Incas. Flowers usually lilac rose, inner segments spotted purple, but sometimes all of unmarked snowy whiteness. Pkt. 20c; 3 pkts. 50c. *PULCHELLA*—Parrot Lily. Whorls of uneven trumpets, *illustration opposite*, in parrot colorings, deep, bright red with emerald green tips. Blooms May to October. Exceptionally hardy and vigorous. Pkt. 15c; 3 pkts. 40c. (Tuber clusters, spring delivery, each 30c; 3 for 85c). *TRICOLOR*—A rare species said to be brightly marked and very beautiful, but we haven't grown it, nor have we seen it growing. Pkt. 25c. *VIOLACEA*—22 inches. Rare species from the Atacama. The rather large flowers are of bright lilac, but with hint of tawny, and at times decidedly flushed with rich violet. Pkt. 25c. *OFFER 17A25*—One pkt. each of the nine for \$1.90.



ALSTROEMERIA AURANTIACA



*ALSTROEMERIA BLEND*—Fine mixture, many color forms, including all the above. Pkt. 15c; 1/8 oz. 40c; 1/4 oz. 75c.

No earth-pattern can be so scorched that peace is not still in it; for green things will come again, soft rains fall, spring suns flow warmly, winter snows whiten. The pattern is not lost, for it is earth itself, sun itself, the long instincts of nature.

**3 ALOPHIA PULCHELLA**—x(1)6. An attractive little bulb-flower from Uruguay, blooming in fairly early spring. Upfacing flowers of deep indigo, with hint of violet. A good pot bulb, or if grown in garden, dig in autumn and store over winter in dry sand. Pkt. 25c.

**2 ALSOPHILA AUSTRALIS**—Tasmanian Tree-fern. Decorative conservatory plant with deeply pinnatifid foliage. Spores, pkt. 25c.

**1 ALTHAEA ROSE-ASH BLEND**—ebx(3-4)70. Excellent perennials for the hardy border. The flowers, carried freely on the several branching stems, will run up to 1 1/2 inches diameter, and may be anything from bright rose pink to dusky violet, usually well within the rose-ash range. Included are *Narbonensis*, *Armeniaca*, *Taurinensis*, *Kragujevacensis*. Pkt. 15c; 1/8 oz. 25c.

### 1 ALYSSUM FOR SILVER AND GOLD

Here are perennial kinds of fullest winter hardiness. "X" culture. **FLORIBUNDUM**—Our own favorite. Gracefully irregular 9-inch mounds, spread with a spring profusion of soft yellow blossoms. Silvered foliage, silveriness intensifying in early winter, but then with a roseate tinge. Near to evergreen. Pkt. 15c; 3 pkts. for 40c. **ALPESTRE** (*Serpyllifolium*)—5 inches. Low, spreading mats. Soft yellow flowers in late spring. Good. Pkt. 15c. **MURALE**—9 inches. A pretty fine-flowered species with soft yellow blossoms. Rather like a somewhat larger Alpestre. Pkt. 15c. **GEMONENSE**—9 inches. Everblooming, fine-branched bushlets of lemon yellow flowering, seedpods somewhat inflated. Pkt. 15c. **SAXATILE COMPACTUM**—10 inches. Basket of Gold. Brilliant golden showiness. Foliage silvered. Pkt. 10c; 1/8 oz. 25c. **SAXATILE CITRINUM**—Like last, but the blossoms of a soft sulphur yellow. Pkt. 10c; 1/8 oz. 30c. **ARGENTEUM**—12 inches. Silvery mounds are mantled with flake-flowers of citron yellow. Good. Pkt. 10c; 1/8 oz. 25c; 1/8 oz. 40c. **OFFER 18A55**—One pkt. each of above for 75c.

**ROCK GARDEN ALYSSUM BLEND**—The above, with others. Pkt. 10c; 1/8 oz. 20c; 1/8 oz. 30c; 1/4 oz. 50c.

### \* SWEET ALYSSUM

The Sweet Alyssums (*Lobularias*) are free-blooming, long-blooming annuals of about the easiest possible culture, valued for edgings, borders, pot culture, rock gardens, window boxes, bedding.

**ALYSSUM CARPET OF SNOW**—eik(2-4)4. A veritable, fragrant, snowy carpet for months on end. Pkt. 10c; 1/4 oz. 30c; 1/2 oz. 50c.

**ALYSSUM VIOLET QUEEN**—eik(2-4)6. A row of it is a honey-scented ribbon of rich, deep violet. Practically ever-blooming. The more we grow it, the better we like it. Pkt. 10c; 3 pkts. for 25c.

Know men by their gardens, for gardens are mirrors.

\* **AMARANTHUS MOLTEN FIRE**—ebx(3)48. Each branch ends in a flaming radiation of fiery crimson floral leaves, rather in effect of a giant Poinsettia. Pkt. 15c.

\* **AMBROSIA**—ecox(3)18. Graceful, aromatic green "ostrich plumes" for cutting. *Chenopodium Botrys*. Pkt. 10c.

**5 AMORPHA CROCEO-LANATA**—ebkt(2) 10 ft. Decorative, shrubs that carry a vast number of slender flower-spikes. Blossoms are purple, with golden anthers. Easy. Good. Pkt. 10c; 1/4 oz. 25c.

### \* STAR OF THE DESERT

**AMBERBOA MURICATA** is the name, but Star of the Desert it is called, for it comes from arid backlands of north Africa and of Spain, thriving in hot, dry places. The blossoms are three-inch lace-stars, Tyrian purple with lighter cushion centers, and they are carried on a myriad slender stems well over an upright bushy roundness of foliage. In bloom for months. A good cut flower. Of easiest possible handling. *Illustrated page 11.* ecbdx(2-4) 30. Pkt. 15c; 1/8 oz. 25c; 1/8 oz. 35c.

### 3 AMORPHOPHALLUS 4

**AMORPHOPHALLUS RIVIERI** (*Hydrosme*)—A bizarrely decorative plant for the summer garden, called there Leopard Palm, from the graceful form and odd spotting of it. Dig the tubers in late autumn, and store. At touch of light in February or March, without benefit of soil, they will rocket forth curious flowers, spadix of maroon, spathe of rose-tinged green; exotic, unconventional. Tubers only, two-inch diameters and up, each \$1.50; 3 for \$4.00. This size will need at least another year of growing before blooming, but they are meanwhile quite well worth their cost in the curious and decorative effects yielded by the plant and its strange foliage.



### 3 AMARYLLIS 4

Amaryllis is a name of horticultural memories, still given by gardeners to several diverse but allied bulb groups, alike at least in that they are all of most satisfactory flowering beauty.



**AMARYLLIS FORMOSISSIMA** — ecbk (1-2) 16. An Amaryllis for the open garden. Within two weeks after spring planting of it the immense, fantastically formed blossoms, velvety crimson all gold-glinting with pollen dust, will be appearing. In autumn, dig and store in fashion of Gladiolus. May also be forced for late winter flowers. Sometimes it is called Mexican Fire Lily, or Jacobean Lily, but botanically it is Sprekelia. *Illustrated page 4.* Pkt. 20c. (Bulbs, each 20c; 3 for 55c; 6 for \$1.00; 20 for \$3.00).

**AMARYLLIS GIANT HYBRIDS**—w. No more spectacular pot bulb than this. Magnificent flowers, great expanded trumpets in rose, scarlet, crimson, all one color, or splashed against white. *Illustrated above.* Seeds saved from fine selected plants. 10 seeds for 25c; 50 for \$1.00; 100 for \$1.75. (Bulbs, available most of the year, each 60c; 3 for \$1.65; 10 for \$4.90. Supplied in mixed colors only). Technically Hippeastrum.



**AMARYLLIS BELLADONNA** — w(k) (4) 20. Perfumed, clustered flower trumpets range from soft pink to deep rose. The name translates to The Beautiful Lady, and it is well-named. It grows readily from the large succulent seeds, and makes a delightful window or porch plant. As far north as Philadelphia it will usually winter in the open garden, is indeed safe in much colder areas if heavily mulched in late autumn. Sow at once upon receipt. 10 seeds for 25c; 25 for 50c. (Bulbs available from June to October. These will often flower first season. Each 60c; 3 for \$1.55; 10 for \$4.85). Technically Calli-core rosea. *Illustrated opposite.*

It is rarely the long-planned enjoyments, but rather the sum of varied and unexpected little happinesses, that make up pleasant living. The sky-bringing of a Gentian, a winter Dandelion against a wall, sweet, piercing sound-thrills of a whistling Cardinal, trill of a Song-sparrow outside the window, sunset on snow, flame of an autumn Maple, curling crests of salt waves, these balance a thousand disappointments. Earth yields its treasures to those who will see them.

**1 ANACYCLUS PYRETHRUM**—rkt(2)5. Trailing, dark green fern-mats are set over with golden-centered white daisies that open from carmine buds, giving pretty tricolor effects. Pkt. 15c; 3 pkts. for 40c.

\* **ANACYCLUS RADIATUS**—ebk(3-4)25. A pleasant daisy from Morocco. The flowers vary from soft primrose to rich yellow, the buds and the petal reverses usually shaded with rose or bronze. Fern-like foliage. Pkt. 15c.

\* **ANAGALLIS MIXED**—eiruk(2-4)8. True Pimpernel, a pretty little annual for all-summer bloom. Low, undulate color, eye-dazzling blue and oriental red. Pkt. 10c.

**1 ANEMARRHENA ASPHODELOIDES**—ebkt(3)60. Chinese Asphodel-cousin. Decorative sheafs of narrow, glossy foliage. Tall racemes of tiny rose-purple flowers in morning-mist effect. Pkt. 20c.

### 1 PEERLESS HARDY BORDER BLEND

Seeds of unusual and showy flowers, a blend of more than 100 perennials that are tall, vigorous, and handsome enough to grace the most particular of permanent plantings. Includes many rare kinds. Winter-hardy.  $\frac{1}{8}$  oz. 25c;  $\frac{1}{4}$  oz. 40c;  $\frac{1}{2}$  oz. 75c; 1 oz. \$2.70.



**1 ANARRHINUM BELLIDIFOLIUM**—\*erx(2-3)20. Multitudinous miniature Snapdragon blossoms in misty soft blue. Tall sprays. *Illustrated above.* Pkt. 15c.

### 1 BLUE STAR OF TEXAS

It is **AMSONIA TABERNAEMONTANA**, the original Star of Texas. An easy hardy perennial with mighty attractive flowers, but not only that, for the foliage is good, never unsightly during the growing season. Will tolerate considerable shade, or full sun. The many willowy stems end each in a big panicle of starry blossoms in soft blue. *Illustrated above.* enbstx(2-3)25. Pkt. 10c;  $\frac{1}{4}$  oz. 40c; 1 oz. \$1.25. (Plants, each 30c; 3 for 85c).

### 1 ANCHUSA or ALKANET

Showy and easy perennials these, some of them even blooming first year from seed. "X" culture. **AFFINIS**—(2-4)40. Uncurling racemes set with rich violet stars, each with a white center. Graceful. Long in bloom. *Illustrated above.* Pkt. 10c;  $\frac{1}{4}$  oz. 35c. (Plants, each 30c; 3 for 85c). **AVALON HYBRIDS**—Habit, season and culture of the last, but in greatly extended color range, giving rose, soft pink with carmine star, cream, primrose, pale blue suffusions, indigo, black-violet and the like. Pkt. 15c;  $\frac{1}{8}$  oz. 25c. **ITALICA** (azurea) **DROPMORE SEEDLINGS**—(2)45. Fountains of large flowers in bright blue. Showy. Pkt. 10c;  $\frac{1}{4}$  oz. 25c. **OFFER 19A55**—One pkt. each of the 3 for 30c.

### 1 ANCHUSA MYOSOTIDIFLORA

A beauty of the Caucasus that delights in a cool, shady corner. Above low masses of big, heart-shaped leaves come loose, airy sprays of blossoms in brilliant blue that seem to fit most folks idea of what a Forgetmenot should look like, better than do the flowers of the true Forgetmenot itself, for many Old Orchard callers who wish Forgetmenots choose this plant, rather than the Myosotis in bloom in the bed along side of it. Height 10 inches. June. Technically Brunnera macrophylla. Plants only, each 45c; 3 for \$1.25.

The gardener hopes, and hope may save the world.

\* **ANCHUSA CAPENSIS BLUEBIRD**—ebx(3)20. This lovable annual Anchusa shows flowery constellations in blue of Gentian vividness. Pkt. 15c; 3 for 40c.

\* **ANCHUSA RIPARIA**—ecbx(2-4)34. Ultramarine, rich, dark, glowing. Flowers in graceful fountain sprays. A likeable South African annual. Pkt. 15c.

**1 ANDROSACE CARNEA BRIGANTICA** — ratkt(2)4 Pretty little rock garden plant with tufts of deep green foliage and loose heads of pure white flowers. Pkt. 20c.

**1 ANTENNARIA DIOICA ROSEA**—rgkt(2)4. Silvery-leaved mat-carpenter for dry places, or it will fit the sunny rock garden. Pretty fluff-flowers of silver pink. Pkt. 15c; 3 pkts. for 40c. (Plants, each 25c; 3 for 65c; 10 for \$1.85).

## 1 ANEMONE or WINDFLOWER

Anemones will delight in rock garden or in border, in full sun or in light shade. "kt" culture. **ALBANA**—(1-2) 10. Upfacing flowers of soft yellow, color of homemade ice cream on a dairy farm. Pkt. 15c. **CANADENSIS**—(2)15. Big star-blossoms of purest white. Hardy; adaptable. Pkt. 15c;  $\frac{1}{8}$  oz. 30c. **CAROLINIANA ROSEA**—(2-3)16. Sheafs of salver blossoms in pure deep rose. Long in bloom. Pkt. 15c; 3 pkts. for 40c. **CORONARIA ST. BRIGID**—(1-2)10. Few flowers gayer, blossoms of white, crimson, scarlet, blue, heliotrope, rose, pink or salmon. Usually semi-double or double. Needs protection, North. Pkt. 15c; 3 pkts. for 40c. (Tubers, usually available both spring and fall, 3 for 25c; 8 for 50c; 18 for \$1.00, large, single-flowered mixed). **DECAPETALA BLEND**—(2)8. Upfacing flowers that may be pure white, pale blue or deep blue. Pkt. 15c. **DELTOIDEA**—(2)8. Flowers of good size are carried above trifoliate whorls. Blossoms may be pure white, or show delicate pink or blue suffusions. Pkt. 20c. **GLOBOSA**—(2)20. Creamy white. Pkt. 15c. **HALLERI**—(2)14. Rather showy and large cup-flowers of rich, deep purple. Pkt. 15c. **MAGELLANICA**—(3)16. Big, upfacing flowers of softest creamy yellow, many open at once. Highly desirable. Pkt. 15c; 3 pkts. for 40c. **PATENS NUTTALIANA**—(1)12. Pasque Flower. Showy blossom-cups that may be mauve, lilac, lavender or violet, always centered with a bunch of butter-yellow stamens. Blooming begins before the leaves appear. Decorative silvery seed-plumes. Pkt. 15c;  $\frac{1}{8}$  oz. 35c. **PULSATILLA**—(1-2)16. Great purple cups, centered with golden tassels, set in green ruffs. Free-blooming. Spectacular when established. Pkt. 15c;  $\frac{1}{8}$  oz. 30c. **REGELIANA**—Pretty much a Pulsatilla in rich mulberry-maroon. Pkt. 15c. **RIVULARIS**—(3)20. Giant white star-flowers, purple in reverse. Pkt. 20c. **SYLVESTRIS**—(2-3)15. Snowdrop Anemone. Perfumed, nodding white flowers. Pkt. 20c. **VITIFOLIA**—(4)36. Great Himalayan Windflower. White, flushed lilac-pink. Pkt. 20c. **OFFER 20A55**—One pkt. each of the above for \$2.00.



**ANEMONE JAPONICA**—Great long-stemmed blossoms in white, cream, rose or pink, a glorious "spring-in-autumn" flower. Blooming starts in late summer, continuing well into the fall. *Illustrated opposite.* 30 inches. "yt" culture. Pkt. 20c; 3 pkts. for 50c. (Plants also available of three fine sorts. **PURE WHITE**—Big snowy, single flowers, centered with golden stamens. **PRINCE HENRY**—Semi-

double salvers of rich, rosy red. **QUEEN CHARLOTTE**—Wide, half-double blossoms of soft pink. **UNIFORM PRICE**, each 50c, or three plants for \$1.40.)

**ANEMONE HUPEHENSIS**—(3)18. Consider it a desirable earlier flowering, lower growing race of Japonica. Charming mauve pink blossoms in August and September. Plants only, each 45c; 3 for \$1.25.

**ANEMONE BLEND**—Splendid mixture, above with others. Pkt. 15c; 3 pkts. for 40c.

**1 ANEMONELLA THALICTROIDES**—rsty(1-2)9. The airy Rue Anemone. Exquisite flowers, snowy white or with faint hint of blush, above Maiden-hair Fern foliage. Tolerates sun, likes shade. Pkt. 15c; 3 pkts. for 40c.

## 2 KANGAROO PAW 4

It is **ANIGOZANTHOS**, but in its Western Australia homeland it is called Kangaroo Paw Flower, this from the curious shape of the long, hairy blossoms when they are in the half-open stage. Anigozanthos grows readily from seed. Not truly a bulb, it is bulb-like, with fleshy root rhizomes. Save in mild climates, it should be handled as a pot plant. It blooms in summer. Give plenty of water then, but very little during the winter when it goes into a half-rest. "w" culture. **MANGLESI**—Clusters of downy tubes that expand at tip toward starry form. Brilliant crimson, ending in emerald green. Stems covered with crimson down-velvet. Pkt. 15c; 3 pkts. for 40c. **FLAVIDA**—Here the flowers are buff-yellow without, white within. Robust. Pkt. 15c. **COCCINEA**—Like Flavida, but flowers are red, and plants somewhat smaller. Pkt. 20c.

**WINTER PLANT SHIPMENTS**—When frost-tender plants or bulbs are desired during the period between December 1st and April 1st, we reserve right to ship by express instead of by mail. In such instances any postage remittance will be returned or credited.



**NIEREMBERGIA HIPPOMANICA**



**CORAL FLOWER**



**OPALCUP**



**TAHOKA DAISY**



**RAPID CELANDINE**



**TITHONIA SPECIOSA**



**HIBISCUS TRIONUM**

## \* ANODA or AMAPOLITO

Quick, long-blooming Annuals of easy growing and a high attractiveness. Sow early and you will have blossoms by first week of June, continuing then until late autumn freezes. It is in late summer and early autumn that it reaches its best effect. *Anoda lavateroides.*

**ANODA OPALCUP**—ecbx(8)48. Crinkly, lustrous chalice-flowers in that delightful opaline borderland that lies between blue and pink. At bright noon you will swear they are blue, but let your viewing be at day's-end, when blossoms glow in long rays of a downing sun, and it is a warm and lovely rose pink they will be to you. Pkt. 10c;  $\frac{1}{2}$  oz. 25c. *Illustrated above.*

**ANODA SNOWCUP**—ecbx(8)35. Blossoms of glinting new-snow whiteness. Plants grow in even, oval, formal effect, as though they had been trimmed into shape. Good as spaced specimens, or as a continuous annual hedge. Pkt. 10c;  $\frac{1}{4}$  oz. 25c.

## 1 LILY OF ST. BERNARD 3

**ANTHERICUM LILIAGO**, but the old folk-name for it is Lily of St. Bernard. Starry flowers of purest whiteness are carried in airy racemes. Pretty always, particularly so when massed. For lovely effects in blue and white, plant it with *Campanula rapunculoides*. Fully hardy and long-lived. ecbltk(2-3) 32. Pkt. 15c;  $\frac{1}{8}$  oz. 40c. (Plants, each 35c; 3 for \$1.00). *Illustrated as Paradisea on page 49.*

You can't have both freedom and security, for freedom is never secure, nor is security ever free. On guard,—without and within.

**1 ANTHEMIS KELWAYI**—ecbx (2-3) 26. Golden Marguerite. Branching, fern-leaved plants carry a profusion of deep yellow daisy-flowers. Pkt. 10c;  $\frac{1}{8}$  oz. 20c.

**1 ANTHEMIS NOBILIS**—rgkt(2)8. Aromatic fern foliage of soft green in low, ground-spreading ripples. Little white daisies. Useful in rock garden; also valued as a grass substitute in difficult places. Called Lawn Chamomile. Pkt. 15c; 3 pkts. for 40c. (Plants, little rooted divisions, mat-spreading rapidly, 20 for \$1.00; 100 for \$4.00; 250 for \$9.00).

**1 ANTHYLLIS MIXED**—erk(2-3)10. Fluffy appearing heads of little tufted pea-flowers in blendings of soft yellow and downy red. Pinnate foliage. Pkt. 15c.

**3 ANTIGONON LEPTOPUS**—kt(2-4) 30 ft. Rosa de Montana or Corallito. A quick vine, dormant in winter but growing rapidly in the spring from the root tubers. Heart-shaped foliage, garlanded for months with "Bougainvillea" blossoms of bright rose. North, dig and store tubers in sand in frostproof place. Pkt. 15c;  $\frac{1}{4}$  oz. 35c.

**1 APIOS TUBEROSA**—emtk(3). A pretty herbaceous vine that grows from an edible tuberous root. Clustered flowers in odd chocolate tones, remind in form of Wisteria. Pkt. 15c. (Tubers, each 25c; 3 for 65c).

2 **ARDISIA CRENULATA**—w. No better pot plant for brilliant berry effects. Cymes of four-parted rose-violet flowers, these fragrant, followed by drooping clusters of gleaming coral-red berries that hold showiness for months. Pkt. 20c.

6 **ARDISIA GLANDULOSA-MARGINATA**—w. The Costa Rica Lilac. Handsome clusters of lavender-violet blossoms. Grow as large pot or tub plant North, or outside in lower South. Pkt. 20c.

### \* **SNAPDRAGON or ANTIRRHINUM**

Snapdragon needs no praise; it is beyond all that, a flower for everyman's garden and everyman's pleasuring.

The kinds offered here grow to 30 inches or more of height, at least the last foot of it set with immense, exquisitely formed blossoms in many rich, varied colorings. Often there are a dozen or more flower-filled stems to a plant. **ARTISTIC**—Rose pink and white. **COPPER SHADES**—Copper and bronze in blended tones. **LOVELINESS**—Pure deep pink. **RED CROSS**—Contrasting crimson and pure white. **YELLOW GIANT**—Exquisite canary. **SNOW GIANT**—Yes, it's white. **CAMPFIRE**—Bronze, with touches of crimson, carmine and yellow. **UNIFORM PRICE**, each kind, 20c per pkt. **OFFER 20A15**—One pkt. each of the 7 for \$1.25.

**ANTIRRHINUM PEERLESS BLEND**—The colors above, with others, in one gorgeous mixture. Flowers are of the largest, for these are of the "Maximum" section, strain rust-resistant. Pkt. 15c;  $\frac{1}{8}$  oz. 30c;  $\frac{1}{8}$  oz. 50c.

**ANTIRRHINUM MAGIC CARPET**—erik(2-4)5. Delightful, semi-creeping plants loaded with flowers in exceedingly bright, immensely varied colorings. Rock gardens, edgings, beds. A true hybrid, Antirrhinum molle crossed with A majus. Pkt. 20c; 3 pkts. for 50c.

1 **ANTIRRHINUM ASARINA**—erk(8)6. Trailing mats of silver-sparkling, succulent foliage, set with big, lonesome flowers, rich cream with lip of citron and red. Rock garden perennial. Pkt. 20c.

### \* **THE PINK-AND-WHITE DAISY**

The flowers are purest white above, but pink-suffused in reverse, and the buds are a clear, soft pink. The blossoms are an inch across, tiny yellow centers from which radiate many narrow, overlapping petals in horizontal plane to make the flat, upfacing blooms. The foliage is narrow, scanty, flower-obscured. Plants are in continuous bloom from early June on through September. This dainty and pleasant newer annual is botanically **APHANOSTEPHUS SKIRROBASIS**, but you may order it if you wish as **THE PINK-AND-WHITE DAISY**, or instead, as the **LAZY DAISY**, a name sometimes given it because the plants tend to bow beneath the weight of bloom. It lasts well as a cut flower. eck(2-4)20. Pkt. 15c;  $\frac{1}{32}$  oz. 25c;  $\frac{1}{8}$  oz. 35c.

### 1 **ARABIS FOR EARLINESS**

For early blossom showing, April on, one needs the gay rose or pure white of Arabis. **ALPINA**—6 inches. Early, and fine. Masses of snowy white. Pkt. 15c;  $\frac{1}{16}$  oz. 30c. **ALPINA ROSEA**—Like the last, but with suffusion of soft rose. Pkt. 20c; 3 pkts. for 50c. **FERDINANDI-COBURGI**—8 inches. Distinct; good. Compact rosette-mats, a foam of pure white flowers above. Pkt. 20c; 3 pkts. for 50c. **BILLARDIERI ROSEA**—Rosy lilac flowers rise on slender 8-inch stems from flat rosettes. A wild-flower of the Lebanon. Pkt. 20c. **PURPURASCENS**—4 inches. Low wide plants covered with pretty flowers of deep rose-purple. Pkt. 25c. **OFFER 22A55**—One pkt. each of above for 90c.

### \* **THE SILK VINE**

The Silk Vine is a quick, low climber to be handled on a low trellis as one would Sweet Peas. Like the Sweet Pea, it is desirable for cutting. For months it is filled with sprays of blossoms in form of starred salvers, inch-high, inch-wide, petals of a thick, crispy waxiness, creamy white, or at times with faintest of pink suffusions. Flowers have a sweet, light perfume, and they hold well when cut, the graceful habit lending itself to unusual decorative effects. Seeds sown in position in early April will produce plants flowering from mid-July into November. By sowing under glass, and transplanting, one may begin the flowering season a month earlier. Though usually grown as a garden annual, the Silk Vine is actually a tender perennial, and sometimes it is grown as a year-around pot plant in greenhouse or sun room. Botanically the Silk Vine is **ARAUJIA SERICOFERA**. Pkt. 20c; 3 pkt. for 50c.

## 1 **AQUILEGIA or COLUMBINE**

For soft tones and subtle tintings, along with swaying airiness of bloom, we go to Columbine. "x" culture. All will tolerate sun, but do well in shade, too, if it be not too dense, nor the soil too dry. **AKITENSIS**—(1-2)12. A lovely alpine with silvered foliage. Flowers soft blue, marked olive, with creamy white. Early. Pkt. 20c; 3 pkts. for 50c. **AVALON DOUBLES**—(3)36. Blossoms mostly double, and without spurs. Doubling sometimes so intense that the flowers remind of roses. Exquisite pink, rose, red, white and violet. Pkt. 20c; 3 pkts. for 50c. **BERTOLONI**—(2)12. A miniature of Aquilegia alpina, about half the height, but with rather larger blossoms, downy without, that are of a deeper, richer blue-violet. Pkt. 20c; 3 pkts. for 50c. **BUERGERIANA**—erbx(2-3)20. Flowers buff yellow, stained chocolate, and merging into amaranth. Rare oriental species. Pkt. 20c. **CANADENSIS**—(2)36. Old rose and gold. For the shady border, or will naturalize. Pkt. 15c;  $\frac{1}{8}$  oz. 25c;  $\frac{1}{8}$  oz. 40c. **CHRYSANTHA**—(3)36. Airy, long-spurred blossoms of palest gold. Pkt. 15c. **CHRYSANTHA ALBA**—(3)36. Long-spurred creamy white, sometimes with faint suffusion of lemon or lilac. Pkt. 15c; 3 pkts. for 40c. **COERULEA**—(2)30. Very good blue-and-white long-spurred species. Pkt. 15c 3 pkts. for 40c. **CRIMSON STAR**—(2-3)30. Velvet crimson, with white. Long-spurred. *Illustrated page 37.* Pkt. 20c; 3 pkts. for 50c. **ECALCARATA** (Semiaquilegia simulatrix)—(2)10. Pretty oriental alpine with airy, unspurred blossoms, coppery apricot, to chocolate and claret. Pkt. 25c. **JUCUNDA** (glandulosa vera)—(2)10. Close sheafs of uplifted blossoms in rich blue, white-centered. Pkt. 20c. **FLABELLATA NANA**—(1)10. Early. Big milk-white flower-bowls suffuse creamy lilac. Fat clumps of blue-silvered foliage. Pkt. 15c;  $\frac{1}{16}$  oz. 40c. **FORMOSA**—(2)27. Pretty, bright flowers in combinations of soft yellow and rosy red. Pkt. 15c. **HELENAE**—(2-3)24. A desirable hybrid, showy and long-lived, with big flowers of vivid blue, white-cupped, spurs medium length. Pkt. 15c. **LONGISSIMA**—(2-4)36. Longest spurs of all. Blossoms soft canary, or some-



times with roseate flush. *Illustrated opposite.* Pkt. 20c; 3 pkts. for 50c. **NEVADIENSIS**—(3)28. A very good Spanish species with blue to violet flowers, spurs incurved. Pkt. 15c. **ROSE QUEEN**—(2-3)30. Fine rose and pink tones. Long-spurred. Pkt. 20c. **SKINNERI HYBRIDS**—(2-3)60. Long-spurred bell-like blossoms, soft yellow, through lemon, to rosy red. Tallest of Columbines. Skinneri is native to Guatemala, yet is fully winter-hardy here. Pkt. 20c; 3 pkts. for 50c. **SUAVEOLENS**—(3)25. Flowers soft cream, but varying into other tones, always with delicate, elusive Sweetpea fragrance. *Illustrated page 2.* Pkt. 20c; 3 pkts. for 50c. **OFFER 21A55**—One pkt. each of the above for \$3.00.

**AQUILEGIA LONG-SPURRED AVALON**—(3)36. Selected for length of spur and extended range of hue and tone. Lemon, copper, orchid, buff, rose, lavender, blue, pink, cream, crimson, all in contrasting placements and mellow blendings. Pkt. 20c;  $\frac{1}{16}$  oz. 50c.

**AQUILEGIA PEERLESS SHORT-SPURRED**. This group, made up of races, varieties and allies of the European Columbine, Aquilegia vulgaris, has merits of high order. The plants grow into big, many-stemmed sheafs of bloom, and are more likely to be permanent additions to the border than are the plants of the Long-spur section. Color range is good, violets dominating, but including white, pink, rose, and blue, lavender and bicolors. Exceedingly floriferous. Pkt. 15c;  $\frac{1}{16}$  oz. 25c;  $\frac{1}{8}$  oz. 40c;  $\frac{1}{4}$  oz. 75c.

**AQUILEGIA OLD ORCHARD BLEND**—A general mixture of all types. At least a little of every Columbine we have in seed form. Pkt. 15c;  $\frac{1}{8}$  oz. 40c;  $\frac{1}{4}$  oz. 75c.

## 3 **ARISTEA or BLUE-BRILLIANT 4**

Plants in the Morea relationship, cousins a few times removed, of the Iris. Expect rigid ribbon leaves with panicles of flowers just above, these in the most vivid of coerulean intensities. North, best handled in pots for summer flowering; to be wintered in a light cellar. It grows readily from seed. We offer two species, both scintillant blue. **CAPITATA**—To 4 feet. Long blooming season. Pkt. 15c; 3 pkts. for 40c. **ECKLONI**—To 15 inches. This species tolerates shade. Pkt. 15c.

3 **ARISAEMA TRIPHYLLUM**—rmstatkt(2)25. Jack-in-the-Pulpit. Purple-green spathes, chocolate streaked, then red-glow berries. Pkt. 10c; ¼ oz. 30c.

3 **VARIEGATED BULB-GRASS**—Variety of *Arrenatherum bulbosum*. Low densities of prettily variegated foliage. For spring delivery, small division clumps, each 35c; 3 for \$1.00. Autumn delivery, tuber-strings at 25c each.

1 **ARNICA CORDIFOLIA**—rkt(2)16. Rather good, bright yellow daisy-flowers in small clusters on slender stems above heart-shaped leaves. Pkt. 15c.

1 **ARNICA FOLIOSA**—gdkt(2-3)25. Grown as a ground cover in hot, dry places. Wide mats of closely packed upright leaves in silky gray. Pkt. 15c. (Plants, divisions, each 25c; 3 for 65c; 10 for \$1.80).

### \* **ARCTOTIS, Daisy of Africa**

Delightful annual daisies these, large in bloom-size, effective in the garden, long-lasting when cut.

**ARCTOTIS ACAULIS**—erbx(3-5)15. Very large flowers in cream, salmon, pleasing apricot, brilliant tangerine and bronzed carmine. Pkt. 20c; 3 pkts. for 40c.

**ARCTOTIS HYBRIDS**—erbk(3-5)18. Big flowers in color-reminder of *Gerberia*, soft tones of apricot, lemon, russet bronze, coppery rose, reds of autumn oakleaf; along with bluish and lilac tints, others with decorative zonings. Handsome pinnate foliage, deeply incised, silver sparkling. Sow early; it needs long season and full sun, as does also *Arctotis acaulis*. Pkt. 20c; 3 pkts. for 50c.

**ARCTOTIS GRANDIS**—ecrx(4)10. Blueyed African Daisy. Big pearl-white flowers with blue centers. Profuse, showy, long in bloom. Quick, and easy to grow. Sow after soil is warm. Pkt. 10c; 1/16 oz. 20c.

### \* **THE EVERBLOOMING POPPY**

It is **ARGEMONE**, an attractive near-Poppy, (call it first cousin), that keeps in constant bloom for months on end, flowering until late autumn if given the well-drained sunny position that it enjoys. Blossoms are large, with silk-glistening petals that may be snowy white, cream-toned, bluish, smoky rose, crimson, primrose yellow, or really of golden hue. Sometimes the petals will be deeply fringed, but more usually just frilled a bit, and occasionally fully double flowers appear, although most will be large, and single. Foliage, too, is decorative. 30 inches. Sow seeds where plants are to stand. Pkt. 15c; ½ oz. 30c; ¼ oz. 50c.

## 1 **ARMERIA**

Bright-flowered, long-blooming perennials these, of quite undifficult requirements, desirable for rock garden, border, or the taller for cutting. Nomenclature horticultural. "kt" culture. **CAESPITOSA**—4 inches. Green cushions, set closely over with lovely little pink blossoms. Pkt. 15c. **FORMOSA CARNEA**—18 inches. Flowers of a soft flesh pink. Long stems. Pkt. 15c; 1/16 oz. 40c. **JUNCEA ALBA**—16 inches. Pure white. Good, and particularly easy. Pkt. 15c. **GIANT HYBRIDS**—25 inches. Ever-blooming. Giant flowers in brilliant pink, rose, coral, violet. Pkt. 15c; 1/16 oz. 35c. OFFER 23A55—One pkt. each of the four for 50c.

1 **ARMERIA GLORY OF HOLLAND**—Big double flowers of purest pink, carried on 24-inch stems. Plants only, each 40c; 3 for \$1.10.

The most interesting writing may be by those who know least about the subject, whose roaming pen meets no inconvenient barriers of fact.

1 **ARENARIA**—erdk(2). Charming low plants for the sunny rock garden. **MONTANA**—Dense pavements of large white flowers over fine-leaved mats. Pkt. 15c; 3 for 40c. **LINIFLORA**—(*Bauhinorum*). Airy in leaf and flower, myriads of little white blossoms over tuft-mats of mossy leaf and stem. Pkt. 25c. **GRAMINIFOLIA**—Tallest species, to 15 inches. Narrow, grasslike leaves, white flower-sprays above. Pkt. 15c. **VERNA CAESPITOSA**—Dense, moss-like mounds. Pretty little white flowers. Pkt. 20c.

4 **ARTHROPODIUM**—Pretty New Zealand cousins of *Anthericum* with tufts of grassy foliage, from which rise racemes of little starry white flowers. For pot culture, North. In lower South may be handled in garden. **CANDIDUM**—w(2)14. Makes a compact, pretty pot plant. Pkt. 15c. **CIRRHATUM**—w(3)36. A taller plant, with bigger flowers. Pkt. 15c.

## 1 **ARTEMISIA or SILVERPLUME**

Fully hardy perennials of considerable decorative value, notable for silvery, aromatic fern-foliage. **FRIGIDA**—(3)30. Delightful in its soft and silky near-white ferniness. Pkt. 15c; 3 pkts. for 40c. **LACTIFLORA**—(4-5)72. The plants make desirable hardy border accents. The handsome panicles of creamy, honey-scented bloom are good for cutting. Pkt. 15c. **STELLERIANA**—(2-3)15. Dune-silver. Low undulate spreads of silvery feather-foliage. Good edger or ground cover. Adaptable, will even grow in almost pure sand. Pkt. 15c. **SCHMIDTIANA NANA**—(3)6. An exquisite dwarf from the Orient. Wide low mounds of dense, soft, moss-ferniness, silvery, sun-glinting. A very lovely little alpine, not difficult. Sometimes called Angel's Hair. Seedlings will vary a bit in height, but the plants we offer will come uniformly of the low form. Pkt. 25c. (Plants, good single-crown, one-season stock, each 40c). OFFER 24A55—One pkt. each of the four for 60c.



9 **ASIMINA TRILOBA**—yt. Hardy Pawpaw. Small tree with ornamental foliage and dark red flowers, centered yellow. Fruits like short, thick bananas are filled with a sweet custard pulp, rich and aromatic. Most folks like it, a few find it cloying. Safe to about Boston. ¼ oz. 15c; 1 oz. 50c.

## 1 **GAY ASCLEPIAS**

Hardy perennials that yet usually bloom first year from seed. Desirable for border or naturalizing. They cut well. "x" culture. **INCARNATA PULCHRA**—(3)35. Delightful soft pink. Pkt. 10c. **SPECIES AS HALLI** (so received, but likely a *Cynanchum*)—A hardy vine, to 6 feet, profuse in clusters of chocolate-colored flowers. Pkt. 15c; 3 pkts. for 40c. **MEXICANA**—(3)40. Fine leaves. Flowers silvery, with hint of pink. Pkt. 15c. (Plants, each 30c). **TUBEROSA**—(2-3)25. Brilliantly hued blossoms, usually rich and flaming orange, but at times shows variations from primrose yellow to near-scarlet. A long-lasting cut flower and a truly glorious perennial. Thrives in hot, dry places. Easy from seed. *Illustrated above*. Pkt. 15c; ½ oz. 30c; ¼ oz. 45c; 1/16 oz. 75c. (Plants, one year, each 25c; 3 for 70c). **SPECIOSA**—(2-3)30. Foliage all silver-frosted. Clusters of maroon-toned flowers. A decorative perennial. Pkt. 15c. OFFER 25A55—One pkt. each of the five for 60c. **ASCLEPIAS BLEND**—The above, with others, in mixture. Pkt. 15c; 3 pkts. for 40c.

### \* **BRAZILIAN BUTTERFLY FLOWER**

From buff, through gold, to orange scarlet range the oddly formed flowers of **ASCLEPIAS CURASSAVICA**. Even the buds are bright, all in a burnished coral. Handles well as a quick annual, garden-sown seeds giving glorious bloom from June until November. May also be grown as an everblooming pot plant. An excellent cut flower. 30 inches. *Illustrated page 3*. Pkt. 10c; ½ oz. 30c.

**1 ASCYRUM HYPERICOIDES**—ergkt(2)6. St. Andrew's Cross. Pretty cross-flowers of soft yellow load this wide decumbent. Rock garden or ground cover. Pkt. 15c.

**1 ASCYRUM STANS**—erbmkt(2)15. St. Peter's Cross. Taller than last, with larger flowers of brighter yellow. May need winter protection in cold areas. Pkt. 15c.



**GOLDEN ASPHODEL**

**2 ASPARAGUS FERN**—w. Decorative pot plants. Airy, fern-like foliage lace. **PLUMOSUS NANUS**—Upright habit. Pkt. 15c. **SPRENGERI**—Semi-decumbent sprays. Pkt. 15c.

**1 ASPERULA CYNANCHICA**—erkt(8)8. Pretty, airy rock plant with profuse sprays of pale bluish starlets. Pkt. 20c.

**1 ASPERULA GUSSONEI** (suberosa)—erkt(2)10. Graceful Sicilian alpine with sprays of tiny white flowers. Rock garden. Pkt. 15c.

**1 ASPERULA ODORATA**—Sweet Woodruff, lovable little rock garden or cover plant, a mat-former with clustered, dainty white flowers. 6 inches. The dried foliage is long, sweetly fragrant. It likes light shade. Plants, each 35c; 3 for \$1.00.

### 1 GOLDEN ASPHODEL 3

It is the true Golden Asphodel of the ancients, *Asphodeline lutea*. From rosetted twists of narrow, silvered leafage rise tall spires of crowded golden stars to perhaps five feet. Though it comes from sun-hot hill ledges about the Mediterranean, still it is of full winter hardiness here. *Illustrated opposite*. "kt" culture. Pkt. 15c.

### \* ASTERS ANNUAL

The oldtime name for them was China Aster, but botanically they are *Callistephus*. Desirable annuals of easy culture, quite unexcelled for summer and autumn cutting. **GIGANTIC LOS ANGELES**—36 inches. Clear pink, to 8 inch diameters, petals curled and interlaced. Pkt. 15c. **GIGANTIC EL MONTE**—Like last except that color is rich, glowing crimson. Perhaps largest flower of all. Pkt. 15c. **PEERLESS YELLOW**—30 inches. Fully double. Creamy primrose. Pkt. 16c. **PEONY PURPLE ROBE**—36 inches. Exceptionally full flowers, petals curled over the centers. Long stems. Deep royal purple. Pkt. 20c. **PEONY SWANS-DOWN**—Like last, but in purest white. Pkt. 20c. **PEONY ROSEBUD**—Like Purple Robe, but in clear rose. Pkt. 20c. **PEONY AZURE FAIRY**—An exquisite blue lavender. Pkt. 20c. **OFFER 28A15**—One pkt. each of the seven for \$1.00.

**ASTER CALIFORNIA GIANTS**—36 inches. Truly enormous flowers of feathery fullness, petals intercurled in manner of the great show *Chrysanthemums*. Wide color range. Pkt. 15c;  $\frac{1}{8}$  oz. 30c;  $\frac{1}{2}$  oz. 45c.

**ASTER AMERICAN BRANCHING MIXED**—36 inches. Big flowers of full doubleness, carried on long branching stems. Most largely planted strain, with perhaps greatest color range of any. Pkt. 15c;  $\frac{1}{8}$  oz. 25c;  $\frac{1}{2}$  oz. 40c.

**ASTER IMBRICATED POMPONS**—15 inches. Small, ball-like, dense flowers, center petals prettily quilled. Compact. Bedding or pot culture. Pkt. 20c.

**ASTER EARLY DAWN MIXED**—18 inches. Fine early-flowering strain. Good-sized double flowers in good color range. Pkt. 20c; 3 pkts. for 50c.

**ASTER RAINBOW SINGLES**—30 inches. Most graceful class for cutting. Long slender petals, small centers, good stems, colorings varied, vivid. Pkt. 15c;  $\frac{1}{2}$  oz. 35c.

**ASTER AVALON BLEND**—An unsurpassed mixture, all above with others. Pkt. 15c;  $\frac{1}{2}$  oz. 35c.

By shadow must always be light; less than a step between.

**1 AUBRIETA PEERLESS HYBRIDS**—erx(2)8. Splendid low perennials for the rock garden, or front of border, unsurpassed in brilliance of colorings. Easy to grow, and to delight in. Rose, lilac, purple and crimson in vivid, rich blendings. Pkt. 20c; 3 for 50c.

\* **AUREOLARIA PEDICULARIA**—bnstkt(3)30. Showy annual flowers of late summer. Branching plants, massed with blossoms of a glossy, golden yellow, with red-bronze shadings in reverse. *Aureolaria* is a thief-plant, its roots tapping those of the Oak, so don't try it except within the reach of Oak roots. Pkt. 15c.

## 1 THE HARDY ASTERS

Though called the glory of autumn, these true perennial Asters are not autumn flowers alone, for many of them bloom in summer, and several of the lower rock garden species come in spring. Valued in rock garden and border, and they cut. "kt" culture. **ALPINUS**—(2)12. An excellent early Aster, indispensable among the lower kinds, covered with large blue-purple flowers. Pkt. 15c. **BRACHYTRICHUS**—(2)10. From the Mongolian Altai. Solid mounds or low hedges of purple spring blossoming. Pkt. 20c. **CONCOLOR**—(4)40. Thickets of bright blue-violet. Tall, bushy, shade-tolerant. Pkt. 15c. **DWARF HYBRIDS**—A group of summer-flowering Asters, complex hybrids, that make bushy, rounded plants closely set over a long season with bright flowers in the whole Aster color range. About 10 inches average height. Pkt. 20c. **ELONGATUS**—(3)12. Unique South African with big flowers, white, usually with crimson zoning. Protect in winter. Pkt. 20c. **LINARIIFOLIUS** (*Ionactis*)—(4-5)15. Gold-centered lavender daisies are carried in rather close, upfacing clusters. Makes big clumps. As many as 63 flowering stems have been counted from one plant. Foliage narrow, heathery. Full sun. Pkt. 15c; 3 for 40c. **NOVIAE-ANGLIAE**—(5)50. New England Aster. Here is the cap-sheaf of the season, the wine-glowing rich culmination of its color harvest. Big many-rayed flowers in blue-violet to deepest purple, in rosy pink to rosy red. Seeds saved chiefly from fine named varieties. Pkt. 15c;  $\frac{1}{32}$  oz. 25c. (Plants each 30c; 3 for 85c). **NOVIBELGI HYBRIDS**—(3)30. It rules its season, the latter half of summer, coming before *Noviae-Angliae*, but overlapping a bit with it. Wide, bushy plants filled with flowers that may be white, mauve, lavender, lilac, pink or rose; single or semi-double. Pkt. 15c; 3 pkts. for 40c. **PTARMICOIDES**—(3)15. Pure white flowers in wide, flat, corymbose sprays. Desirable for dry, sunny positions. Pkt. 15c; 3 for 40c. **SPECTABILIS**—(3-4)24. The Showy Aster. Lovely, informal, blue-violet flowers of quite surprising size. Shade-tolerant. Pkt. 15c; 3 pkts. 40c. (Plants, each 35c). **TARTARICUS**—(6)72. The latest, and tallest, of the Asters. Many high clusters of big flowers in soft blue. Pkt. 15c; 3 pkts. for 40c. (Plants, each 35c; 3 for 95c). **OFFER 251A55**—One pkt. each of above for \$1.75.

**ASTER HARDY PERENNIAL BLEND**—The above, with others. An excellent mixture. Pkt. 15c; 3 pkts. for 40c.

**ASTER WARTBURG STAR**—A splendid low Aster (12 inches), with particularly large lavender-violet flowers. June-July. Plants only, each 45c; 3 for \$1.25.

**ASTER CONSTANCE**—Flowers of true shell-pink completely cover the plants, these bushy, about 9 inches high and through. Late September and October. Plants only, each 45c; 3 for \$1.25.

**ASTER HYBRIDUS LUTEUS** (*Solidaster lutea*)—Great flattened panicles of little starry flowers that open pure yellow, but age to cream. 30 inches. Late summer and early autumn. Plants only, each 40c.

**ASTER VIOLETTA**—45 inches. Blossoms of rich, deep purple-violet, semidouble. September on. Exceedingly free-blooming. Plants, each 45c.

**ASTER RED ROVER**—Vivid Aster of early to late autumn, the flowers deep rosy red. Long in bloom. 30 inches. Each 40c.

**ASTER FRIKARTI**—An everblooming hybrid, blossoming continuously for months. Big, long-rayed lavender blossoms. Spectacular. Plants only, each 50c; 3 for \$1.40.

**ASTER HARRINGTON PINK**—48 inches. Masses of lovely rosy pink through September and well into October. Plants, each 45c.

**ASTER BLUE GEM**—30 inches. Semi-double flowers of pure, bright blue. Perhaps best in this color. Plants, each 40c.

### 1 ASTILBE

Feathery flower-plumes, exquisitely fashioned, in white, cream, many a delightful pink, rose or carmine. Handsome winter-hardy perennial for either garden planting or forcing in pots. "kt" culture. Mixed colors. Pkt. 20c; 3 pkts. for 50c. (Plants available of **PINK PEARL**, fluffy, soft pink panicles, each 60c; **GRANAT**, striking crimson with salmon reflections, each 55c; **SIMPLICIFOLIA ROSEA**, dainty dwarf in airy rose pink, each 50c; one each of the three for \$1.50).

**ASARUM CAUDATUM**—stkt(2)7. Wild Ginger. Heart-shaped evergreen foliage and little chocolate flowers. Ground cover for damp, rich shade, or for shaded rock garden. Pkt. 15c.



### 5 THE BRIGHT AZALEAS

They are not difficult from seeds sown in early spring or late autumn, providing that one uses the care that any fine seed requires. Make the sowing in a sandy seed bed, or far better, in a bed, pot or flat filled with a mixture of sand and leaf mold or untreated peat. Shade the seed-bed a bit. Line the seedlings out into soil that is on the acid side. If yours isn't already that, you can make it so by treating with aluminum sulphate, or by adding decayed oak leaves, peat, old sawdust or like acid material. **ALTA CLARENSIS**—Fine deciduous hybrid large yellow and orange flowers. Pkt. 20c. **CALENDULACEA**—Salmon orange to orange scarlet. Deciduous. Pkt. 20c. **JAPONICA**—Bells in rose-salmon, orange, or scarlet. Pkt. 20c. **KAEMPFERI**—Torch Azalea. Bright red, rarely varying to pink or rose. Evergreen. Pkt. 20c. **MOLLIS**—Before the leaves, bell-blossoms from soft yellow, through gold, to rose-salmon. Pkt. 20c. **NUDIFLORA**—Pinxterbloom. Usually pink, sometimes blush or white. Pkt. 20c. **OCCIDENTALIS**—Blossoms blush-pink with yellow blotch. Fragrant. Pkt. 20c. **SCHLIPPENBACHII**—Big pink flowers, spotted rich brown. Fragrant. Pkt. 20c. **VASEYI**—Clustered flowers shell pink to rose. Blooms at early age. Pkt. 20c. **VISCOSA**—Sparkling blossoms, wax-white to blush. Young plants only a few inches tall will bloom. Pkt. 20c. **OFFER 27A75**—One pkt. each of the above for \$1.75.

**AZALEA HARDY BLEND**—Seeds of above, with others, in mixture. Pkt. 20c; 3 pkts. for 50c.

**AZALEA KURUME HYBRIDS**—A splendid strain of low Azalea, immensely varied as to color, and often with semi-double flowers. Very young plants just a few inches high will bloom heavily. Fully winter-hardy at Philadelphia, but in much colder areas will require sheltered position and a degree of winter protection. Often grown as a pot plant. When so handled, should be plunged in the garden in summer. Forces readily. Seeds from fine named sorts, supplied in mixture. Pkt. 25c; 3 for 65c.

**AZALEA KURUME PLANTS**—Fine young plants running four to six inches of height. These should give a few nice flowers this spring, very many next spring. Four varieties at uniform price of each 45c; 3 for \$1.20; one each of the four for \$1.60. **SALMON BEAUTY**—Big flowers in soft salmon pink. **SNOW**—Purest of whites. Flowers hose-in-hose. **PINK PEARL**—Deeply tinted pink. Rich. **HINO-DEGIRI**—Flowers scarlet, in the most vivid of tones. Exceedingly free-blooming.

\* **BAILEYIA MULTIRADIATA**—ecdk(2-5)18. Well called the **SUNLIGHT FLOWER**, for the blossoms are living embodiment of warm sunshine gold, each with its double ruffle of glossy yellow petalage about the little golden center cushion. Foliage silvery. The long-stemmed flowers appear in continuous succession from late May until November. Drought-resistant. Must have full sun. Sow early. 18 inches. Pkt. 20; 3 for 50c.

\* **BALLOON VINE**—Cardiospermum. Quick and easy annual vine for fence, screen or trellis. Sprays of little white flowers are followed by large, inflated, balloon-shaped seed pods. Pkt. 10c.

\* **BALSAM APPLE AND PEAR**—ek(9)100. Momordica, a decorative annual vine with yellow flowers and odd pear or apple-shaped fruits that split to show interestingly carved red seeds. Pkt. 10c.

1 **BALSAMORHIZA SAGITTATA**—rbkt(2-3)17. Silvered foliage from which rise 16-inch stems that carry blossoms like golden Sunflowers. Pkt. 15c.

### 4 BABIANA 3

Bright-hued South African bulb-flowers that grow rather easily from seed, usually blooming within the year. North, grow in pots (Freesia handling), or if well enough protected with straw or leaves they are likely to winter outside. If they are close to the wall of a heated basement, south side of the house, they should live and thrive for years, for such a position gives them about the winter climate that exists in the open some 300 miles to the south of you. Mixed colors, indigo, pansy purple, white mauve, cream, yellow. Pkt. 15c; 1/8 oz. 40c. *Illustrated page 26.*

### \* BALSAM (Annual Impatiens)

Oriental effects in color massing. No easier annual flower.

**BALSAM AVALON BLEND**—ecbx(8)30. Big flowers, well-doubled. There will be pure pinks, rose, salmon, vivid red, lilac and lavender, with whites, clear or with pink suffusion. Pkt. 10c; 1/8 oz. 25c.

**BALSAM BUSH BLEND**—ebx(8)15. Dwarf, rounded plants, the first blossoms carried at the branch tips, so not hidden by the leaves. White, varied pinks, rose and vermilion in mixture. Desired form for edgings, bedding, porch boxes or pot culture. Pkt. 20c.

**IMPATIENS ROYLEI**—ebmtx(3-4)70. Mountain Jewel. From mountains of India comes this handsome, robust Balsam. Big, airy flowers, soft pink to deep purple. Pkt. 20c.

**IMPATIENS BIFLORA**—ebmtx(3)50. Wild Jewel-flower. Pretty, airily swung flowers of orange yellow, spotted red-brown. Pkt. 15c.

**OFFER 30A15**—One pkt. each of the four for 55c.

### 3 ORNAMENTAL BANANA 4

The true Banana (Musa) may be used effectively for exotic, decorative foliage displays out of doors in the North. At Old Orchard we have had them reach full ten feet of height in a summer, great sweeps of arching, swaying leaf-fans. In late autumn the plant may be dug, cut off a few inches above the ground, and the enlarged root or "bulb" packed upright in sand and kept in a frost-proof, dry place until spring. Easy from seed. 6 seeds for 25c.

### 1 BAPTISIA or FALSE INDIGO

Here is real and dependable beauty in the Lupine suggestion. Long-lived, fully hardy perennials of many values. It cuts. "kt" culture. **AUSTRALIS**—40 inches. Leafy, branching plants, crowded with big and showy spray-spikes of indigo blue flowers. Splendid in border, as a cut flower, or as an annual hedge. Pkt. 10c; 1/4 oz. 35c; 1 oz. \$1.25. **BRACTEATA**—12 inches. Lovely flowers of soft, creamy yellow in enormous wistaria-clusters. Blooms rather early. Pkt. 15c; 3 for 40c. **VILLOSA**—25 inches. Massive flower clusters in bunch-of-grapes shape, all of a rich golden yellow. Handsome. Spring. Pkt. 15c. **LEUCANTHA**—50 inches. Long, tapering spires of white blossoms. It blooms in summer. Pkt. 15c; 1/8 oz. 35c. **TINCTORIA**—45 inches. Branches tipped with little golden flower-clusters. Will naturalize. Pkt. 15c; 3 pkts. for 40c. **OFFER 301A55**—One pkt. each of the five for 60c. **BAPTISIA BLEND**—The above, with others. Pkt. 15c; 1/8 oz. 25c; 1/4 oz. 40c.

**SALMAGUNDI** doesn't always mean pickles. One dictionary meaning is "a medley," and our particular **SALMAGUNDI**, offered here, is surely that. It is a mixture of seeds of pretty nearly every thing we offer, including Treasure Chest listings, and of a few we don't as yet catalog (left-overs from our own trial sowings). Of some kinds there will be just a trace, of others much, for this is where old seeds go. Seeds are mostly one-year old, a few older. They won't all grow, but a lot of them will, and at low price at which this is sold, you can be pretty sure of getting excellent value in plants from it. **NOTE PLEASE**, that we cannot undertake to identify specimens sent in of plants grown from Salmagundi. We are too short of help for that these days. Not less than 1/4 oz. sold. 1/4 oz. 20c; 1/2 oz. 35c; 1 oz. 60c; 1/4 lb. \$2.00.

1 **BARBAREA RUPICOLA**—erx(2)6. "Cheiranthus" flowers in brightest yellow. A pretty rock garden perennial. Pkt. 20c.

\* **BARTONIA AUREA** — eodx(2-4)24. Sweet Stargold (botanically *Mentzelia Lindleyi*). Showy annual with big, glistening golden flowers all summer. Pkt. 10c.

## BEGONIA

Handsome, long-blooming window, conservatory, or outside bedding plants, decorative in flower and foliage. They mostly like, or will at least tolerate, a bit of shade.

2 **BEGONIA EVERBLOOMING BLEND**—w. It may be kept in bloom as a pot plant pretty much the year through. It was so, indeed, that it earned its old name of Blossom-fool. for as long as there is life in it there are flowers on it. Blossoms will be white, pale pink, rose, scarlet or crimson, the foliage sometimes bronzed or red-tinted. A wonderful pot plant in window or conservatory, but much used, too, for summer bedding. This is a mixture of the better sorts of the *semperflorens* and *gracilis* sections. We produce our own seed. Pkt. 20c; 3 pkts. for 50c; 10 pkts. for \$1.50.

2 **BEGONIA INDIAN MAID**—A most handsome variety, always in bloom. Fine flowers of deep salmon pink, carried over foliage of rich bronze-mahogany. Plants only, each 35c; 3 for \$1.00.

2 **BEGONIA LUXII PILOSIOR**—Low-growing species with ornamental foliage. Pretty pink flowers. Pkt. 25c.

4 **BEGONIA INVOLUCRATA**—w. Large corymbs of fine white flowers. Leaves decorative, large and succulent. Root a rhizome. A strong grower. Pkt. 20c.

2 **BEGONIA MULTINERVA**—w. Pale pink or white waxy flowers in big, showy clusters. A well-shaped bushy plant. Will endure sun if kept watered. Pkt. 20c.

4 **BEGONIA TUBEROUS SINGLE MIXED**—w. Flowers of great size, in gorgeous color range, and that includes orange, pink, rose, salmon, scarlet, white and yellow. Makes an exceedingly attractive pot plant, or may be used effectively for outside bedding in a shady place if kept well-watered. Tubers may be stored over winter in dry sand. Pkt. 35c.

4 **BEGONIA TUBEROUS DOUBLE MIXED**—Flowers large, fully double. Same inclusive color range as the Single Tuberous. Highest quality mixture. Tubers only, February, through May, but early orders are advisable this year., each 30c; 3 for 75c; 10 for \$2.25.

3 **BEGONIA EVANSIANA**—w. This is the winter-hardy Begonia, surviving most northern winters, even as far up as Ottawa, if given protection of leaves or litter. Pure pink blossoms are carried well above the leaves, over a long season. Good glossy foliage, red-netted below. 24 inches. Pkt. 20c; 3 pkts, for 50c. *Illustrated page 49.*

**OTHER BEGONIA SPECIES**—Several in Treasure Chest.



\* **BELLS OF IRELAND**—edx(3-4)30. It is that odd Syrian beauty, *Molucella laevis*, called so because that name so descriptively suggests itself to those who see it. The several branching stems are closely set with big bell-calices of pale, translucent green. Within each calyx lies a curiously formed little white flower. *Illustrated opposite.* *Molucella* cuts well as a fresh flower, also the spikes may be dried for winter decoration as a straw-flower. Pkt. 15c.

1 **BETONICA GRANDIFLORA**—Beautiful, long-blooming perennial for rock garden or border. Rather large and showy blossoms of rich purple-violet, carried in loose spikes. Good foliage. 18 inches. Plants only, each 40c.

1 **BETONICA OFFICINALIS**—ebx(3)28. Dense spikes in vivid purple or soft rose pink top the many tall stems. Showy. Both this and the preceding, are technically of *Stachys*. Pkt. 15c. (Plants, each 35c).

\* **BIDENS**—Here are golden-flowered annuals just over the border from *Cosmos*, edging toward *Coreopsis*. Quick and easy from seed. **HUMILIS**—Ecuador or Miniature *Cosmos*. Starry flowers of rich yellow, carried in massed profusion. 18 inches. It cuts. Pkt. 15c. **INVOLUCRATA**—Showy native wild-flower of late summer. Large blossoms of deep yellow, sometimes near orange at petal base. Will naturalize. Pkt. 10c; 1/4 oz. 20c.

\* **BELLIS PERENNIS FINE MIXED**—erkt(1-2)6. English Daisy. Desired for spring bedding, edgings, porch boxes. Double, in blend of red, rose and white. Offered subject arrival. Pkt. 20c; 3 pkts. for 50c.

## THE BLACKBERRY LILIES 3



Here are enduring perennials for sun or shade, good cut flowers, desirable, too, in the mixed border. Easy from seed, often blooming first year if sown early. Botanically **BELAMCANDA** (syn. *Pardanthus*). **BELAMCANDA CHINENSIS**—ecbstk(3-4)48. Pretty orange-and-crimson blossoms, then glossy "blackberry" seed-clusters that may be dried for winter bouquets. *Illustrated page 9.* Gives interesting effects planted in association with *Iris dichotoma*, the *Vesper Iris*, which see. Pkt. 15c; 1/4 oz. 40c; 1 oz. \$1.40. (Plants, each 30c; 3 for 80c; 10 for \$2.40).

**BELAMCANDA AVALON HYBRIDS**—Surprising variations of color, form and height will show in this wonderful new strain, the result of Old Orchard hybridization, *Flabellata* crossed on *Chinensis*. Flowers may be pale, unmarked yellow, bright yellow with orange dots, orange alone, yellow dotted with crimson, roseate orange, apricot with darker spotting, creamy yellow with deep yellow center stripe. The height may be anything from 12 inches (the *Flabellata* parent being dwarf and compact) up to four feet, and the blossoms may be carried in tight, close clusters or in widely panicked open sprays. Always the flowers are followed by the showy and interesting "Blackberry" fruit-clusters. Pkt. 20c; 1/4 oz. 35c. (Plants, each 40c). *Illustrated above.*

We move, and open new paths; we rest, and review old paths.

2 **BELOPERONE GUTTATA**—\*ex(8)15. Shrimp Plant or Dwarf *Chuperosa*. Little lilac-tinted white flowers peer from showy red-brown bracts, these closely imbricated in gracefully drooping form. Makes an interesting pot plant for window garden or greenhouse. Also, handled in manner of *Scarlet Sage*, may be effectively used for summer garden planting. Pkt. 20c. (Plants, each 35c).

5 **BERBERIS THUNBERGI ATROPURPUREA**—True Red-leaf Barberry, the brilliantly colored foliage varying from bright red to black-maroon, always richest in sun. It comes true from seed, germinating with fair ease from early spring sowings. Splendid for informal hedges, for foundation plantings, or as specimens for accent. The shining red berries make long, gay showing. Note, please, that this Barberry species is not a host for wheat rust. Pkt. 15c; 1/8 oz. 30c; 1/4 oz. 50c.

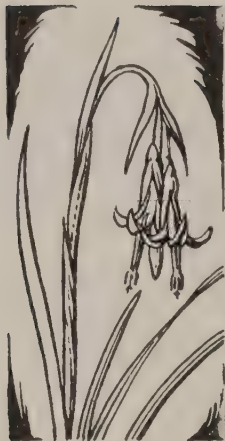


**BERBERIS SPECIES**—For seeds of other Barberries, see our TREASURE CHEST folder, sent on request.

2 **BESCHORNERIA YUCCOIDES**—w(x)(3)50. Decorative Amaryllid, usually grown as a large pot plant. Red-stemmed panicles of rose-bracted flowers rise from leaf-rosettes that are like nests of aroused sword blades. Pkt. 20c.

3 **BESSERA ELEGANS**—Lady's Eardrop. A garden-easy bulb of considerable charm. Intricately formed blossoms of bright coral with orange suffusions, striped creamy within, and with blue anthers, are carried in nodding, swaying umbels on slender 20-inch stems. It cuts. *Illustrated opposite.* Give bulbs gladiolus handling throughout, save that a covering of dry sand is advisable while they are in winter storage. Bulbs, spring delivery, each 40c; 3 for \$1.10; 10 for \$3.10.

\* **BLUE LACE FLOWER**—ex(3)20. *Didiscus*. Pretty clusters of exquisite blue lace. Pkt. 10c; 1/8 oz. 20c.



**2 BILLBERGIA NUTANS**—Delightful pot plants, *illustrated opposite*. Pretty, pendant blossoms in tricolor effect, the bracts bright red, the petals green, edged with vivid blue. Each 40c; 3 for \$1.10..

**1 BOCCONIA CORDATA** — ebx(3-4)70. Plume Poppy. Sprays of feathery, chamoistened flowers, followed by tan-colored seed-plumes. Botanically Macleaya. Pkt. 15c.

**1 BOLTONIA LATISQUAMA** — ebx(4)60. Airy "Aster-blossoms" near to two months of them in blush white to pale pink. Excellent perennial. Pkt. 10c; ¼ oz. 35c.

**3 BOWIEA VOLUBILIS** (Schizobasopsis) —ek(w)(9). These odd bulbs send up curious tangles of succulent, green-translucent, leafless stems. Little buff-green

flowerstars. Gladiolus storage and winter culture, or may be grown in pots. Pkt. 15c.

**1 BOYKINIA JAMESI**—rstkt(2)6. Clustered flowers of pink-carmine in clusters on 6-inch stems above shining, toothed foliage. An exquisite alpine. Pkt. 25c.

\* **BRACHYCOME MIXED**—erx(3)10. Swan River Daisy. Pretty Australian annual daisy that will give all-summer bloom in blue, rose, and white. Pkt. 10c.

**3 BREVOORTIA IDA-MAIA**—ebkt(2)30. A hardy bulb called Firecracker Flower from the several tubular blossoms of brilliant, emerald-tipped scarlet that top each slender stem. Pkt. 15c; 3 pkts. for 40c.

\* **BROWALLIA ELATA MIXED**—ebx(8)25. Blossoms of deep rich blue, or rarely white. Attractive, long-blooming annual. Pkt. 10c; 3 pkts. for 25c.

\* **BROWALLIA SAPPHIRE**—erx(3-5)10. Profuse flowers of deepest blue-sapphire, white-centered. Splendid for pots, porch boxes, beds. Pkt. 25c.

**1 BRUCKENTHALIA SPICULIFOLIA**—rkt(2)10. Tufted heath-like shrublet with soft needle-leaves like evergreen fur, pretty little pink flower-bells above. Pkt. 20c.

## 5 BUDDLEIA or BUTTERFLY BUSH 1

Flowers of soft blue, lilac, lavender, rose-violet, glowing wine purple, sometimes in pink, and one or two species even of orange, are carried in long, dense tapering, racemes over a period of many weeks. At Philadelphia, most of the Buddleias are winter-hardy shrubs. In colder climates they may behave as herbaceous perennials, only the roots living over, and new stems arising each season. Since they bloom on the new growth, this doesn't lessen the number of flowers. In very cold areas the roots of any of them may need protection in winter of leaves or straw. The species and strains with orange or white flowers, and some of those with red-violet blossoms are rather less winter-hardy than are the kinds with lilac, lavender, mauve or blue



flowers, and will need winter mulching in areas where the others may not. Buddleias grow with ease from seed, germination coming quite quickly. Almost always at least one or two trusses of bloom will appear on seedling plants the very first summer. There are likely to be many interesting color variations, for the seed we offer is saved from a mixture of species and hybrid strains that among them cover about the whole of the Buddleia color range, including orange, with pink and rose, but expect highest proportion blue, lavender and violet. See Treasure Chest for separate species. Pkt. 20c; 3 pkts. for 55c; 6 pkts. for \$1.00.

**BUDDLEIA PINK CHARMING**—Near to pure pink. Small plants, each 55c; 3 for \$1.50.

**BUDDLEIA ALTERNIFOLIA**—Garland Buddleia. Lilac flowers carried along slender branches in wreath effect. Limited number of small plants, each 60c.

## 6 BORONIA MEGASTIGMA

So delightful, full and pervasive is the perfume of it that it has been called the world's sweetest flower. Bell-shaped blossoms, rich brown-maroon outside, yellow within, make a pleasant showing for some three months. Fairly quick in coming into bloom. It makes a superb pot plant for the cool house. It cuts. *Illustrated above*. Pkt., 10 seeds for 25c; 3 pkts. for 70c.

## 3 AN EASIER ORCHID 4



THE EASIEST ORCHID

It is **BLETILLA HYACINTHINA**, easiest of hardy Orchids, and one of the lovelier. It may even be grown from seed without need of too great skill, three-year-old seedlings often flowering freely. Remember, though, that Orchids to be grown from seed need patience and careful attention, but we give pretty explicit directions in the circular we send with each order, and very many of our customers do succeed, and have so written us. Bletilla is an attractive Orchid with fairly large blossoms of amethystine purple, sweetly fragrant. Fully hardy at Philadelphia without any special protection. Clumps will increase in size from year to year. This fine Orchid may also be grown in pots for winter bloom, forcing readily under Freesia care, and flowering long and freely.

## 3 BRODIAES FOR DELIGHT

Seeds, purple form, pkt. 25c; white form, pkt. 30c. Bulbs, October-November delivery only, each 75c; 3 for \$2.10. *Illustrated above*.

We like their slender, grace, their soft colorings and amazing diversities. Sometimes the blossoms, stars to trumpets are carried in loose umbels, but again they may be gathered in tight, capitate clusters. There will be suffused white, lavender, lilac, mauve, purple, with others in rosy pink or in salmon-toned yellow. Of about same winter-hardiness as the Tulip. *Illustrated back cover*. 12 to 20 inches. "kt" culture. Fine mixture. Pkt. 15c; ¼ oz. 35c.

## \*THE BUTTER-DAISY

All of a shining, glistening butter-yellow are the wide, jagged, over-lapping petals of the Butter Daisy, these circling small, fluffy yellow centers. It grows to 40 inches, and it is full of bloom June until into November. A splendid cut flower. *Illustrated page 3*. It is **VERBESINA ENCELIOIDES**. An easy and quick annual flower. Pkt. 10c; ½ oz. 20c.

\* **CALANDRINIA GRANDIFLORA**—edx(2-5)30. Each blossom is a two-inch width of gorgeous rose purple, and the blossoms are many, in succession for months on end. The flowers are carried high over branched rosettes of thick, succulent foliage, green, with slight silvered cast. A nice annual for the sunny garden. From Chile. Pkt. 15c; ¼ oz. 30c.

**1 CALANDRINIA UMBELLATA**—\*erdk(9)3. You may treat this as a rock garden perennial if you wish, giving it a hot dry place, with, in winter, the favor of a straw or leaf overcoat, and then it will each year flame anew for months of glowing purple blossom-fire. If you prefer not to bother with the trifle of extra care needed for its perennial bonus, then it is easy to consider, and handle it as an annual, for it comes into bloom in just a few weeks after the seed is sown. From dry coastlands of Peru. Pkt. 15c; 3 pkts. for 40c. (Also available in the variety **AMARANTH**, an English selection of intensified coloring and more compact habit, at 25c the pkt.).

## CACTUS FLOWERS

Lovely blossoms are here, along with bizarre, decorative foliage forms. The flowers may be lemon, golden, cinnabar, pure red, purple, rose, pink, or in pastel tones, and in few plants are they more showy. Though mostly grown as pot plants, it will be noted that some of the kinds, with slight protection, will winter in northern gardens.

**NYCTOREREUS SERPENTINUS**—Showy fragrant flowers, three inches across, blush-suffused white within, rose-shaded without, are carried on cylindrical, bright green stems that twine and clamber. Should be staked. Young plants, 5 to 6 inches, each 45c; 3 for \$1.20.



**SELENICEREUS MACDONALDIAE**—A magnificent species is the Queen of the Night, by far the finest night-blooming Cereus. The blossoms come in spring, snowy white, sometimes fifteen inches across, the largest in the Cactus family. Single-stem plants, 5 inches up, each 40c.

**SELENICEREUS HYBRID**—A direct cross of two splendid species, MacDonaldae (above) and Pteranthus, a Moon-Cactus with angled, blue-green stems and big, snow-white, cup shaped flowers, intensely fragrant. Seeds only, 10 seeds for 25c; 30 seeds for 70c.



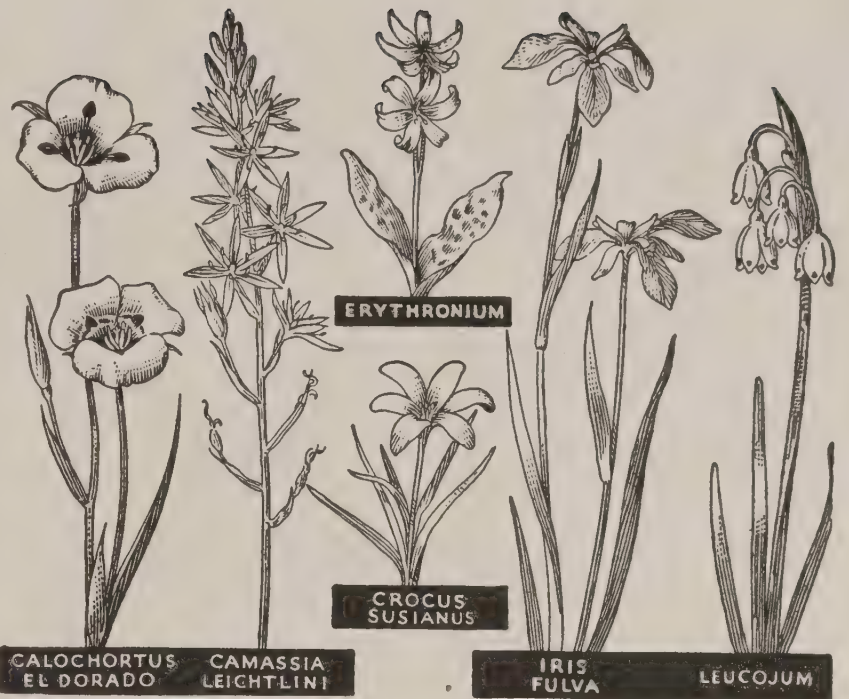
**EPIPHYLLUM PEERLESS HYBRIDS**—w. Phyllocactus. Certainly the freest flowering of any Cactus group, and perhaps the showiest in bloom among all house plants, are these, the Epiphyllums, *illustrated opposite*. Magnificent blossoms in cream, pink, orange, scarlet, crimson, lavender and purple. 10 seeds for 25c; 50 seeds for \$1.00.

**EPIPHYLLUM PLANT CUTTINGS**—We offer cuttings, mostly unrooted, at 3 cuttings for \$1.00, each of the 3 different as to color of flower, but colors not specified or marked, or single cuttings will be supplied at 40c each, no choice of flower color but all good. Plant in dry sand or sandy potting soil, and give no water until roots begin to form.

**CACTUS ORNAMENTAL BLEND**—w. Most of the kinds included are ones not winter-hardy north, so intended chiefly for pot culture. Weird and curious stem formations, with richly hued, feathery flowers, followed by "jewel" fruits. Wonderfully diverse blend, including all sections save Epiphyllum and Selenicereus. 25 seeds for 15c; 50 for 25c; 100 for 45c; 500 for \$2.00; 1000 for \$3.75.

**SEPARATE CACTUS GROUPS**—We can supply seeds of the following Cactus groups at uniform price of 20c the pkt., 3 pkts. for 50c, number of seeds per pkt. running from 10 to 20 according to kind. Excepting Melocactus intortus and Cephalocereus senilis, all below are mixtures, and a goodly representation of varied decorative species is included in each. *Astrophytum Mixed*; *Coryphantha Mixed*; *Echinocereus Mixed*; *Echinops Mixed*; *Harrisia Mixed*; *Mammillaria Mixed*; *Ferocactus Mixed*; *Lobivia Mixed*; *Gymnocalycinum Mixed*; *Notocactus Mixed*; *Thelocactus Mixed*; *Trichocereus Mixed*; *Melocactus intortus*, the odd Turk's Cap Cactus; *Cephalocereus senilis*, the fantastic Old Man Cactus. OFFER 32A55—One pkt. of each for \$2.25.

**CACTUS WINTER-HARDY KINDS**—Here are year-around kinds for your garden, species that will endure much cold, some of them temperatures well below zero. When you carry them through outside, be sure they are in a well-drained position. Then in late autumn, after the pads and stems have shrunken and wrinkled to their natural over-winter state, mulch with coarse litter, as cornstalks or evergreen boughs, something that will not mat down and become soggy. "kt" culture. **MAMMILLARIA VIVIPARA**—Grouped, tufted green cushions, spiny, knobby, set with vivid flowers of radiant rose purple. Pkt. 20c; 3 pkts. for 50c. (Plants each 40c; 3 for \$1.10). **ECHINOCEREUS RIGIDISSIMUS**—Cylinders with vari-colored spine-bands, cream, yellow, rose, maroon-purple, called from them Rainbow Cactus. Showy flowers of rose-purple, the petals yellow at the base. Pkt. 20c; 3 pkts. for 50c. **ECHINOCEREUS ENGELMANNI**—Strawberry Cactus. Large flowers, pink to rose-purple are carried on the clustered, ridged stem-cylinders. Bright red fruits, edible, delicious. This species bears cold to only about 10 above zero, so should have careful winter protection in colder areas. Pkt. 25c. **OPUNTIA PHAECANTHA**—Large flat pads set with needle spines. Big bright yellow flowers are followed by edible purple fruits. Pkt. 20c. (Plants, each 35c). **OPUNTIA ARENARIA**—Mats of low pads set with big red flowers. Prefers sandy soil. Pkt. 15c. **OPUNTIA MACRORHIZA**—Piled thick green pads. Large flowers of creamy yellow, petal bases stained with copper orange. Pkt. 15c. (Plants each 35c). **OPUNTIA IMBRICATA**—Branching stems that are like thick, green, spine-set ropes, all in miniature tree form. Gay purple flowers. Pkt. 15c; 3 pkts. for 40c. (Plants, each 50c). **OPUNTIA COMPRESSA**—Tangles of glossy green pads, near spineless. Attractive flowers of bright lemon yellow. Exceedingly free-blooming. Pkt. 15c. (Plants each 25c). **OPUNTIA POLYCANTHA**—Blue-green pads set with silvery spines. Flowers pale lemon, sometimes with faint red suffusion. Pkt. 20c. **OPUNTIA TORTISPINA**—Creeping species with purple-shaded pads and long, slender spines. Sulfur yellow fruits. Pkt. 15c. **OPUNTIA RAINBOW HYBRIDS**—Varied pad forms and colorings. Showy blossoms in cream, yellow, pink, rose and violet. 10 seeds for 25c. OFFER 33A55—One pkt. of each for \$1.75.



### 3 CALADIUM FANCY-LEAF 4

Rose, crimson, bronze-purple, translucent cream, vivid emerald, all zoned, splashed and margined are the Calla-like leaves, as bright and showy as any blossom could be. A desirable, colorful pot plant, or the tubers may be planted outside in spring for effective summer bedding. Tubers, November through May, fine mixture, each 35c; 3 for 95c; 10 for \$2.80.

An attempt to set phases of one's life off into separated airtight compartments can end only in a bitter futility. A whole, sound life is as necessary as a whole, sound body. If your work be not part of your real living, then you are only partly living.

\* **CACALIA MIXED**—ex(8)25. Paint-brush Flower. Blossoms that are tufted fluffy tassels, some that seem to have been dipped in paint of vivid red, others in golden orange. A gay and easy annual, in bloom for months. Botanically *Emilia sagittata*. Pkt. 10c; 3 pkts. for 25c.

2 **CALCEOLARIA PEERLESS HYBRIDS**—w. The big pocket or purse shaped blossoms are carried in a long, profuse freedom that makes Calceolaria notable among pot plants. Brilliant colorings, from lemon, through gold and brown, to copper and crimson, often splashed and tigered contrastingly. Usually grown as a window or conservatory plant, but can be used for outdoor summer bedding. Pkt. 35c; 3 for \$1.00.

\* **CALCEOLARIA SCABIOSAEFOLIA**—bk(3)20. Pretty annual for the summer flower garden. Blossoms are small, purse-shaped, soft yellow, and produced in long freedom. From Peru. Pkt. 20c.

\* **CALCEOLARIA GRACILIS**—bk(3)20. This Ecuador species has primrose yellow flowers, and the leaves are white below; otherwise like last, and as desirable. Pkt. 20c.

**CALLICARPA**—k. Whorls of pretty little lavender flowers, then shining decorative berries. North, a root-hardy, (with winter mulching), herbaceous perennial. South, a shrub. **AMERICANA**—Berries glossy red-violet. French Mulberry. Not edible. Pkt. 15c; 1/8 oz. 25c. **AMERICANA ALBA**—Berries snowy white. They cut. Pkt. 20c.

9 **CATALPA SPECIOSA**—k. Rapid-growing tree for shade or wood. Handsome flowers. Pkt. 10c; 1 oz. 40c.

### 1 AVALON ROCK GARDEN BLEND

Seeds of the world's finest rock garden plants are here, near to 400 kinds of them, all hardy. It includes every perennial we grow that is of temperament and figure to neighbor pleasantly with rocks and ledges. Doubt that anyone has better facilities for making up such a mixture, considering the large number of rare and desirable kinds that we actually grow and offer. Remember, some will be quick germinating, others are by nature, slow, so don't destroy seed-bed too soon. 1/32 oz. 35c; 1/8 oz. 60c; 1/4 oz. \$1.00; 1/2 oz. \$1.75; 1 oz. \$6.00.

## \* CALENDULA

Splendid cut flowers are the Scottish Marigolds (Calendulas), and decorative, too, as they grow in the summer garden. Of easiest handling, and long in bloom. We offer selections from the best of many sorts, in brightest yellow, old gold, orange with scarlet sheen, tangerine, apricot, cream-primrose; from even, formal fullness, through shaggy and quilled arrangements to Chrysanthemum interlacings and crestings. One blend, the very best that we know how to make up. Order it as CALENDULA AVALON SPECIAL. Pkt. 15c; ¼ oz. 35c; ½ oz. 60c.

**NAMED CALENDULAS**—Priced per pkt. **CAMPFIRE**—Big, solid flowers of brilliant orange, with scarlet sheen. Pkt. 10c. **CHRYSANTHA**—Shaggy, informal yellow. Pkt. 10c. **LEMON GIANT**—Very large lemon yellow with dark brown center. Pkt. 15c. **RADIO**—Oddly quilled orange. Pkt. 10c. **MASTERPIECE**—Massive orange blossom with red-brown centers. Pkt. 15c. **OFFER 34A15**—One pkt. each of the five for 50c.

## 3 THE CALLA LILIES 4

Wonderfully satisfactory as pot plants for winter bloom, or they will handle with ease for flowers in the summer garden. Don't think, though, that you can both have your cake and eat it,—blossoms from the same bulbs both winter and summer. It won't work,—at one season or the other the bulbs must rest. You can make your choice as to when, keeping the tubers dormant in a cool cellar during the "off" season. *Illustrated page 26.* Botanically "Calla" is ZANTEDESCHIA.

**GOLDEN CALLA**—Z. Elliottiana. Golden yellow, waxen, lustrous. 7 seeds for 20c; 19 for 50c. (Tubers, October to June, each 35c; 3 for \$1.00; 10 for \$2.90).



**PINK CALLA**—Z. Rehmanni. From pale blush, through pure pink, to rich rose, or rarely white. Dwarf, compact, floriferous. Needs less water than the others. Seeds, 6 for 25c. Tubers, full blooming size. Available September to June, each 60c.

**BLACK-THROAT CALLA**—Z. Melanoleuca. Particularly large flowers of soft yellow, with a big, velvety black-maroon blotch deep within the corolla. We consider this the best of the Callas. *Illustrated opposite.* 8 seeds for 20c. (Tubers, October to June, each 75c; 3 for \$2.00).

**CALLA ALBO-MACULATA**—White flower-spathes. Green arrow-shaped leaves, white-spotted. For the summer garden, effective about pools, bird-baths, streams. Pkt. 20c.

**SABLE CALLA**—Arum pictum. Highly decorative. Within, black-maroon, outside olive. Valued for either pot culture or the summer garden. With protection of mulching, will often winter outside. Seeds 6 for 25c. Tubers, September into early winter, each 65c; 2 for \$1.25.

**WHITE CALLA**—Z. Aethiopica. Fine pot plant, or can be grown in garden. Fragrant "lilies" of purest waxen whiteness. Tubers, each 40c; 3 for \$1.10.

Now hold fast to memories, that the pattern of fair living be not lost.

**CALLIRHOE PAPAVER**—\*crbkt(8)16. Longest blooming season of any perennial at Old Orchard. *Illustrated page 15.* Blossoms are big cups of claret crimson on upcurved stems, the plants 30 inches across, all of a brilliant color blaze right through summer heat. Pkt. 15c; ¼ oz. 30c.

**CALLIRHOE INVOLUCRATA**—\*ergck(3-4)8. Buffalo Rose. Two months of glowing wine-crimson cups. Drought and sun but seem to make this hardy, drought-resistant trailer flame more fiercely, a fire of gorgeous, blinding blossoming. Rugs four feet across spread from center root-tubers. Rock garden, bedding, bank carpenter. *Illustrated page 6.* Pkt. 15c; ¼ oz. 25c; ½ oz. 40c; ¾ oz. 70c. (Tubers, fall or spring, each 30c; 3 for 80c; 10 for \$2.50).

**2 CAMPYLLANTHUS SALOLOIDES**—ew(6-7)50. From the Canaries comes this rare semi-succulent, grown for the sprays of pretty, lilac-tinted white flowers. Foliage fine, fleshy. Good pot plant. 10 seeds for 25c.



**4 CANARINA CAMPANULATA**—ew(6-7)50. Treasure of the Guanchos. Many lovely pendant bells of rose-flushed golden orange. Handsome large pot plant. Roots tuberous. *Illustrated page 21.* 10 seeds for 25c.

## \* CALLIOPSIS (Annual Coreopsis)

For surprising showiness with scant effort, use Calliopsis. In bloom for months, particularly if cut back. We offer a mixture of varieties in the approximately 25 to 30 inch height range. Included will be flowers of gleaming golden hue, others zoned or splashed with brown or mahogany, still others all velvety crimson, with many another desirable variation. Order as CALLIOPSIS PEERLESS BLEND. Pkt. 10c; ¼ oz. 20c; ½ oz. 30c.

**CALLIOPSIS DOUBLE MIXED**—Striking yellows, orange, maroon, rich browns in interesting combinations, blossoms double. 30 inches. Pkt. 15c; 3 pkts. for 40c.

**NAMED CALLIOPSIS SORTS**—Five fine varieties. **MARMORATA**—35 inches. Gaudy blossoms show bizarre marblings of yellow and maroon. Pkt. 15c. **CORONATA**—25 inches. Earliest. Large golden flowers with light maroon pencilings at the petal bases. Pkt. 10c. **NIGRA SPECIOSA**—30 inches. Darkest sort, deep brown-maroon. Pkt. 10c. **AVALON CRIMSON**—30 inches. Glowing velvety crimson. Pkt. 15c. **TIGER STAR**—10 inches. Dwarf edger with profuse blossoms of soft yellow, splashed and tigered red-maroon. Pkt. 15c.

**OFFER 35A51**—One pkt. each of the five for 50c.

## 1 CALLUNA or HEATHER 5

This is the true SCOTTISH HEATHER, Calluna vulgaris. Fine evergreen foliage. Pretty little blossoms in white, pink or purple. Long in bloom, but always attractive, whether in blossom or not. The Heathers grow well in full sun, enduring sandy soils, and they are winter-hardy. Seeds, saved chiefly from the typical purple-flowered form, but with a bit of those from the pink, white and cuprea varieties added. Pkt. 25c; 3 pkts. for 70c. (Plants, 5 to 6 inch, available in three varieties: ROSEA, pink-flowered; ALBA, white-flowered; CUPREA, flowers rosy purple, foliage sprays light green, tipped coppery. Plants each 45c; 3 for \$1.20).

## 3 CALOCHORTUS

Called Butterfly Tulip or Mariposa. Blossoms to five inch diameter, rarely less than two, in rainbow hue, often banded, blotched or embossed in contrasting color tones. They vary much in form of flower, downy stars, fairy lanterns, then the great Mariposas or blossom-butterflies. Pink, rose, lavender, cream, citron, orange yellow will appear. Rather hardy when established, but better mulch well the first two years. *yt culture. Illustrated page 14.* Mixture of all types. Pkt. 15c; ¼ oz. 35c. (See Treasure Chest folder for seeds of the separate species).

**ANNUAL FLOWERS**, meaning one-season kinds quick to bloom from seed-sowings, are indicated by asterisk or star (\*) before the name.

**7 CALABAZILLA GOURD**—ek 12 ft. A vine with big silvery leaves, yellow flowers, and orange-shaped fruits, green with yellow splashes. Fully root-hardy north, and a rapid grower, making an interesting trellis or screen cover. *Cucurbita foetidissima*. Pkt. 20c.

**5 CALYCANTHUS FLORIDUS**—k. Sweet Shrub. Easy, shrub with chocolate colored flowers that have fragrance of strawberries. Pkt. 10c; ½ oz. 30c.

**6 CAMELLIA JAPONICA BLEND**—w(7). Clear-hued waxy blossoms; white, salmon, rose or cherry. Emerald, evergreen foliage. Splendid pot or tub plant, thriving in sunny window in cool room. Sow under frames in spring or in heat at any time. Latest crop seed, but Camellia never gives perfect germination. Large, nut-like seeds, 8 for 25c; 20 for 50c.

**\*CARDINAL CLIMBER**—ek 12 ft. Graceful annual vine with fine foliage. Flowers of brilliant red-cardinal. Ever-blooming. Delightful on fence or trellis. Pkt. 10c; 3 pkts. for 25c.

**6 CARISSA CARANDAS**—w. Tender evergreen shrub with sweet white flowers and edible cherry-like fruits. North, under glass. 4 seeds for 15c.

### 3 THE CAMAS LILIES

Beautiful in flower are these fully hardy bulbs; rather easy, too, from seed if given "y" culture. There are loose spikes of big star-blossoms in delightful color variations, cream to blue and purple. **CAMASSIA CUSICKI**—Rarest, and perhaps finest; certainly the tallest and most robust. Big flowers, from palest lavender to richest violet. Pkt. 15c; ⅓ oz. 30c. **CAMASSIA LEICHTLINI BLUE**—Great stars in light to dark blue tones. *Illustrated page 14*. Pkt. 15c. **CAMASSIA LEICHTLINI WHITE**—Cream to white. Pkt. 15c; ⅓ oz. 40c. **CAMASSIA QUAMASH**—Blue Camas Lily. It grows to some 25 inches, and it is particularly effective when massed in great bank. Flowers are deep blue, not far from indigo. Pkt. 10c; ⅓ oz. 25c. **CAMASSIA ESCULENTA**—20 inches. Spikes of light blue Scilla-like flowers. Pkt. 15c. **OFFER 36A25**—One pkt. each of the five for 60c. **CAMASSIA FINEST MIXED**—The true Camassias in blend. Pkt. 15c; ⅓ oz. 35c.

### 1 CAMPANULA or BELLFLOWER

Great border beauties here meet with wholly enchanting rock garden species. The Campanulas hold up well as cut flowers. Easy from seed. "x" culture. **ALLIARIAE-FOLIA**—(3)36. White bells, wide and handsome, sway from the many stems. Pkt. 15c. **BELLARDI**—(3)8. Dancing bells, silvery, lavender, indigo, above green mats. Probably identical with *C. caespitosa*. It is one of the better rock garden Campanulas. Pkt. 20c. **BONONIENSIS**—(3-5)30. Little blue-violet bells crowded in slender spikes, to suggest elongated Hyacinths. Decorative, and easy. Pkt. 15c; 3 pkts. for 40c. **CARPATICA MIXED**—(2-4)12. Spreading mounds of dainty, upfacing cup-flowers. Long in bloom. Mostly blue but with a proportion of white. Pkt. 15c; 3 pkts. for 40c. **GARGANICA**—(2)6. Wide, flat stars of mid-blue on lax, straying plants. A delight. Perhaps longest blooming of any of the exquisite bell-flowers of the Adria series. Pkt. 20c; 3 pkts. for 50c. (Plants, each 45c; 3 for \$1.20). **GLOMERATA**—(2)40. Blossoms tightly clustered into heads, in a form highly distinctive. Decorative, and desirable. Pkt. 15c. **LACTIFLORA COERULEA**—(3-4)30. This is a truly beautiful bell-flower. Great domes of upfacing saucer-stars in charming silvery blue. Pkt. 15c; 3 pkts. for 40c. (Plants, each 35c).

**PERSICIFOLIA MIXED**—(2-3)30. The likeable and showy Peach-leaf Bell-flower. Big flower bowls, usually blue, but at times white. Pkt. 15c; 3 pkts. for 40c. **PULCHERRIMA**—(8)30. Compared with *Rapunculoides*, it is more compact, and with bells rather larger and less pendant. Pkt. 15c. Plants, each 35c. **POSCHARSKYANA**—(2)8. The charming Star-spray. Rosette-mounds of jagged foliage, piled with big, starry, blue-silvered blossoms, carried in short, roving sprays. *Illustrated opposite*. Pkt. 20c; 3 pkts. for 50c. (Plants each 45c; 3 for \$1.20). **PUNCTATA**—(3)28. Rugged campaniles of big, pendant bells, from translucent creamy pinkness, through lilac, to vinous purple. Sometimes white-flowered forms appear. *Illustrated page 15*. Pkt. 15c; 3 pkts. for 40c. **PUSILLA ALBA**—(Syn. *C. cochlearifolia alba*). (2-3)7. Dainty rock garden miniature. Tufted, low plants set with airy white bells. Rare. Pkt. 25c. **PYRAMIDALIS MIXED**—(3-5)84. The spectacular Chimney Bellflower. Towering stems, to 6



or 7 feet, lined with saucer-bells, usually in blue, a few in white. Pkt. 15c; 3 pkts. for 40c. **RAPUNCULOIDES**—(8)35. Spires of loosely swung bell-blossoms, beauty for months on end. Soft blue to deep violet. Pleasingly variable. *Illustrated opposite*. Pkt. 15c; ⅓ oz. 25c. (Plants, each 30c; 3 for 85c; 10 for \$2.50). **ROTUNDFOLIA OLYMPICA**—(8)16. Harebell or Bluebell of Scotland. Loose showers of luminous violet star-bells. Shade or sun. Everblooming. Pkt. 15c; 3 pkts. for 40c. (Plants, each 35c). **SARMATICA**—(2-3)20. A vigorous and good bell-flower from stony slopes of the Caucasus. Many low stem-spires hung with soft blue to blue-violet bells, the lobes somewhat recurved. Pkt. 15c; ⅓ oz. 35c. (Plants, each 30c; 3 for 85c). **THESSALA**—(2-4)15. Fine-leaved, densely bushy plants with multitudes of slender stems that carry little bells of blue so tilted that they seem to be trying to look upward. Long in bloom. Pkt. 25c. **TRACHELIUM**—(3)35. Coventry Bells. Vigorous and showy border species. Mixed blue and white. Pkt. 15c. **VIDALI**—(3)24. Odd Azore species that needs some winter protection. Pendant white urn-bells with yellow circle at base. Leaves waxy. Pkt. 20c. **OFFER 37A55**—One pkt. each of above for \$2.65.



**CAMPANULA DOUBLE FORMS**—These are varieties of *Campanula persicifolia* with fully double flowers, almost in *Gardenia* effect. Lovely and distinctive. They cut. **MISTY MORN**—Soft blue-lavender. Plants, each 60c; 3 for \$1.70. **WHITE PEARL**—Fully double; snowy white. Plants, each 60c; 3 for \$1.70.

**CAMPANULA ROCKERY BLEND**—Desirable low-growing kinds in widerange. Pkt. 20c; 3 pkts. for 50c.

**CANTERBURY BELLS**—Here are flowers of pleasant memories, strains and races of *Campanula Medium*. Monocarpic. ebx(2-3)30. **SINGLE MIXED**—The simplest in form, and, to our mind, the prettiest and most graceful, but you may think differently. Big fluted pitchers in blue, violet, white, rose and pink. Mixed. Pkt. 10c; ⅓ oz. 20c. **DOUBLE MIXED**—It is pitcher within pitcher, color range of the last. Pkt. 10c; 3 pkts. for 25c. **CALYCANTHEMA**—Each pitcher-flower has a wide saucer under it, in like coloring. Most popular strain. Fine Mixed. Pkt. 10c; ⅓ oz. 25c. **ANNUAL CANTERBURY BELLS**—This gives flowers within six months after sowing. Thus, if started early, will give a nice showing bloom the same season, while the other strains here listed all bloom second season. Same color range as the others. Monocarpic. Pkt. 10c; 3 pkts. for 25c.

### \* CANDYTUFT

Annual Candytufts these, pretty and free-blooming flowers, quick and easy from seed. For Perennial Candytuft, see Iberis.

**UMBELLATA FINEST MIXED**—ebx(2-3)12. Flowers in wide, dense flat clusters. Offered in blend of soft pink, rose, carmine, cardinal, crimson, lilac and white. Pkt. 10c; ¼ oz. 25c.

**UMBELLATA ROSE CARDINAL**—A bright, rich shade, desirable for edging contrasts. Pkt. 10c; 3 pkts. for 25c.

**GIANT HYACINTH-FLOWERED**—ecbx(2-3)14. Massive candelabra are the plants, each branch carrying a thick, dense candle-spike of snowiest whiteness. Pkt. 10c; ⅓ oz. 20c.

**LITTLE PRINCE**—The last in dainty miniature, height only to six inches. Pure white. Delightful edger or bedder. Also sometimes grown as pot plant. Pkt. 10c; 3 pkts for 25c.

Spring gardens, vibrant as warm showers fall.  
Hidden Lilacs that the breeze betrays.  
Deep June meadows, rich with Buttercup.  
Soft mists that silver the morning east.  
Violet arrows of sunset cloud, edged with glory.  
Goldenrod that sweeps forgotten fields.  
Startle of Gentian in sway of wisp-brown grass.  
Dark Pines, flare-set with radiant autumn Oak.  
Wild-goose wedges cleaving keen moon-flooded skies.  
All these we have, if ever we had them. Though wars  
flash and flame, though nations melt, this of life is still  
good.

**\*CARTHAMNUS TINCTORIUS**—edbk(2-3)24. Saf-flower. Easy annual with rather decorative, though oddly stiff and formal, orange flowers. Pkt. 10c.

2 **CARICA PAPAYA**—w. In the north, an easy, speedy large pot or tub plant, decorative in Palm reminder. Well-grown plants bear the melon-shaped papaya fruits the second year, these edible, highly esteemed in the tropics. Few exotics so curious may be grown with so little fuss and care. Pkt. 15c; 3 pkts. for 40c.

## 1 CARNATION 2

Spicily sweet perfumes, sheafs of garden beauty, cut flowers for many a vase. Reasonably garden-hardy. "x" or "w" culture. Both the Chabaud Giant and the Super-giant strains are suitable for pot or open ground culture.

**GIANT MARGUERITE**—Fine garden strain, with big flowers, mostly double, in excellent color range. To be handled as annual. Pkt. 15c; 3 pkts. for 40c.

**CHABAUD GIANT MIXED**—Deeply fringed, double flowers to 2-inch diameters. Clove-scented. Soft pink, rose, yellow, salmon, cardinal and crimson in mixture. Blooms in five or six months from seed. Pkt. 15c;  $\frac{1}{8}$  oz. 40c.

**SUPERGIANT BLEND**—Immense flowers, fully double, heavily fringed, are carried on sturdy 20-inch stems. About six months from seed to bloom. Flowers quite often a full three inches in diameter. Color range unusually full; in addition to the varied clear self tones of the other strains there will be here a certain percentage of bicolors and bizarres, smokies, lavenders, garnet, and cherry, with orange-buff, salmon and contrasting flakies. Pkt. 30c; 3 pkts. for 85c; 10 for \$2.50.

**GRENADIN MIXED**—Splendid garden strain, rather hardier than the others, and exceedingly free-blooming. Double flowers of medium size in wide color range, including good proportion of rich, dark tones. 18 inches. Pkt. 15c; 3 pkts. for 40c.

**OFFER 38A45**—One pkt. each of the four for 65c.

Dreading a job is usually harder than doing it.

1 **CATANANCHE COERULEA**—ecbk(2-3)25. Cupid Dart. Long-stemmed, attractive flowers in soft blue. It cuts well. Long-lived, drought-resistant perennial. Pkt. 15c.

1 **CARLINA ACAULIS**—erx(3)9. Handsome alpine for the rock garden. Six-inch flowers, of silvery and straw tones, center rosettes of flat, spiny leaves. Pkt. 20c.

1 **CARPHEPHORUS BELLIDIFOLIUS**—bdkt(4)20. Mounded plants, each of the slender stems ending in a purple "Liatris" flower. Pkt. 15c.

\* **CARYOPTERIS INCANA WHITE**—ek(4)30. One of the prettier white-flowered "annuals". Whorl above whorl of densely packed snowy blossoms, from late August, into October. Aromatic. Sow it early. Pkt. 15c; 3 for 40c.

5 **CARYOPTERIS TANGUTICA**—This one is a low woody shrub of extreme winter-hardiness. Slender, whip-like branches are set with whorls of violet flowers. Aromatic. Pkt. 15c; 3 pkts. for 40c.

6 **CASSIA ARTEMISIOIDES**—k. Pretty winter-bloomer with fine gray-silvered foliage and fragrant soft yellow flowers. Large pot or tub plant, north. Pkt. 20c.

6 **CASSIA CORYMBOSA**—k. Handsome large pot plant, loaded with bright yellow flowers. May also be grown in garden, being then lifted in autumn and wintered in light cellar in half-dormant state. Pkt. 20c.

1 **CASSIA MARILANDICA**—kt(3)60. One of the better hardy perennials of late summer. Massive racemes of showy yellow flowers. Pkt. 10c;  $\frac{1}{8}$  oz. 20c;  $\frac{1}{4}$  oz. 35c.

\* **CASSIA FASCICULATA**—ek(4)20. Gold-coin Flower. Easy, good, annual. Graceful fountains of pinnate foliage, set with golden yellow flowers, flaked crimson at petal bases. Plumes of blossoming. Pkt. 15c; 3 for 40c.

3 **CAUTLEA LUTEA**—k(3)17. Odd flowers of brilliant yellow, then bright red seed capsules. Himalayan, Bhutan to Kashmir. Protect in winter. Pkt. 20c.

7 **CELASTRUS SCANDENS**—yt. 50 ft. Waxwork or Bittersweet. Showy hardy vine. In autumn, hung with cluster-sprays of bright orange-and-red fruits that may be dried for winter bouquets. Pkt. 15c;  $\frac{1}{4}$  oz. 30c; 1 oz. \$1.00.

2 **CELSIA ARCTURUS**—wk(20). Cretan Bear-tail. Quite large yellow flowers with purple anthers are carried in big, loose racemes. A handsome plant, arresting when in fullness of bloom. Splendid winter pot bloomer, or can be grown in the summer garden. Pkt. 20c.

\* **CENIA BARBATA**—eirx(3)5. Brass-buttons. The name describes the flowers. Fine foliage. Neat edger, or annual rock garden filler. South Africa. Pkt. 15c.

1 **CENTRANTHUS ANGUSTIFOLIUS**—\*ercbx(2-5)25. Clustered blossoms in an exquisite tone of silvery sunset pink. A fully hardy perennial. Pkt. 20c.

1 **CENTRANTHUS RUBER MIXED**—\*ecbx(2-5)28. Jove's Beard. The attractive flowers may be white, rose or bright red. A highly desirable perennial. Pkt. 15c; 3 pkts. for 40s. (Plants, either red or white, each 35c).

\* **CENTRANTHUS MACROSIPHON**—ek(3)12. Rose Valerian. Wide blossom-clusters in soft rose. Pkt. 15c.

2 **CENTROPOGON AUSTIN-SMITHII**—wv(2)30. Tubular, lipped flowers in pure red. Attractive evergreen perennial for pot culture. May be hardy in lower South. Pkt. 25c.

1 **CENTROSEMA VIRGINIANUM**—erx(3-4). The flowers are near pure blue, upfacing. A low trailer. Fullest recommendation for rock garden or terrace. Pkt. 15c.

## \* CELOSIA (with Cockscomb)

Attractive annual flowers, easy to grow, pleasant to see. They cut. **CRISTATA MAPLE GOLD**—30 inches. Heavily frilled and crested. Many heads almost globes, they are so densely convoluted and solid. Coloring largely pink-toned orange with golden lights, but some will vary to golden rose, or lighten to citron. Pkt. 15c;  $\frac{1}{8}$  oz. 25c;  $\frac{1}{2}$  oz. 40c. **CRISTATA EMPRESS**—18 inches. Enormous crest-combs of rich, velvety maroon. Pkt. 15c;  $\frac{1}{8}$  oz. 25c. **BURNING PLUME**—42 inches. Tall dark-leaved plants, much branched. Each branch ends in a great plume of burning red. Pkt. 15c;  $\frac{1}{8}$  oz. 25c;  $\frac{1}{2}$  oz. 40c. **GIANT PLUMED MIXED**—40 inches. Great ostrich plumes in widest color range, including scarlet, crimson, amaranth, orange and yellow, with varied rose tones. Pkt. 10c;  $\frac{1}{8}$  oz. 25c;  $\frac{1}{4}$  oz. 40c. **FIRE FEATHER**—12 inches. Red fire here, dwarf plants with great, pointed, silky plumes. Striking. Pkt. 15c; 3 pkts. for 40c. **GOLDEN FEATHER**—Like last in size and form, but here the plumes are all brightest yellow. These two are useful for pot culture, or they are effective for edging, bedding, or in porch boxes. Pkt. 15c; 3 pkts. for 40c. **OFFER 39A15**—One pkt. each of the above for 70c.

**CELOSIA JUMBLES**—A great blend of Celosia diversities, all those above, together with Pride of Castle Gould, Chinese Woolflower and others. About all the Celosias, both plumes and combs. Pkt. 15c;  $\frac{1}{8}$  oz. 30c;  $\frac{1}{4}$  oz. 50c.

## \* CENTAUREA ANNUAL

Garden-decorative, or splendid cut flowers. "k" culture.

**IMPERIALIS MIXED**—(2-3)35. Giant Sweet Sultan. Fragrant, fluffy doubleness in rose, lilac, wine-red, purple, violet and snowy white, flowers of large size, stems long. Pkt. 10c;  $\frac{1}{4}$  oz. 30c.

**SUAVEOLENS**—(2-3)24. Grecian Sweet Sultan. Sweetly scented blossoms of bright yellow, in Sweet Sultan form and doubleness, but a trifle smaller. Pkt. 15c.

**AMERICANA**—(2-4)40. Great Basket-flower. The long-rayed blossoms of rosy lilac run to full four-inch diameters, the largest flowers in annual Centaures. Pkt. 10c;  $\frac{1}{4}$  oz. 25c.

**AMERICANA WHITE**—The last in pure white. Spectacular in size and beauty. Pkt. 10c;  $\frac{1}{4}$  oz. 25c.

**GYMNOCARPA**—ifbk(2-4)20. Dusty Miller. Massed feathery, silver-gray foliage. Valued for edging or bedding. Pretty purple flowers. A wild-flower of the Isle of Capri. Pkt. 10c;  $\frac{1}{8}$  oz. 20c.

**MACULOSA WHIRLWIND**—(3-4)50. Bushy plants filled with ivory tassels edged with white lace. Sow early. Will naturalize. Pkt. 15c; 3 pkts. for 40c.

**CYANUS JUBILEE**—(2-3)12. A dwarf, and compact double blue Cornflower, just right for an edging. Exceedingly profuse. Pkt. 15c; 3 pkts. for 40c.

**CYANUS DOUBLE MIXED**—(2-3)30. Here is the gay Cornflower, Batchelor Button many call it. Large, double fringed flowers in bright blue, pink, ruby, cardinal, maroon, rose, white, mauve. Pkt. 10c;  $\frac{1}{4}$  oz. 30c.

**OFFER 40A15**—One pkt. each of the above for 80c.

## FINE BIENNIAL CENTAUREAS

Sow this year for next year bloom.

**CENTAUREA ROTHROCKI**—ebx(3)50. Immense lace-like flowers, sometimes reaching six inches extreme diameter. The blossoms have big cream-colored center cushions, each with a wide, airy fringe of lilac-lavender. Rare Mexican species. Pkt. 15c; 3 pkts. for 40c.

**CENTAUREA LEUCOLEPIS**—ebx(3)40. Buds built of silvery white overlapping scales that are decorative just cut in that stage, but they are followed, too, by rather pretty little lilac flowers. Pkt. 15c; 3 for 40c.



RHEXIA VIRGINICA



MELANDRIUM VIRGINICUM



HOUSTONIA COERULEA

CLEMATIS CRISPA



ACONITUM UNCINATUM

## 1 THE HARDY CENTAUREAS

Fully hardy perennials that will give quick, robust brilliance. They cut well. "x" culture. Easy germinators.

**AMARA**—(4)28. Latest of the Centaureas, big lacy lilac flowers in autumn. Pkt. 10c; 1/8 oz. 25c. (Plants, each 30c; 3 for 85c). **BABYLONICA**—(3)100. The stately Cornflower of Babylon. Unique. Silver-leafed pillars set with golden tassel-blossoms. Pkt. 15c; 1/8 oz. 25c. **BELLA**—(8)16. Beauty of the Caucasus. Blossoms of lilac pink, fringed and starry, one to each of the many slender stems, rise over mats of silvery, feathery leafage. Splendid for rock garden, edging, bedding or ground cover. Pkt. 20c. (Plants, each 30c; 3 for 85c; 10 for \$2.50). **DEALBATA** **ROSE DELIGHT**—(2-3)30. Persian Cornflower. Rounded, branching plants with pinnate foliage, silvery below, are long filled with big double flowers of lilac rose, edged with pink lace. Pkt. 15c; 1/8 oz. 25c. **FRICTSCHI**—(3-4)60. Tall long-bloomer with violet flowers and feathered foliage. Pkt. 10c; 1/8 oz. 25c. **MACROCEPHALA**—(3)45. Enormous golden flowers of fullest fluffy doubleness. Exceedingly showy. Pkt. 10c; 1/8 oz. 25c; 1/4 oz. 40c. (Plants, each 35c; 3 for \$1.00). **MONTANA**—(8)20. Bright blue, lace-edged, everblooming. Large flowers. Pkt. 10c; 1/8 oz. 25c. (Plants, each 30c). **ORIENTALIS**—(8)28. Big blossoms that may be either lemon yellow or rose-toned maroon. Long in bloom. Pkt. 10c; 1/8 oz. 25c; 1/4 oz. 40c. (Plants, each 35c; 3 for \$1.00. Colors not distinguishable at shipping season). **PULCHERRIMA**—(3)20. A beautiful species. Very large flowers of rosy lilac. Silvered foliage. Pkt. 20c. **SCABIOSA**—(2)40. Our first to bloom. Big, full-centered flowers of crushed blueberry coloring. Pkt. 10c; 1/8 oz. 25c. (Plants, each 35c; 3 for \$1.00). **STENOLEPSIS**—(3)50. Large blossoms of fringed, roseate lavender from buds of brown basketry. Splendid mid-summer flower for cutting. Pkt. 15c; 1/8 oz. 30c. (Plants, each 35c). **TAUSCHERI**—(3-4)20. Foliage silvery-silky, much cut. Irregular mounds of plants, wider than high, are set over profusely with little fringed flower-tassels of lavender. Pkt. 15c. (Plants, each 30c). **OFFER 41A55**—One pkt. each of the above for \$1.25).

**CENTAUREA HARDY BLEND**—Splendid mixture, includes all above, together with the many fine kinds that are listed only in the Treasure Chest. Pkt. 10c; 1/8 oz. 25c; 1/4 oz. 40c; 1 oz. \$1.25.

Earth is life; a garden is happiness.

**1 CEPHALARIA**—ex. Tall, free-blooming perennials, fully hardy, with blossoms like big fluffy Scabiosas. **TATARICA**—(3)85. Creamy yellow flowers on long graceful stems. Pkt. 10c; 3 pkts. for 25c. **RADIATA**—(3)60. Long blooming season. Soft sunlight yellow. Pkt. 10c; 3 pkts. for 25c. **CORNICULATA**—(4)60. Latest to bloom. Sheafs of creamy yellow. It cuts well. Pkt. 15c.

\* **CERATOTHECA TRILOBA**—ebk(3-4)60. Foxglove-like flowers of pure lavender. Stately plants. Pkt. 15c.

**VEGETABLE SEEDS**—Separate special list, on request.

**1 CERASTIUMS MIXED**—ergx(2)9. Snow-in-Summer. Myriad flowers of seafoam whiteness above silvery mats. Rock garden edging, or ground cover. A blend of garden-similar species, including Biebersteini, Tomentosum, Grandiflorum. Pkt. 15c; 3 pkts. for 40c. (Plants, each 35c).

\* **CERINTHE MIXED**—ex(3)20. Likeable annual. Arching crozier sprays of little tube-bells that may be buff-amber below, purple above, or all purple with paler spots. Pkt. 20c.

**6 CESTRUM NOCTURNUM**—w. Tender shrub for pot or tub culture north. Clustered creamy flowers, intensely fragrant at night. Pkt. 20c. (C. Aurantiacum, same price).

**2 CHAENOSTOMA GRANDIFLORUM**—\*ew(8)35. Called Purple Glory from the racemes of large Phlox-like flowers in the richest of royal purples. Near to everblooming. Excellent foliage. A very good pot plant, or by early starting, may be grown in the summer garden. Pkt. 20c.

**1 CHAENORRHINUM ORIGANIFOLIUM**—\*erx(8)8. From June till winter, myriad baby Snapdragons in rich purple. A delight of the Pyrenees. Pkt. 15c.

**2 CHAMAELAUCIUM CILIATUM**—w. Geraldton Wax-flower. The five-lobed blossoms seem carved from pink wax. Fine foliage. Australia. Pot plant, north. Pkt. 20c.

\* **CHARIEIS HETEROPHYLLA**—erk(2)10. No Gentian could exceed the vivid coerulean intensities of these pretty little spring daisies. Pkt. 15c.

**1 CHEIRANTHUS ALLIONI**—\*erbk(2)10. Sprays of vivid orange flowers in late spring. Pkt. 10c.

**2 CHIRITA LAVANDULACEA**—w. This pretty pot plant carries oddly shaped flowers of blue-lavender, the blossom tube white. Downy foliage. Pkt. 25c. (C. Thomsoni, same price).

**2 CHIRONIA BACCIFERA**—w. Lovely South African Gentian-cousin for pot culture. Massed starry blossoms of deep pink for months on end. Pkt. 20c; 3 pkts. for 50c.

**2 CHLOROPHYTUM ELATUM**—Walking Anthericum. Decorative pot plant with rosettes of pointed, white-striped leaves and sprays of little white flower-stars, the same plants bearing also, high in air, baby plants like the parent. Finally the flower-stems arch over and the new passenger-plants take root. Plants, each 35c.

**2 CHORIZEMA CORDATA**—Brilliant scarlet blossoms in loose racemes. From Australia. To be grown north in full sun in a cool house. Soak seeds before sowing. 8 seeds for 25c.

## 1 CERATOSTIGMA

Mounds of vivid blue brilliance are the diffuse 10-inch plants, from mid-summer well into October. Then the flowers fall, and the red calyces take over to give warm glow to cooling days. Chinese perennial of proved hardness. Good foliage, always decorative. *Ceratostigma plumbaginoides* (syn. *Plumbago Larpentiae*). Illustrated page 11. (Plants only, each 40c; 3 for \$1.10).

## 3 CHLIDANTHUS FRAGRANS

Called Perfumed Fairy Lily, but it is more or less a miniature golden Amaryllis for the garden. The slender, waxy trumpets, delightfully, richly fragrant, come in early spring. Dig and store like Gladiolus. An Andean bulb. Bulbs, March to June, 6 for 50c; 27 for \$2.00.

## 1 GOLDEN ASTER

Best of the Hardy Golden Asters is beautiful *Chrysopsis mariana*, described in its very name, for *Chrysopsis translates* "looks like gold." ecbkt(4)25. Pkt. 15c.

Who breaks the dam may not control the flood.

**2 CHRYSANTHEMUM MARGUERITE**—w. Tender Canary Island species to be grown as a pot plant. Gives 24-inch bushy specimens, loaded with shining white daisies pretty much year around. *Chrysanthemum frutescens*, variety Countess of Chambord. Pkt. 15c.

## \* THE ANNUAL CHRYSANTHEMUMS

Brightness here. All are easy. "x" culture. **GOLD WINGS**—Quickest sort. Large daisies with long pinion-petals of gleaming yellow. C. viscidihirtum. Pkt. 10c; 1/8 oz. 20c. **FINE SINGLE MIXED**—Big flowers, soft cream to deep yellow, usually contrastingly zoned; but some will be coppery red or velvety purple, with light bandings. Pkt. 10c; 1/8 oz. 20c. **CORONARIUM DOUBLE MIXED**—Pure white and varied yellows, intensely doubled. Pkt. 10c; 1/8 oz. 20c. **YELLOWSTONE**—Soft sulphur yellow, densely double. For summer cutting. Pkt. 15c. **OFFER 46A15**—One pkt. each of the four for 35c.

# 1 HARDY CHRYSANTHEMUMS

The very name conjures beauty, and never more so than when it is our OLD ORCHARD GLORIES strain. It is a blend, founded upon crosses of the Azaleamums and the Koreans, but to this basis have been added seeds from named sorts of the hardier, brighter Morifoliums, the Rubellums, the delightful Arctic Hybrids, and from separate kinds again of the named Koreans. Many will have near-double flowers. Pink there will be, strawberry, coral, peach, old rose, apricot, primrose with bronze suffusion, coppery tones, maroon, mulberry, velvety amaranth, with yellows light to dark, buff to gold, bronze overlays, autumn ruddiness. Sow seeds out of doors in latest autumn, or at first possible moment in spring, and they will flower first season, living for years. Pkt. 25c; 1/64 oz. 50c; 1/32 oz. 90c; 1/8 oz. \$1.50.

**OTHER HARDY CHRYSANTHEMUM STRAINS**—These are good. Seeds sown in late autumn or early spring (outside, of course), will mostly give bloom well within the year. Full winter hardiness. **ARCTIC HYBRIDS**—Big single flowers in richly varied colorings. Particularly free-blooming. Extreme winter hardiness. Pkt. 20c. **JESOENSE HYBRIDS**—New strain that runs largely to widely varied pink and rose tones. Broad, low plants with heavy, crispy, rather glossy leaves. Pkt. 35c. **KOREAN HYBRIDS**—Flowers in many color tones, always with radiant lustre, single to semi-double. Fairly early; decidedly hardy. Pkt. 25c. **OFFER 42A55**—One pkt. each of the three for 70c.

**SPECIES CHRYSANTHEMUMS**—kt. Fine white daisies for cutting or border planting. **CINERARIFOLIUM**—(2)25. Graceful white daisies over silvered leaves. Good cutter. A commercial source of the insecticide "pyrethrum". Pkt. 15c; 3 pkts. for 40c. **MAXIMUM SHASTA DAISY**—(2-3)30. Enormous daisies, 4 to 5 inch diameters. Cutting, or hardy border. Pkt. 15c; 3 pkts. for 40c. **ULIGINOSUM**—(3-4)65. Giant Daisy. Makes big sheaf-clumps of medium-size white daisies five to six feet high. Pkt. 20c. **ZAWADSKI SIBIRICUM**—Fine white daisies of graceful form, showing faint pink suffusion with age. Long lasting when cut. Pkt. 15c. **OFFER 43A55**—One pkt. each of the four for 55c.

**CHRYSANTHEMUM PLANTS**—Good field-grown stock. Varieties of proved winter hardiness. **RUBELLUM CLARA CURTIS**—Big salmon-pink daisies hide the plants from early August into October. Much-branched 18-inch plants; sheer mounds of bloom. Of fullest hardiness in garden, or forces nicely as a winter house plant. Each 35c; 3 for \$1.00. **KRISTINA**—Big daisies, long in the petal, of rich and luminous rose, truly a shining light. Always-good foliage. Of the exceedingly hardy Arcticum Hybrids. Each 35c; 3 for \$1.00. **CUSHION GROUP**—Dwarf, early-flowering, near-doubles, sometimes called Azaleamums. Three colors, pink, white and bronze. One plant of each, colors marked, for 90c. Order as **OFFER 44A35**. **GENERAL COLLECTION**—We have a good assortment of other named varieties in full color range, too many to describe separately here. We offer them in collections, each plant different, each labelled with name, at 3 for 90c; 5 for \$1.40; 10 for \$2.70. Order as **OFFER 45A35**.

**VEGETABLE SEEDS**—To save paper, our interesting, descriptive Vegetable Seed Offer is put out separately this year. It will be sent quickly and gladly on request. Ask for your copy.

**1 CHRYSOGONUM VIRGINIANUM**—ergkt(8)6. Goldstar. From June into November the green cushion-mats are set with golden stars. Full sun or light shade. Pkt. 20c. (Plants, each 30c).

**2 CINERARIA GIANT EXHIBITION MIXED**—ew(7)16. Splendid exhibition pot plant. Great flowers, to 3½ inch diameters, in many rare and vivid colorings, some with white centers. Pkt. 40c.

**2 CINERARIA MULTIFLORA NANA**—ex(7)10. Blues of burning brilliance, with carmine, rose, white, pink, many brightly zoned. Big showy clusters of closely packed flowers. Perhaps best strain for window pot culture. Pkt. 30c.

**1 CIMICIFUGA RACEMOSA**—bstyt(2)60. Long spikes of fluffy cream-white blossoms. Decorative, enduring, good. Pkt. 10c; 1/8 oz. 25c.

\* **CIRSIUM DIACANTHA**—ex(9)0. Grown for the handsome first-year rosettes, decorative, spiny, each leaf with a striking, sharply defined white marking. Pkt. 10c.

**1 CIRSIUM MONSPESSULANUM**—\*ecbx(2-4)40. Double blossoms of fluffy lilac-lavender on high stems. Basal foliage emerald, stem-wings lettuce green. Pkt. 15c.

\* **CLARKIA DOUBLE MIXED**—eck(2-4)25. Blossoms that might be little double roses in wreath suggestion. Pink, salmon, carmine, white, purple. Mixed. Pkt. 10c.

**3 CLAYTONIA VIRGINICA**—ernstkt(1)10. Spring Beauty. A lovely wild flower, white to pink, often crimson-penciled. Full hardiness. Pkt. 15c; 1/8 oz. 40c.

\* **CLADANTHUS ARABICUS**—erdk(2)15. Gold of Araby. Fine, ferny foliage, burnished golden daisies ending each feather-leaved stem. Then new stems radiate from beneath the flower, each in its turn to become flower-tipped, with new stem radiations coming out from beneath the latest flower, and so repeated until late autumn sets limit. Pkt. 15c.

## CLEMATIS

Though of varied habit, they are always beautiful. Some of them are hardy vines, others herbaceous trailers, still others may be sturdily erect or semi-decumbent border or rock garden perennials. **7 COLUMBIANA**—yt(8)96. Wide, split bells of blue-lavender. An attractive vine. Pkt. 15c; 1/8 oz. 30c. **7 CRISPA**—atyt(8)72. Blue "hyacinth" bells with crispy petals. *Illustrated page 15*. Pretty ever-blooming vine or trailer. Pkt. 15c; 1/8 oz. 35c. (Plants, each 60c). **1 DAVIDIANA** (variety of heracleaefolia)—ekt(3)40. A showy, erect species, not in the least vine-like. Fragrant, deep blue flowers in many dense, axillary clusters. Pkt. 15c; 1/8 oz. 25c. (Plants, each 35c; 3 for \$1.00). **1 INTEGRIFOLIA**—yt(8)20. Showy blue-violet flare-bells. Attractive, long-blooming rock garden or border perennial. Pkt. 20c. (Plants, each 60c; 3 for \$1.50). **JACKMANNI**—The extravagantly beautiful, large-flowered, purple Clematis of porch, arbor or pergola. Rich, deep color tone. (Plants only, each 65c; 3 for \$1.80). **7 MONTANA RUBENS**—A pretty vine, to 10 feet or more. Great draperies of wide, rosy pink blossoming. June. (Plants only, each 65c; 3 for \$1.80). **7 PANICULATA**—yt(4) 25 ft. Clouds of creamy, sweetly perfumed flowers. Late summer and early autumn. Pkt. 15c; 1/8 oz. 25c. **1 RECTA**—ecbkt(3)36. Great sprays of sweetly scented white flowers. A sturdy upright border perennial, not a vine. Good cut flower. Pkt. 15c; 1/8 oz. 30c; 1/4 oz. 50c. **7 SERRATIFOLIA**—kt(3-4)60. Loose bells of soft yellow; then decorative seed plumes. Ground cover, rock garden or low vine. Pkt. 15c. **1 STANS**—kt(5)50. Great panicles of waxy flow-r-urns in skyblue or pure white, followed by handsome seedplumes. Upright. Easy. Pkt. 15c; 1/8 oz. 35c. **7 TANGUTICA**—kt(2-3)120. Big, split bells of rich, deep yellow. Hardy, quick ornamental vine. Pkt. 15c; 1/8 oz. 30c. **7 TEXENSIS**—kt(3)82. A showy low vine with urn-flowers of brilliant red. Pkt. 20c. (Plants, each 65c; 3 for \$1.80). **OFFER 431A55**—One pkt. each of all above that are offered in seed form, for \$1.40. **OFFER 441A35**—One plant each of the six above so offered, for \$3.15. **OTHER CLEMATIS SPECIES** are offered in TREASURE CHEST. Ask for it.

**7 CLEMATIS TALL MIXED**—The kinds of vine-like habit from above and Treasure Chest. Pkt. 15c; 1/8 oz. 25c.

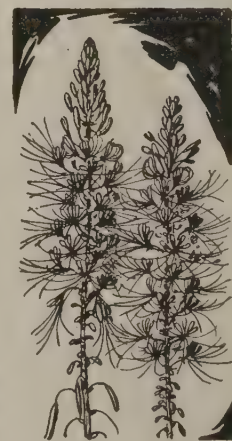
**1 CLEMATIS DWARF MIXED**—Lower kinds, not vines, mostly erect, for mixed border or rock garden. Includes Treasure Chest kinds. Pkt. 15c; 1/8 oz. 25c.

## \* CLEOME FOR SHOW

**GREAT PINK CLEOME**—ebk(2-5)60. Stately plants, each of the several stem-branches ending in a great airy raceme, ever-lengthening, of strikingly decorative flowers in brilliant rose. *Illustrated opposite*. Pkt. 15c; 1/8 oz. 25c.

**CLEOME PINK QUEEN**—ebk(2-5)48. On every stem each new afternoon a whorl of airy, spidery blossoms opens; great trusses in soft salmon pink, becoming white the next day. All the Cleomes are long in bloom, three to four months of flowers, and all are attractive and easily grown. Pkt. 15c; 1/8 oz. 25c.

**CLEOME GOLDEN**—To our regret, no seed available this year, all the plants having been destroyed by the high winds of the Atlantic coast hurricane in September.



**THE KEY NUMBERS AND KEY LETTERS** used in this catalog to give in condensed form information about each listed offering, are explained in detail on pages 2 and 50, the numerals used before the names, on page 2; the letters and numerals used after the variety names, on page 50.

\* **COBAEA SCANDENS**—Rapid annual vine, to 15 feet. Showy violet bells. Pkt. 10c.

1 **CODONOPSIS MIXED**—\*rstx(2-3)9. Nodding, light blue bells, usually zoned within, buff and purple-black. Campanula cousins for the rock garden. Pkt. 15c.

\* **COLEUS OLD ORCHARD**—w. Grown for the decorative foliage, and valued for outdoor bedding, edgings, mass plantings, accents, or grown as a window pot plant. In this strain the leaves are particularly large, the colorings rich and dark, like old brocade. Pkt. 20c; 3 pkts. for 50c.

\* **COLEUS AVALON**—w. In this strain the leaves are somewhat smaller, but the colorings more varied and brilliant. Markings of salmon, apricot, bright pink, rose, cream, carmine, bronze, purple, copper. Pkt. 20c; 3 pkts. for 50c.

\* **COLLINSIA VIOLACEA**—ernstkt(1-2)6. Blue-eyed Mary. Lovely little flower of earliest spring, bright blue, with white and purple markings. Sow in position. Pkt. 15c.

**CONVOLVULUS**—ek. Desirable diversities. 2 **MAURITANICUS**—7 inches. Not a vine. Everblooming. Deep blue cascades. Rock garden, porch box, hanging basket. Pkt. 20c. \* **BLUE ENSIGN**—12 inches. Upright, quick, showy annual. Not a vine. Upfacing indigo blossoms. Pkt. 15c. **MAJOR**—10 feet. A vine, the old-fashioned Morning Glory. Mixed, bright colors. Pkt. 10c.

## CLERODENDRON

Three attractive, but very different, species.

7 **TRICHOTOMUM**—ebk(4). 10 ft. Handsome, rapid-growing shrub with large panicles of white, Phlox-like flowers, these with brown-purple calyces. In autumn come berries of shining peacock blue. Pkt. 15c; 3 pkts. for 40c.

2 **SPECIOSISSIMUM**—w. As a house plant this showy ornamental throws its panicles of graceful, brilliant scarlet blossoms pretty much year-through. Syn. fallax. 6 seeds for 25c.

1 **BUNGEI**—In the north this behaves as a herbaceous perennial, root-hardy, making many new flowering stems quickly each season. A handsome plant with dense upfacing blossom-corymbs of bright rose-red. In cold places, protect roots in winter with straw or leaves. Plants only, each 35c; 3 for \$1.00.

## 4 CLIVIA FINE HYBRIDS

Here are aristocrats of the Amaryllis family, to be grown as pot plants. From heavy, straplike foliage rise stout stems crowned with umbels of handsome trumpet flowers in colors that range from softest creamy yellow, through golden orange, burnt orange, salmon-tinged scarlet, to near-red. Leaves are symmetrically arranged, attractive year around. Large succulent seeds, per seed 35c; 3 seeds for \$1.00; 8 for \$2.10.

## COMMELINA (Skyflower)

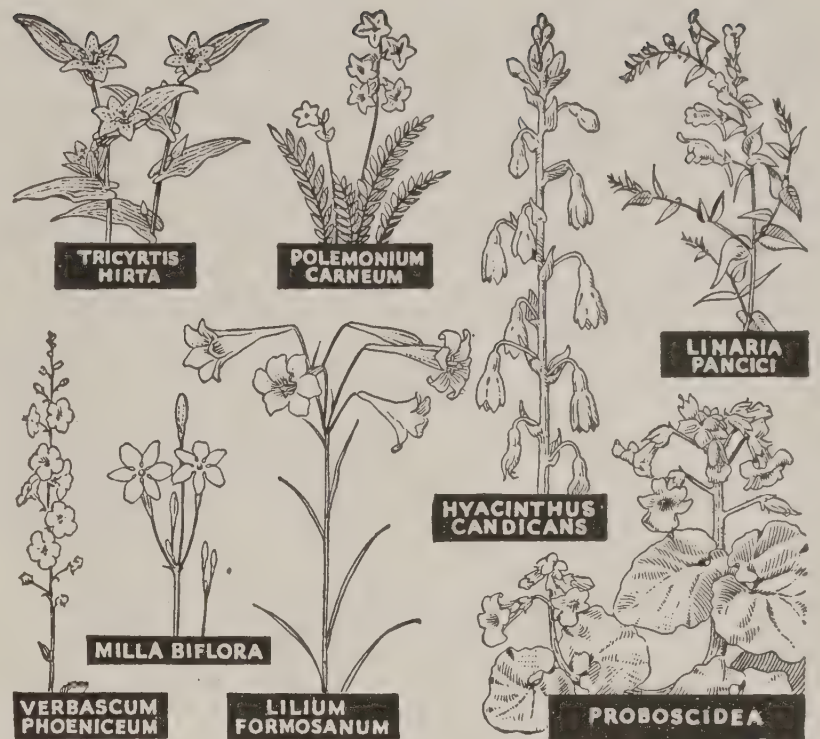
3 **COELESTIS BLUE**—\*ebx(8)27. Blue of deep summer sky, flowers repeated for months. Tuberous roots, to be stored in sand over winter. *Illustrated page 8.* Pkt. 15c. (Tubers, each 20c; 3 for 50c). **COELESTIS PURE WHITE**—Like last in enamel white. Pkt. 15c. (Tubers, each 20c; 3 for 50c). \* **CRISPA**—6 inches. Quick annual, with butterfly-blossoms in the most intense of blues. Edging, bedding, rock garden, porch box. Pkt. 15c;  $\frac{1}{8}$  oz. 30c. \* **DIFFUSA**—Garden annual or good pot plant. Wavy-winged blossoms, sometimes pure blue; at times, rose orchid. Pkt. 15c. **OFFER 45A55**—One pkt. each of the four for 50c.

## 3 COOPERIA OR EVENING STAR

Rain Lily is still another name for *Cooperia pedunculata*, a very lovely and altogether satisfactory summer-flowering bulb. *Illustrated page 4.* The large, fragrant, upfacing blossoms open pure white, becoming pink-suffused. Dig and store like *Gladiolus*. A new burst of bloom follows each summer shower. *ecx(3)18.* Pkt. 15c;  $\frac{1}{8}$  oz. 40c;  $\frac{1}{4}$  oz. 75c. (Bulbs, 3 for 40c; 8 for \$1.00; 25 for \$2.75).

## \* CORAL FLOWER

Effects of exquisite, jewel-like daintiness. Even the deep green, succulent foliage is decorative. Many slender, 30-inch stems bear little five-pointed stars of luminous rosy pink, these in loose, alternate clusters. Then come airy, long-hanging capsules, like polished coral beads, hundreds of them on each great glowing plume of a stem. A single plant may throw 30 or more of these great, bright plumes. Effective over a three to four month period. Usually grown as a garden annual, seeds sown in position, but makes a good house plant, too. *Illustrated page 7.* *Talinum paniculatum.* Pkt. 15c;  $\frac{1}{32}$  oz. 25c;  $\frac{1}{8}$  oz. 40c.



1 **CORONILLA CAPPADOCICA**—ergx(2)6. Gold-spray. The blossoms are overlapping golden coronets. Rugs of pinnate foliage. Showy. Pkt. 15c.

1 **CORONILLA VARIA**—ecrgx(2-3)20—Sprays of pretty blossoms in Cosmos pink, carried in crown-shaped clusters. Decorative ground cover, preventing erosion. Pkt. 10c;  $\frac{1}{4}$  oz. 50c. (Plants, each 30c; 10 for \$2.00; 25 for \$4.00).

4 **CORYTHOLMA WARSCEWICZI**—w. A rare tuberous-rooted house plant, distantly allied to *Gloxinia* nad *Streptocarpus*. In late spring, sprays of tubular, lipped flowers in orange and scarlet. Pkt. 15c.

## 1 COREOPSIS

Easy, hardy perennials of a desirable diversity. They cut. "kt" culture. **ROSEA**—(3-4)8. Little silvery rose daisies over ferny low turf. Pkt. 15c. **SAXICOLA**—(8)35. August Daisy. Effect of *C. grandiflora*, same glossy golden flowers, better carriage, and later and longer blooming. Pkt. 10c;  $\frac{1}{8}$  oz. 25c. **TRIPTERIS**—(3-4)84. Splendid, tall, late-flowering species. Long-rayed flowers of palest yellow, centered brown. Pkt. 15c; 3 pkts. 40c. (Plants, each 35c). **VERTICILLATA**—(2-3)30. Fern-Coreopsis. Finely cut foliage, green to buff-roseate, with butter-yellow flowers. Good. Pkt. 15c;  $\frac{1}{8}$  oz. 25c. (Plants each 35c). **GRANDIFLORA**—(2-3)28. Bright yellow. Recommended for wide broadcast naturalizing.  $\frac{1}{8}$  oz. 15c;  $\frac{1}{4}$  oz. 25c;  $\frac{1}{2}$  oz. 40c; 1 oz. 70c. **OFFER 461A55**—One pkt. each of above for 60c.

## 1 DAINY CORYDALIS 3

Rock garden exquisites in distant reaches of the Bleeding-heart family. *rstkt(2).* \***AUREA**—Pretty ferny annual with golden flowers. Pkt. 15c. **HALLERI**—10 inches. Racemes of fringed purple flowers over slashed foliage. Pkt. 20c. **CHEILANTHIFOLIA**—10 inches. Splendid Chinese species with sprays of bright yellow blossoms over fern foliage. Pkt. 20c. \***SEMPERVIRENS ROSEA**—25 inches. Airy ever-blooming annual for sun or light shade. Charming little pink blossoms with golden tips. Blue-silvered foliage. Pkt. 15c. **NOBILIS**—10 inches. Well-spurred creamy flowers with purple dot and yellow tip, carried in dense racemes. Pkt. 20c. **OFFER 47A55**—One pkt. each of above for 75c.

## \* COSMOS FOR EASY SHOW

Little effort will here yield much, and long, bloom. **SENSATION**—Giant flowers with fluted petals, in pink, white, crimson. Early-blooming. Pkt. 10c;  $\frac{1}{4}$  oz. 35c. **YELLOW FLARE**—Showy, clear, pure yellow. Pkt. 15c;  $\frac{1}{8}$  oz. 25c. **EARLY DOUBLE CRESTED**—Flowers with high center crests in Anemone fashion, with some that are fully double. Pink, white and crimson in mixture. Pkt. 15c;  $\frac{1}{8}$  oz. 25c;  $\frac{1}{4}$  oz. 40c;  $\frac{1}{2}$  oz. 70c. **ORANGE RUFFLES**—A rich tone of orange flowers with two or three petal-rows, giving a ruffled, semi-double effect. Early. Pkt. 15c;  $\frac{1}{8}$  oz. 25c. **LADY LENOX**—Tall, giant-flowered shell pink. An old sort, but still perhaps best of all. Takes long season. Pkt. 10c. **COSMOS PEERLESS MIXED**—All here in mixture. Pkt. 10c;  $\frac{1}{8}$  oz. 20c;  $\frac{1}{4}$  oz. 30c.

1 **COTULA SQUALIDA**—Dense, minute foliage featherings, bronze in sun, rich green in shade. New Zealand. Hardy. Rock garden or carpeting. Plants, each 35c.

2 **CRASSULA**—Desirable pot plants with crispy, succulent foliage. **ARGENTEA**—Jade Plant. Sturdy, well-branched, with thick, shining green leaves that become silver-flaked when dry. Flowers rose. Plants, each 40c. **CULTRATA**—Each thick, green leaf turns to a different angle, giving whirling illusion. Plants, each 35c. **PERFORATA**—String of Buttons. Thick, rounded leaves seem to have the slender stem threaded through them. Pink flowers. Desirable for boxes or hanging baskets. Plants, each 35c. **TETRAGONA**—Baby Pine of China. The plants with their thick spike-leaves of rich emerald do look like miniature pines. Flowers white. Plants, each 35c. **OFFER 48A35**—One plant each of the four for \$1.30.

5 **CREPE MYRTLE**—k. Exceedingly handsome blossoms, ranging from pink to near crimson. Wood-hardy to about Washington. Further north it behaves as an herbaceous perennial, flowering freely on the current season's stems. In cold areas roots may need protection. *Lagerstroemia indica*. Pkt. 15c; 3 for 40c.

\***CREPIS RUBRA**—ek(2)10. A quick, and decidedly pretty annual flower, sometimes called Pink Dandelion. That's a rather good name for it, the blossoms do look like extra-large dandelions in pure pink, but it is more floriferous than any dandelion, and over a longer season. Pkt. 15c.

**CREPIS RUBRA ALBA**—The last in pure white, a charming flower. Pkt. 20c.

\***CROTALARIA RETUSA**—ejck(3-4)35. This is the "Golden Sweet Pea," blossoms of Sweetpea form carried in many spire-like spikes, an exceedingly showy plant, upright, not a vine. The flowers are glossy golden yellow, with bronze-brown markings on wing reverse. An unusual annual that we think you will like very much. Pkt. 15c; 3 pkts. for 40c.

2 **CRUSEA VIOLACEA**—egw(7)16. A much-branched semi-decumbent plant with good foliage and, in winter, pretty little violet flowers clustered in Crucianella reminder. North, a pot plant. Pkt. 20c.

\***CUPHEA AVALON HYBRIDS**—ecbx(8)20. One of the better annual flowers. The curious blossoms come in a season-long profusion, and the color range, in gradations of shade and tone, is of rather amazing extent. There will be lavender, lilac, white, pure pink, rose purple, crimson, and the most intense of fire scarlets. The plants, at a little distance, seem to be covered with fluttering, brightly hued butterflies. *Illustrated page 15*. Pkt. 15c.

\***CUPHEA LANCEOLATA**—ecbx(8)40. As attractive as the last, but quite different, taller, with intricately wrought blossoms, two large upper petals of velvety black-maroon four smaller lower ones of brilliant crimson. Pkt. 15c.

## GAY CYCLAMEN

2 **CYCLAMEN GIANT-FLOWERED**—w. A splendid strain for pot culture, brilliantly colored flowers of great size, not excelled, we believe, by any other. Glorious color range. 6 seeds for 25c; 14 for 50c; 30 for \$1.00.

1 **CYCLAMEN HARDY BLEND**—kt. Here are winter-hardy kinds for the outdoor garden. Flowers are smaller than those of the tender Cyclamen, but as exquisite in form. Delicately fragrant. Blossoms may be white, pink, rose or crimson, foliage often marbled or undulate. A delightful rock garden plant, or use it in leaf-nestling colonies about the base of some great tree. 10 seeds for 25c; 33 for 75c; 100 for \$2.00.

## 1 EASY CYNOGLOSSUM \*

All of the Cynoglossums may be treated as annuals, and some of them are truly so, as the Amabiles. Others will live for two years, a few for several years, but all here will bloom first season from early sowings. **AMABILE BLUEBIRD**—25 inches. Chinese Forgetmenot. Lustrous indigo. Pkt. 10c. **AMABILE PINK**—The last in pleasing lilac-rose. Pkt. 10c. **AMABILE SNOWBIRD**—Here the sprays are snowy white. Pkt. 10c. **AMABILE PEERLESS**—Unsegregated color variations in blue from palest to deepest, white and suffusions, rosy tints. Pkt. 15c;  $\frac{1}{8}$  oz. 25c. **CRETICUM**—Close crosier-sprays of purple and chocolate. Pkt. 15c. **NERVOSUM**—20 inches. Deepest blue-azure. Hardy perennial. Pkt. 15c. **CHEIRIFOLIUM**—20 inches. Dense sprays of red-violet. Leaves white-tomentose. Pkt. 15c. **ZEYLANICUM**—36 inches. Silvery sky blue. Foliage silky-silvery. Pkt. 15c. **OFFER 50A55**—One pkt. each of above for 70c.

3 **CYANELLA CAPENSIS**—ryt(2)12. Rare hardy or near-hardy bulb from Cape of Good Hope. Starry blue-lavender flowers. Winters at Boston. Pkt. 20c.

1 **CYNANCHIUM ACUMINATIFOLIUM**—A handsome plant, making eventually big clumps that are sheafs of flowers for months. The blossoms are waxy, cream-white, starry, and carried in great numbers. 30 inches. Long-lived, hardy. Plants, divisions, each 35c; 3 for \$1.00.

3 **CYPELLA HERBERTI**—\*erk(3-4)22. Tigridia-like summer-blooming bulbs with shell-blossoms in blended tan, old gold and brown. Blooms first year from seed, and will force. *Illustrated below*. Pkt. 25c.

3 **CYPELLA PLUMBEA**—\*ebk(3-4)32. Rather like last, but differs in that the flowers are blue-violet, and the plants a bit taller. Plaited leaves. Pkt. 20c.

2 **CYPHOMANDRA BETACEA**—w. Rare tropical fruit that may be grown as a large pot plant. Fruits are size of a large egg, tawny orange with purple stripes, skin tough, pulp soft and rich, flavor between that of the Tomato and the large English dessert Gooseberries. Pkt. 15c.



## 3 THE CRINUM LILIES

Glorious beauties, flowering bulbs of the Amaryllis family for outdoor growing. *Illustrated above*. The bulbs store in winter as readily as Gladiolus, but *Crinum longifolium* and *Powellii album* are fully hardy at Philadelphia when left right outside without digging, and with protection of mulching would probably winter in the open much further North. **FIMBRIATULUM**—Whorls of large, fragrant flowers that expand to stars, soft pink with rose-shaded stripe. Each \$1.00; 3 for \$2.80. **LONGIFOLIUM**—Big trumpet-flowers in pink-and-white, sweetly scented. Blooms always in spring, often again in fall. Each 90c; 3 for \$2.50. **POWELLI ALBUM**—The blossoms are big lily-trumpets of purest waxen whiteness. A lovely flower. Each \$1.00; 3 for \$2.80. **OFFER 49A25**—One bulb each of the three for \$2.70; 3 for each (9 in all) for \$7.70.

## 5 CYTISUS or BROOM

Gorgeous in blossom, decorative in foliage. "kt" culture. **SUPINUS**—Crown Broom. A crown-shaped cluster of golden butterfly-blossoms ends each of the many stems. Fully hardy. 30 inches. Pkt. 15c;  $\frac{1}{8}$  oz. 35c. **MULTIFLORUS**—Spanish Broom. Pretty cream-white flowers. Give sheltered position. Pkt. 15c. **SCOPARIUS PEERLESS**—80 inches. Selected Scottish Broom. Attractive blossoms in creamy yellow, lemon, and golden orange, with others that carry red to velvety crimson shadings. Odd, green whiplike stems with scanty foliage. Cut, they hold their emerald coloring all winter, and with *Ulex* (Furze), and rose-hip sprays, will pleasantly fill a vase to brighten dull months. Pkt. 15c;  $\frac{1}{8}$  oz. 25c. **BATTANDIERI**—60 inches. Golden Lilac. Foliage all silvery, glistening. Dense, long sprays of golden yellow blossoms. Pkt. 20c. **OFFER 51A55**—One pkt. each of above for 60c.



## \* DAHLBORG DAISY (Golden Fleece)

Delightful everblooming low plant, grown in the garden as an annual, and unsurpassed for close edgings, bedding, or as a rock garden filler. Myriads of tiny daisy-blossoms in a 24-carat gold tone, over mounds of aromatic fern-foliage. 6 inches. Sow early. May also be grown as a pot plant, behaving then as a tender perennial. *Thymophylla tenuiloba*. Pkt. 15c; 1/32 oz. 25c

## 3 DAHLIAS FROM SEED

They are easy, usually blooming first year, and you can have a lot of fun in growing them from seed. They will all be pretty, and there is always the possibility that you may get one worth introducing as a new sort. **PEERLESS DOUBLES**—Saved from fine large semi-double to intensely double flowers in full Dahlia color range. Good things should come from this. 10 seeds for 25c; 35 for 70c. **GIANT EXHIBITION**—A super-strain, saved only choicest giant-flowered varieties. 10 seeds for 40c; 30 for \$1.00. **NEW MINIATURE**—Strain of dainty baby Dahlias for cutting or bedding, running to about 25 inches, blossoms single or semi-double, or rarely double, in colorings that include canary, buff, apricot, pink, rose, scarlet, crimson, purple. Pkt. 15c; 3 pkts. for 40c.

## DAPHNE CNEORUM

Called Garland Flower. Low spreading evergreen long mantled by clusters of lovely pink blossoms that are perfumed in Carnation reminder. Plants never exceed 12 inches of height, but may be 20 inches across. Rock gardens, edgings, low hedge, or in the mixed border. Plants only, 7 to 9 inch, at each 90c; 3 for \$2.60.

None so poor that he may not be rich in the only wealth that grows sweeter and dearer as years pile higher, the safely memoried wealth of friendly place and person, of piquant experience and a thousand savorable little adventures.

**2 DARLINGTONIA CALIFORNICA**—amkt (w)20. The oddly serpentine leaves are twisted, hooded pitchers with translucent windows. *Illustrated opposite*. Intricate, inverted flowers of red-veined buff-brown. A carnivorous bog plant that needs careful winter protection in northern gardens, but handles very well indoors as a pot plant in an east or north window. Use sandy soil mixed with sphagnum or peat, and keep well-watered. Feed plants at considerable intervals by putting minute shreds of meat in the pitchers. See 'Sarracenia' for culture from seed. Pkt. 20c; 3 pkts. for 50c. (Plants, each \$1.00).



**DAISY SHASTA**—ecbk(2-3)30. Enormous flowers, four to five inch daisies, white or creamy. Seeds saved mostly from fine, large singles, but with a bit included from double s. Pkt. 15c; 1/8 oz. 40c. (Plants, variety MOUNT SHASTA, full snowy, fluffily double, long in bloom. Each 60c; 3 for \$1.65).

**DATURA**—ek(w). Angel-trumpet. **METELOIDES**—Easy annual. Big trumpets of palest roseate lavender. Pkt. 10c; 1/8 oz. 20c. **TRUMPET-IN-TRUMPET**. Blossoms intensely double-ruffled, soft yellow, cream or white. Annual. Pkt. 15c. **SUAVEOLENS**—Spectacular tender perennial for large pot or tub culture. Pendant, fragrant trumpets of pure white, to a foot of length. Pkt. 20c.

**5 DENDROMECON RIGIDUM**—yt(3)84. Tree Poppy. Unusual evergreen shrub that bears golden Poppy-blossoms. Careful protection, North. Pkt. 20c.

## \* THE ANNUAL DELPHINIUMS

Distinct from Annual Larkspur. "k" culture. **CARDIO-PETALUM**—Loose spire-spikes of green-tipped violet blossoms, spurs upcurved. A 16-inch beauty. **ORIENTALE**—35 inches. Kurdistan. Blossoms of richest Tyrian purple. Pkt. 15c. **PANICULATUM**—35 inches. Loose, airy panicles of dark-blue midget flowers. Ever-blooming. Pkt. 15c. **GRANDIFLORUM CAMBRIDGE BLUE**—35 inches. Chinese Larkspur. Blossoms of belladonna-blue on much branched plants. Pkt. 15c. **GRANDIFLORUM WHITE BUTTERFLY**—12 inches. Low, branched plants with pure white flowers. Pkt. 10c. **AZURE FAIRY**—12 inches. Twin of the last, but in bright blue. Pkt. 10c. (The Grandiflorums may be treated as perennials if one so wishes). **OFFER 53A15**—One pkt. each of above for 70c.,

## 1 THE HARDY DELPHINIUMS

**AVALON BLEND**—\*ecbx(2-4)60. Widest range of color and form of any of our blends of Giant Delphinium. Includes Hollyhock Strain, Blackmore and Langdon selections, Lamartine, The Shah, Iceberg, Giant Pacific Hybrids, with, for informal cut flower delight, a modicum of Cheilanths or Garland types. Among the Avalons you may enjoy varied beauty to the fullest extent of the Delphinium heritage. Pkt. 30c; 1/32 oz. 50c; 1/8 oz. 90c. (Young single-crown plants, each 35c; 3 for \$1.00).

**WREXHAM HOLLYHOCK STRAIN**—ebx(2-4)65. Large flowers, mostly fully double, carried in dense, wide spires. Full color range. Pkt. 25c; 1/32 oz. 40c; 1/8 oz. 70c.

**BELLADONNA**—\*ecbx(2-4)50. This is Cliveden Beauty, a Cheilanthe of particular value for cutting. Large single flowers of exquisite blue-turquoise in loose, graceful spikes. Pkt. 15c; 1/8 oz. 30c.

**CARDINALE**—bkt(3)40. Blossoms of glowing scarlet, helmet shaped. Full sun. Needs winter protection. Slow germinator. Pkt. 15c; 3 for 40c.

**GIANT PACIFIC HYBRIDS**—\*ecbx(2-4)60. Flowers of great individual size, practically all double, well-placed on the several branching stems. The range of colorings is inclusive, delicate pastels showing along with rare hue and tone. This remarkable strain was developed in the Pacific coast area. Pkt. 35c; 1/32 oz. 90c; 1/8 oz. \$1.65.

**GIANT PACIFIC WHITE**—A selection from the last. Very large flowers fully double, pure white. Fine spikes. Pkt. 35c; 1/32 oz. 90c.

**MENZIESI**—rdkt(2)20. A rock garden species. Long-spurred blossoms of dark blue. Plants bushy. Pkt. 15c.

**VESTITUM**—cbkt(3)60. Himalayan Delphinium. Tall spires of bloom, soft blue to violet, downy, and with white eye. Mountains of Asia. Pkt. 15c.

**OFFER 52A55**—One pkt. each of above for \$1.60.

## 1 DICENTRA or BLEEDINGHEART

Hardy, tuberous-rooted perennials of much charm. "yt" culture. **CHRYSANTHA**—(2-3)60. Golden Eardrop. High clusters of inverted golden hearts over silvered foliage. Spectacular. Full sun. Sow in position. Pkt. 20c; 3 pkts. for 50c. **CUCULLARIA**—(1)8. Dutchman's Breeches. Pretty little blossoms with spurs diverging. White, yellow-tipped. Pkt. 15c. **EXIMIA**—(2-4)16. Plume Bleedingheart. Plumes of rose-colored heart-flowers over slashed evergreen foliage. Sun or light shade. Close to everblooming. Pkt. 15c; 1/8 oz. 35c. (Plants, each 40c). **OREGANA**—(8)12. Delightful heart-blossoms of soft cream, tipped purple. Foliage silvery. An exquisite rock plant, long in bloom. Shade-tolerant. Pkt. 20c; 3 pkts. for 50c. **SPECTABILIS**—(1-2)20. True Bleedingheart. Sprays of pendant, rose-colored hearts with white tips. In full spread of bloom, a glorious beauty. Plants only, each 65c; 3 for \$1.75. **DICENTRA OCHROLEUCA**—(2-3)45. Very like Chrysantha, but here the blossoms are soft creamy yellow instead of deep yellow, and it has about a foot less of height. Pkt. 20c. **FORMOSA**—(2-4)12. Nodding sprays of pink hearts above spreading fern foliage. Pkt. 15c. **DICENTRA SWEETHEART**—Sprays of snowy white heart blossoms. Long in bloom. A variety of *D. formosa*. A very lovely rock garden plant. A limited number of young plants will be available for Sept.-Oct. delivery at \$1.25 each. **OFFER 56A55**—One pkt. each of the six offered in seed form for 90c.

\***DIASCIA BARBERAE**—erk(3-4)15. Salmon pink with golden insets, are the odd, exquisitely formed blossoms. Pkt. 20c.

\***DICRANOSTIGMA FRANCHETTIANUM**—erbk(8)20. Rapid Celandine. A pretty, long-blooming annual from Himalayan hills. Above leaves that are white marbled on green, a tangle of slender branching fills day after day with poppy-blossoms of imperial yellow, each built of four big flake-petals in satin-finished gold. *Illustrated page 7*. Pkt. 15c.

**1 DICTAMNUS FRAXINELLA**—(by)2-3)36. Gas Plant. A handsome, long-lived perennial, botanically *D. albus*. Terminal racemes of large and showy flowers that yield, in warm dusks, an interesting ignitable gas. **ROSE FORM**—Rich, deep rose. Pkt. 15c. (Plants each 40c; 3 for \$1.10). **WHITE FORM**—Blossoms of pure white. Pkt. 15c. **MIXED**—Includes both white and rose. Pkt. 15c; 1/8 oz. 30c.

**3 DIERAMA BLEND**—rbkt(3)50. Bells of blush, rose-red or amaranth, pendant from willowy stems. *Illustrated page 21*. An unusual garden bulb that winters outside well north if protected with straw or leaves. Pkt. 15c.

**2 DIONAEA MUSCIPULA**—The famed Venus Flytrap makes an interesting pot plant. The leaves are truly trap-like, the two halves center-hinged, and edged with long bristles. When the leaves are touched, the two halves fold together until the bristles interlock. Attractive white flowers. For culture from seed, see Sarracenia. Pkt. 25c. (Plants, each 50c. These will be small as sent out, and with scarcely any roots, since Dionaea does not feed from the soil, but plant them so the thick compact leaf bases are firmly imbedded in a mixture of sand and peat, keep sand damp, and they will eventually increase to fill the pot).

**9 DIOSPYROS VIRGINIANA**—yt. Persimmon. Hardy tree that bears desirable edible fruits. Pkt. 10c.

## 1 HARDY DIANTHUS

The delightful Garden Pinks, all perennial and winter-hardy. "x" culture. **ALLWOODI**—Carnation crossed with Clove Pink. Colorings widely variable. Perfumed flowers, single to double. Pkt. 15c;  $\frac{1}{8}$  oz. 25c. **ARENARIUS**—(2)6. Foliage densities like ruffled silver-green velvet. Fringed creamy flowers with the richest perfume in Dianthus. *Illustrated opposite*. Pkt. 15c;  $\frac{1}{8}$  oz. 30c. **ARENARIUS AVALON PINK**—Like last, but blossoms creamy pink. Pkt. 20c. **ARVERNENSIS**—(2)5. Mossy mats set with little rose pink blossoms. An exquisite. Pkt. 20c. **AVALON**—A spectacular double-flowered variety with fragrant blossoms of rich rose. Wide mounds of bloom. Plants, each 40c. **BEATRIX**—An everblooming double sort with fragrant blossoms of pure shell pink. Plants, each 40c. **CANTON RED**—A fine red. Double, upright flowers. Plants each 40c. **CARTHUSIANORUM GIGANTEUS**—(3-4)40. Tallest species. Mahogany buds open to clustered rose-colored blossoms. Pkt. 15c. (Plants, each 30c). **CAESIUS**—(Gratianopolitanus). (2)9. Pretty mounder. Fragrant flowers with jagged petals, in varying tones of rose or pink. Pkt. 15. (Plants each 30c; 3 for 85c). **DELTOIDES MONTANUS**—(2)6. Mat-former, bedder, or ground cover with flowers deep rose to red. Pkt. 15c;  $\frac{1}{8}$  oz. 30c. (Plants, each 30c; 3 for 75c; 10 for \$2.25). **DELTOIDES MIXED**—Includes white, bluish, pink, rose, red. Pkt. 15c. **HIGHLAND HYBRIDS**—(2-4)12. Magnificent strain of Hardy Pinks, the flowers of largest size, and coming in vivid colorings, often zoned. Pkt. 15c. (Young plants, each 30c; 3 for 85c). **HYBRIDA FLORIBUNDA**—A delightful rock garden strain, the flowers, single to double, coming in many delicate pastel tones. Perfumed. Pkt. 20c. **KNAPPI**—(2-4)18. Really lemon yellow, a unique color. Grow it with *Jasione perennis* for charming blue-and-yellow low groupings. *Illustrated opposite*. Pkt. 20c; 3 pkts. for 50c. (Plants each 35c; 3 for \$1.00). **IPSWICH CRIMSON**—(2-3)12. English selection of the perfumed Clove Pink, that gives a good percentage of double crimsons, the other seedlings being pleasing diversities. Pkg. 15c. **LONGICALYCINUS**—(3-4)25. Diffuse plants with pink to rose blossoms, fringed in extravagant laciness. Pkt. 15c. **MONSPESSULANUS**—(2)12. Rather large flowers, deeply fringed, in good color range. Free-blooming, and decidedly showy. Pkt. 15c;  $\frac{1}{8}$  oz. 25c;  $\frac{1}{8}$  oz. 40c. **NEGLECTUS**—(2)5. Brilliant cherry, tawny rose in reverse. Close, low, compact. 20 seeds for 15c; 100 for 60c. **PLUMARIUS FINE MIXED**—(2-3)12. The delicately perfumed Clove Pink, an old garden favorite. Pleasing color variations. Pkt. 15c;  $\frac{1}{8}$  oz. for 25c. **REUTERI**—(2)10. Many rigid stems spray out at odd angles, each topped with a cluster of rose-red flowers. Pkt. 15c. **SEGUERI**—(3-5)20. Notched blossoms, pink to carmine, usually marked maroon and white. In bloom until mid-autumn. Pkt. 15c;  $\frac{1}{8}$  oz. 25c. (Plants, each 30c). **SUBCAULIS**—(2)6. Low, dense blue-green mounds, set with thickets of pink to rose blossoms, petals dentate. Splendid rock garden species. Pkt. 15c;  $\frac{1}{8}$  oz. 35c. **SUPERBUS WHITE**—(3-4)20. Big flowers of snowy white, fringed to airy filigree. Long-bloomer. It cuts. Pkt. 15c;  $\frac{1}{8}$  oz. 30c. (Plants, each 30c). **SYLVESTRIS**—(3)10. Pink with buff reverse. Charming species. Pkt. 25c. **WALDSTEINI**—(3-4)8. Much-fringed low white, pink zoned. Pkt. 15c. **WINTERI**—(2-3)10. Excellent Plumarius-Caryophyllus cross. Big flowers, mostly single, in varied colorings, often with sharp zonings. Pkt. 15c;  $\frac{1}{8}$  oz. 30c. **OFFER 54A55**—One pkt. each of all offered above in seed form for \$3.40.

**DIANTHUS ROCK GARDEN BLEND**—The lower kinds, suitable for the rock garden, edgings or bedding. Pkt. 15c;  $\frac{1}{8}$  oz. 30c;  $\frac{1}{8}$  oz. 50c;  $\frac{1}{4}$  oz. 90c.

**DIANTHUS PEERLESS BLEND**—Seeds of all the kinds we grow, low and taller alike. Pkt. 10c;  $\frac{1}{8}$  oz. 35c;  $\frac{1}{4}$  oz. 60c.

**DIANTHUS PLANT OFFER 55A35**—One plant each of the ten so offered for \$2.90.

## \* ANNUAL DIANTHUS

The gay Annual Pinks in rainbow-painted hues that may be clear self tones of pink, salmon, scarlet, crimson, white, or patterned in those bizarre chromatic grotesqueries that hold such endless interest. Contrasting edgings, fantastic lacings, and zonings there will be. We offer an inclusive mixture, from immense singles with long fringe slashings to others double as a Carnation. ecbx(8)12. Order as **DIANTHUS OLD ORCHARD ANNUALS**. Pkt. 10c;  $\frac{1}{8}$  oz. 25c.

**ANNUAL DIANTHUS DIVERSITIES**—For spreads of long beauty. **CHINESE DOUBLE MIXED**—Showy double blossoms. Varied colors. Pkt. 10c. **PEERLESS SINGLES**—Single flowers with deeply incised and lacinated petals. About every known Dianthus color and marking. Pkt. 15c; 3 for 40c. **SNOWBALL**—Fully double fringed flowers in snowy white. Pkt. 15c. **PINK BEAUTY**—Big double flowers in clear shell pink. Pkt. 15c. **OFFER 57A15**—One pkt. each of the four for 50c.



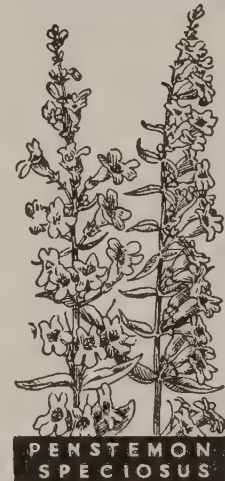
DIANTHUS KNAPPI



DIANTHUS ARENARIUS



STREPTOCARPUS



PENSTEMON SPECIOSUS



NUTTALLIA DECAPETALA



PRIMULA ROSEA

## 1 DIGITALIS, including Foxglove

Friendly long favorites, these. "x" culture. **ORIENTALIS AVALON**—(2-3)60. Gothic towers of flowers in close imbrications. Blossoms of downy white with chestnut reticulations have each a long lower lip or bee-balcony. *Illustrated page 11*. Pkt. 15c;  $\frac{1}{8}$  oz. 30c. **THAPSI**—(3-4)20. Charming Spanish species, a true long-lived perennial for rock garden or lower border. Fountain-like plants. Blossoms open buff-tinged cream, suffusing gradually with strawberry tones. Pkt. 15c;  $\frac{1}{8}$  oz. 30c. (Plants each 35c). **NEVADIENSE**—(3)40. Another long-lived Spaniard. Many slender, willowy, one-sided racemes of pure yellow flowers. Pkt. 15c. (Plants each 30c). **GIANT SHIRLEY FOXGLOVE**—(2)60. The old-time Foxglove in giant selection; big imbricated blossoms in white, varied pinks, to deepest rose, often charmingly spotted. Pkt. 15c;  $\frac{1}{8}$  oz. 25c;  $\frac{1}{8}$  oz. 40c. **HYBRIDA LUTZI**—(2)60. True Foxglove blossoms, in four-foot spires. Blush apricot to rosy salmon. Pkt. 15c;  $\frac{1}{8}$  oz. 25c;  $\frac{1}{8}$  oz. 40c. **PURPUREA MONSTROSA**—(2)60. Foxglove flowers in heavy, tapering spikes, capped quite surprisingly by one enormous final blossom much larger than any of the others. Pkt. 15c;  $\frac{1}{8}$  oz. 25c;  $\frac{1}{8}$  oz. 40c. **LAEVIGATA**—(3-4)40. Big lobed flowers of soft yellow, with open netting of red-brown. Pkt. 20c. **OFFER 58A55**—One pkt. each of above for 90c.

**DIGITALIS BLEND**—All above, with others. Pkt. 15c;  $\frac{1}{8}$  oz. 25c;  $\frac{1}{8}$  oz. 40c.

## 1 DODECATHEON or SHOOTING STAR

Fragrant blossoms in something of Cyclamen form, the petals thrown straight back as though by thrust of air in swift meteoric passage. A truly delightful spring flower for rock garden or for many another use. *Illustrated page 26*. Colorings range from suffused whites, through pink and lilac, to velvet purple. Some carry gold banding. A blend. Pkt. 20c;  $\frac{1}{32}$  oz. 50c.

\***DOLICHOS MIXED**—ex(3)100. Hyacinth Bean. Quick climber. Showy flowers, white or maroon. Pkt. 10c.

1 **DORONICUM EXCELSUM** (Plantagineum var.)—60 inches. Great Leopardbane. Big, and exceedingly showy flowers, to 4-inch diameters, are carried on long stems. Rich and shining golden orange. Spring. For mixed border or cutting. Plants only, each 40c.

1 **DOUGLASIA MONTANA**—ryt(1)5. Tufted rock garden perennial. Mounds of daintiest pink in spring. Pkt. 20c.

## \* DIMORPHOTHECA

The Cape-Marigolds (Dimorphothecas) are showy, long-petalled daisies from the south of Africa, to be grown as annual. "k" culture. **SINUATA**—Easiest, and altogether charming. Three months of flowers in glossily rich orange. Pkt. 15c;  $\frac{1}{8}$  oz. 25c. **RINGENS**—(3)14. Glistening, white 4-inch flowers are ringed violet and centered orange-and-black. Pkt. 15c; 3 for 40c. **AURANTIACA HYBRIDS**—(3)14. Tones of apricot, salmon, ecru, copper, rosy suffusions, with varied yellows. Pkt. 15c;  $\frac{1}{8}$  oz. 30c. **SPECTABILIS**—(4-5)20. Spectacular purple blossoms over slashed, silvery foliage. Needs longer season than the others. Start it early. Pkt. 25c. **OFFER 59A15**—One pkt. each of the four for 60c.

Give thanks for little things, for bit by bit these build our time. The strength of our understanding does not reach beyond.

1 **DRABA REPENS**—erkt(1)5. Mats of low green foliage, set over with a rippling canopy of little golden flowers. Pkt. 20c. (Plants, each 35c).

2 **DRACAENA AUSTRALIS**—w. Excellent pot plant, or for accents in lawn vases, porch boxes, etc. Long leaves, sometimes parti-colored. Botanically Cordyline. Pkt. 15c.

1 **DRACOCEPHALUM FRUTICULOSUM**—ebx(8)40. Showy long-bloomer, with whorls of elongated blue-violet blossoms. Good. Pkt. 20c.

\* **DRACOCEPHALUM MOLDAVICA WHITE**—ex(3)18. A pleasant, easy, aromatic annual. Long racemes of white flowers. Pkt. 10c;  $\frac{1}{8}$  oz. 20c.

1 **DRACOCEPHALUM NUTANS**—erx(1-2)9. Dense blue spikes followed by long decorative rosy violet bracts. Pkt. 20c.

1 **DRACOCEPHALUM RUYSCHIANA**—erbx(3)18. Called "Hardy Blue Snapdragon", though labiate. Big and showy blue-violet flowers in fat cluster-spikes. Desirable. Pkt. 15c.

2 **DYCKIA BLEND**—w. Desirable plants for pot culture, making dense rosettes of fat and highly glossy leaves, lightly spine-edged, the whole in a particularly deep, rich green. We like them very much. Eventually comes a high inflorescence, sulphur yellow to orange red. Bromeliads. Pkt. 20c; 3 pkts. for 50c. (Plants, each 40c).

1 **ECCREMOCARPUS SCABER**—ek(w)(8)70. Glory-vine.airy foliage and sprays of lobed flowers in orange scarlet. Charming pot or hanging basket plant, or may be grown outside on low trellis. Chile. Pkt. 15c.

1 **ECHINACEA PALLIDA**—ecbx(3)36. Cone-daisies with reflexed petals, pink to pale rosy purple. Pkt. 15c.

1 **ECHINACEA PURPUREA**—ecdbx(3)45. Showy flowers with reflexing rose-purple petals from high cone centers. Pkt. 10c;  $\frac{1}{8}$  oz. 25c. (Plants, **THE KING**, coppery crimson, each 45c. Also variety **WHITE LUSTRE**, gloss-white, each 60c. These two are usually listed as Rudbeckias).

1 **ECHINOPS**—ebx(3)70. The decorative Globe Thistles. **EXALTATUS**—Metallic blue. Pkt. 10c;  $\frac{1}{8}$  oz. 20c. **NIVEUS**—White. Pkt. 10c;  $\frac{1}{8}$  oz. 20c.

1 **EDRAIANTHUS**—erx(2)4. Wheel-bell. From grass-like tufted-hubs radiate stems that end in clusters of upfacing purple bells. **TENUIFOLIUS**—Showy in rock garden. Most wheel-like. Pkt. 20c. **PUMILIO**—A rare rock garden gem. Low, condensed. Pkt. 25c.

## 2 THE EASY ECHEVERIAS

Two attractive and desirable pot plants with foliage rosettes all thick, crispy and succulent, tall, curling racemes of pretty flowers above. **GLAUCA**—Rosettes blue-glaucous, with darker suffusion. Attractive flowers, rich pink with yellow tips. (Plants, each 30c). **ELEGANS**—Called Ghost-flower, from the eery look of it at dusk. Rosettes silvery white. Dainty flowers of apricot tone. (Plants, each 30c).

\* **ECHINOCYSTUS LOBATA**—e. Easy, rapid-growing annual vine. Panicles of little lacy flowers, followed by curious fruits. Pkt. 10c.

\* **ECHIUM NEW HYBRIDS**—erdk(8)20. Tones of intense blue, but rose-colored when the buds first open. Others will be pure white, all in graceful, crosier-sprays. *Illustrated page 3*. Pkt. 15c.

\* **ECHIUM WHITE HILLS**—Variety of last with enamel-white flowers that build up into undulate snowy hills. These two Echiums are easy garden annuals. Pkt. 15c.

**ECHIUM SIMPLEX**—Spectacular biennial from the Canaries, with dense, cylindrical, unbranched spikes of blue flowers to 10 ft. South, or start very early under glass if grown North. Pkt. 20c.

1 **ELSHOLTZIA FARQUHARI**—eocbx(4)40. In September the candelabrum branches fill with fluffy, attractive purple bloom-spikes. Aromatic. Pkt. 15c;  $\frac{1}{8}$  oz. 35c.

3 **ERANTHIS HIEMALIS**—ryt(1)4. Winter Aconite. In earliest spring come green-ruffed yellow flowers. A hardy bulb. Pkt. 15c;  $\frac{1}{8}$  oz. 30c.

1 **EPIMEDIUM**—Charming and dainty rock garden plants for shade or sun. So delightfully graceful is the foliage that just cut sprays of it are decorative. **COCCINEUM**—7 inches. Exquisitely formed, airy foliage. Soft red flowers. Plants, each 50c. **NIVEUM**—8 inches. Intricately made blossoms like tiny snowy orchids. Plants, each 50c. **PIN-NATUM ELEGANS**—9 inches. Pretty little bright yellow flowers. From Persian mountains. Plants, each 50c. **OFFER 61A35**—One plant each of the three for \$1.40.

## 2 THE SCARLET ORCHID

Here is a beautiful true Orchid, Epidendrum O'Brienianum, that handles well as a pot plant under window conditions. Brilliant scarlet blossoms in big spray-clusters, lips touched with orange yellow. *Illustrated opposite*. Pinch plants back occasionally to keep them bushy. Per pkt. 25c; 3 pkts. for 70c. (Good plants that should bloom within a few months, each \$1.00).



## 1 EREMURUS or FOXTAIL LILY 3

By mid-June the magnificent spike of Eremurus robustus that has so strikingly accented the border, is losing its hundreds of airy, pink star-blossoms, but the nearby Eremurus Bungei, from hills of north Persia, will be opening the rich gold of its pyramid spires and the lower buds of the Shelford Hybrids will show varied lovely tones of apricot, salmon and coppery orange. Eremurus is of full winter hardiness here, and there is little difficulty to the growing of it, providing seed is sown so that it has long exposure to cold. The roots go fully dormant in summer. Seedlings take at least three years to reach flowering size; may take longer, but they are long lived, once happily established. "yt" culture. *Illustrated page 26*. **ELWESIANUS**—6 ft. Pale pink. Early. **ELWESIANUS ALBUS**—6 ft. Earliest pure white. **BUNGEI**—Spikes of gold-orange stars. **ROBUSTUS**—8 ft. Hundreds of individually large rose-pink stars packed in tall spires. **HIMALAICUS**—8 ft. Dense spikes of fragrant, snowy stars. **SPECIAL HYBRIDS**—5 ft. This group is latest to bloom. Rich in delectable apricots, salmon tints, orange, coppery tones, with pure or suffused white. **UNIFORM PRICE** any of above, pkt. of 20 seeds for 20c; 100 seeds for 65c; 250 for \$1.45; 500 for \$2.75. **OFFER 60A55**—One pkt. each of the six for \$1.00.

**EREMURUS PEERLESS BLEND**—Above in mixture, with perhaps others. 25 seeds for 20c; 100 for 60c; 250 for \$1.35; 500 for \$2.50; 1000 for \$4.70.

## 1 ERODIUM

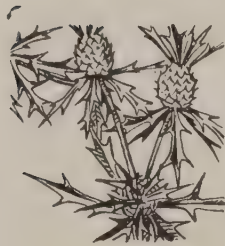
Delightful long-bloomers for rock garden or border. **MACRADENUM**—rkt(8)7. Soft pink blossoms with radiating lines of velvety black. Fern foliage. 5 seeds for 15c. **MANESCAVII**—erbkt(8)15. Far-seen blossoms of flaming-rose-purple for month after month. Feathery, aromatic foliage. Pkt. 15c; 3 for 40c.

**CHAMAEDRYOIDES ROSEUM**—In full sun it blooms continuously. Foliage cushions are jeweled with rose-veined pink flowers. Plants only, each 45c.

1 **ERINUS ALPINUS**—\*erpstx(2-3)5. Jewel-flower. Charming blossom miniatures of violet, or sometimes of soft rose, are set densely over low mound tufts. Long in bloom. Full sun. Pkt. 15c.

1 **ERYNGIUMS MIXED**—ex. Ornamental flowerheads in tones of blue, including azure. For bizarre decorative effects in garden, or to cut for winter bouquets. Many fine kinds, but not *Leavenworthii*. Pkt. 15c; 1/2 oz. 35c. (Plants each 35c; 3 for \$1.00).

### \* PURPLE DECORATIVE 1



Showy flowerheads of richest, glowing purple-violet are subtended by jagged bracts in the same deep glorious shade. Plant it for striking decorative effects, as it grows in the garden, or cut, it is *ERYNGIUM LEAVENWORTHII*, *Illustrated opposite*. Sown very early, this blooms first year. Sown late, it blooms the next year. Pkt. 20c; 3 pkts. for 50c.

### 1 ERIGERON

Attractive race of low hardy daisies for rock garden or varied casual colonies elsewhere. The blossoms have many long, narrow petals, mostly in lavender, blue or violet, but there are rosy lilacs, pink suffusions and whites. Blossoms rise on slender stems from foliage tufts or mats. "kt" culture. Pkt. 15c; 3 for 40c. (*Multiradiatus*, *Karvinskianus*, *Speciosus*, *Caucasicus* and *Glaucus* same price).

1 **ERIGERON FLAGELLARIS**—kt. Prostrate, whiplike stems that root at their tips, make wide, close, springy mats. Above come multitudes of slender-stemmed little daisies in lavender-tinged white. A quick, hardy ground cover for dry, hot places. Pkt. 15c. (Plants, rooted divisions, each 20c; 3 for 55c; 10 for \$1.50).

### 1 DISCOVER ERIOGONUM

It's a new world of blossom pleasure. Flowers in cream, lemon or white, but with pink or apricot suffusions, are carried in shaggy clusters over desirable foliage. Full hardiness in sunny, well-drained places. rbkt(2-3) *Illustrated page 2*. Pkt. 15c.

We need our daydreams, even those of wakeful nights.

1 **ERYSIMUM LINIFOLIUM**—erx(2)12. Spanish Wall-flower. Much-branched low plants are filled with dainty mauve to lavender blossoms. Pkt. 15c.

2 **ERYTHRINA CRISTA-GALLI**—ew(3-4)60. Lucent coral rose blossoms in many great flaring racemes. Varies to crimson. Pleasing pinnate foliage. Usually grown in the summer garden, the enlarged, somewhat tuberous roots being carried over winter by storing in dampish sand in a cool cellar. For earlier bloom, pot the roots up in March and start them into growth, transplanting to open ground as soon as freezing danger is over. Large bean-like seeds, 5 for 20c; 15 for 50c.

2 **ERYTHRINA HERBACEA**—ew(3-4)40. Slender flowers of most brilliant scarlet, the seeds bright red, too. Pkt. 20c.

3 **ERYTHRONIUM MIXED**—stry(1). Trout Lily or Dog-tooth Violet. Recurved flowers in cream, lemon, gold lavender, purple, rosy pink. 5-10 inches. *Illustrated page 14*. Charming little Lily-blossoms for a shaded corner where they will give you spring pleasure for long years to come. Separate species in Treasure Chest. Fine blend, pkt. 20c; 1/8 oz. 30c; 1/2 oz. 50c.

4 **EUCHARIS GRANDIFLORA**—Lily of the Amazon. Waxen blossoms pure white sparkling formed in suggestion of Daffodil. Sweetly perfumed. Handle as a pot bulb giving ample water and keeping from too much sun. May be brought into flower several times each year by giving a short semi-rest with scantier watering between each bloom-burst. Shipped any time. Bulbs each \$1.25; 3 for \$3.50.

1 **EUPATORIUM RUGOSUM**—cstkt(3-4)30. Fluffy pure white. Shade-tolerant. It cuts. Pkt. 15c.

1 **EUPATORIUM COELESTINUM**—Mist-flower or hardy perennial *Ageratum*. Delightful airy sky blue. Shade-tolerant. It cuts. 25 inches. Plants each 35c; 3 for \$1.00.

3 **EUSTYLIS PURPUREA**—kt(2-4)20. Blossoms like smaller *Tigridias*, blue violet, marked gold and mahogany. *Illustrated page 15*. A bulb, *Tigridia* handling. Pkt. 20c.

### \* ESCHSCHOLTZIA (California Poppy)

For glorious summer-long color sow the California Poppies, full sun always. No easier flowers. **FIRE FLAME**—Giant single flowers of gorgeous fire-scarlet. Plants erect. Pkt. 15c. **CREAMY CRINKLES**—Big single flowers with crinkled petals, soft primrose to apricot-buff; plants spreading. Pkt. 15c. **HARVEST GOLD**—Single flowers to four inches, pure golden yellow. Erect plants. Pkt. 15c. **SWEETHEART**—Fine double flowers with fluted petals, flaming rose over cream. Plants spreading. Pkt. 10c. **RED CHIEF**—The richest, single flowers of red-mahogany. Plants spreading. Pkt. 15c. **OFFER 62A15**—One pkt. each of the five for 60c.

**ESCHSCHOLTZIA SUPERBLEND**—Our finest, above with others, singles and doubles, petals silk-crinkled, colorings of dainty cream, apricot, orange, scarlet buff pink, carmine, near-crimsons, golden roseate coppers and the like. Pkt. 10c; 1/8 oz. 20c; 1/4 oz. 35c.

**ESCHSCHOLTZIA BROADCAST BLEND**—Chiefly of kinds that will maintain for years through their own self-sowings, so most suitable for broadcast naturalizings. It is based on brilliant yellows and oranges, but with a bit of white, and just enough of the apricots, pinks and reds for effective spot contrasts. Oversize pkts. 10c; 1/8 oz. 15c; 1/4 oz. 25c; 1 oz. 70c; 1/4 lb. \$2.00.

### 3 THE PINE-APPLE LILY 4

It is *EUCOMIS UNDULATA*, unusual South African bulb for either summer garden or pot culture. It may be dug in autumn and winter-stored in manner of *Gladiolus*. Highly attractive foliage, crimped and frilled, flaring in graceful simulation of a Birds-nest Fern. From the center rises the thick, tight spike of flowers, cream with elfin green tintings. After the flowers go, the seed capsules that follow are hidden deeply in packed green bracts, the whole topped with another foliage rosette, so that the thick spike looks for all the world like a green Pine-apple. ek(w)(3)14. Pkt. 20c; 3 pkts. for 50c. (Bulbs, three-year, which is about size for first bloom, each 40c; 3 for \$1.10).

### \* ANNUAL EUPHORBIAS

Easy flowers for any sunny place. **MARGINATA**—Snow-on-Mountain. Floral leaves of pure white, other leaves green with wide white margins. It cuts. 36 inches. Pkt. 10c; 1/2 oz. 35c. **HETEROPHYLLIA**—Fire-plant or Annual *Poinsettia*. Each stem ends in a whorl of fire-scarlet floral leaves. Pkt. 10c; 1/8 oz. 25c. **LATHYRUS**—Decorative plants with tall stems that bear four densely piled rows of lanceolate leaves, arranged in even cross form, all silvered blue-green. Pkt. 10c.

### 1 HARDY PERENNIAL EUPHORBIAS

They are among the more desirable hardy perennials. "kt" culture. **POLYCHROMA**—At its best, there is, perhaps, no showier perennial. You are pretty sure to like it. In spring the plants are 16-inch globes of golden floral leaves that seem to be bright flowers. Then come the multitudes of odd seed-capsules in gayest red. In autumn the plants turn rich crimson. Pkt. 20c; 1/32 oz. 35c; 1/8 oz. 60c; 1/2 oz. \$1.10; 1/4 oz. \$2.00. **MYRSINITES**—Low decumbent, with fat spraying stems set with blue-green leaves. In spring each stem ends in a crown of gold. An attractive and fully hardy perennial for rock garden, terrace or bedding. Drought and heat-resistant. *Illustrated page 6*. Pkt. 15c; 1/8 oz. 35c; 1/4 oz. 60c. (Plants, each 35c; 3 for \$1.00; 10 for \$3.00). **COROLLATA**—High, airy panicles of pretty little white flowers, desirable in the border, and excellent for cutting. Valued by florists for mixing with other cut flowers in manner of *Gypsophila*. Fully winter-hardy. Pkt. 15c; 1/8 oz. 35c; 1/4 oz. 60c; 1 oz. \$2.25. (Plants, each 30c; 3 for 85c). **OFFER 63A55**—One Pkt. each of the three for 40c.

### 2 THREE TENDER EUPHORBIAS

These three odd exotics, so different one from another, all make desirable, and not at all difficult, window pot plants. **APHYLLA**—w. Great tangles of pencil-size branch-size branchings, deep green, succulent, altogether leafless. Pkt. 25c. **CANARIENSIS**—Unusual Canary Island Cactus—simulate, with succulent, jagged, flanged branches. Pkt. 20c. **SPLENDENS**—This is the Crown-of-Thorns. A long-lived, attractive pot plant with many well-leafed spiny stems, the "flowers" brilliant orange scarlet. When shipped the plants drop their leaves, but always put out new foliage within a few days. Plants only, each 40c.

2 **FAUCARIA TIGRINA**—Called Tiger's Jaw from the thick, triangular, opposed leaves, edge-set with curved, interlocking teeth. Nice yellow flowers. Curious, and attractive little pot plant. Plants, each 35c.

\* **FELICIA BERGERIANA**—k(2)8. The gay Kingfisher Daisy of South Africa, a pleasant annual with blossoms of kingfisher-blue. Pkt. 15c.

1 **THE HARDY FERNS**—Varied hardy ferns, including the Maiden-hair, the Hay-scented, the Christmas Fern and others, the spores in mixture. Dust the spores on surface of clean, friable soil in flats and pots. A mixture of screened sand and peat or leaf-mold, is ideal. Cover with pane of glass until after germination. Per pkt. 20c.

1 **FESTUCA GLAUCA OLD ORCHARD**—In this form the whole plant is steel blue, dense, formally plush-like in the close packing of the grass-blades. Six inches high and through. Rock garden specimens, or edgings. Plant divisions, each 30c; 3 for 85c; 10 for \$2.50.

1 **FILIPENDULA HEXAPETALA**—A delightful double-flowered Meadowsweet in snowiest white. Above fern foliage, 12-inch stems bear sprays of blossoms that might be frozen seafoam. Full hardiness. Charming in rock garden. Plants, each 45c; 3 for \$1.25.

**FORGET-ME-NOT**—See *Myosotis*.

1 **FRANCOA RAMOSA**—cbkt(3)30. Pure white blossoms in long racemes. For border or cutting. Decorative Chilean perennial that needs winter protection north of Washington, D. C. Pkt. 15c; 3 for 40c.

5 **FRANKLIN TREE**—k. *Gordonia alatamaha*. Rare large shrub or small tree, needing *Rhododendron* conditions. In autumn, large, waxy white flower-bowls, centered with golden stamen tassels. Later the foliage becomes scarlet. Pkt. 20c; 3 pkts. for 50c.

### 1 THE BLUEBELL GENTIAN\*

A glorious beauty, this **EUSTOMA RUSSELLIANUM** or Bluebell Gentian, the *Lisianthus* of English horticulturists. The blossoms are big, wide bells of clearest blue, purple-patched within, and on just one well-grown plant as many as 80 flowers have been counted at one time. Fine seed, a bit slow in starting unless sown outside in late autumn or early spring so that it has long exposure to cool soil. Under right conditions, will flower first year. rbltk(2-3) 30. Pkt. 20c; 1/32 oz. 50c.

### FIGS FOR THE NORTH

You can grow your own Figs, even in the North, for the trees are almost hardy, and usually carry through well if given a position close to south side of a building or wall where cold winds are broken, together with a protection of corn stalks or other material in winter. Figs grow quite quickly, and start fruiting at a fairly early age. In the North they are best trimmed as semi-bushes, or as low, several-stemmed trees. About half of the seedlings may be expected to bear good, edible, sweet fruits. There are hundreds of fruiting fig trees in many of our larger cities (as Philadelphia), growing in the restricted yard spaces of the areas where our people of south European origin live. We offer seeds saved from good, fruiting varieties, including new crosses. *Ficus carica*. Pkt. 20c.

### 4 FREESIAS FROM SEED

Quick from seed, often flowering within six months after sowing. The sprays of perfumed flower-trumpets come in rainbow hues, primrose to gold orange, lavender, true blue, soft pink to carmine, together with rare sunset tones, with white. Splendid blend. ecw(7)16. Pkt. 20c; 1/8 oz. 30c.

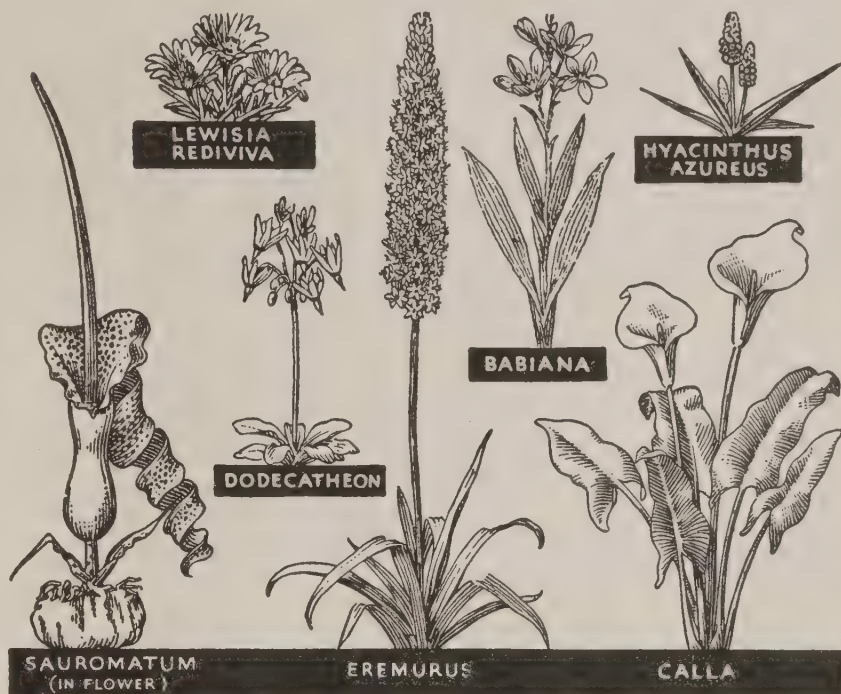
### 3 THE DAINTY FRITILLARIES

First cousin to the true Lily, the genus **FRITILLARIA** holds many a charming exquisite, along with bolder beauties, and a few more somber in their habiting. Flowers are usually recurved, but again bell-like. Variations in cream, yellow, rose, mulberry, violet, scarlet, white, often applied in tessellations but sometimes the bell is all one color without quite another within. Rock garden or shade-edge colonies. "yt" culture. Mixed. Pkt. 20c; 1/8 oz. 45c; 1/8 oz. 40c.

**FRITILLARIA IMPERIALS**—yt. Crown Imperial. Circlets of pendant, showy bells, bronze, orange or crimson. 40 inches. Pkt. 20c; 3 pkts. for 50c.

**OTHER FRITILLARIES**—Uniform price, pkt. 20c. *Recurva*, *Pudica*, *Stracheyi*, *Lanceolata*, *Purdyi*. OFFER 64A25—one pkt. each of the five for 90c.

\* **FROELICHIA DRUMMONDI**—eck(3-4)50. Quick annual, valued as hardy border filler, or for the wild garden. Many upright stems, covered with cotton down, this, too, on the leaves, and the flower and seed clusters. Pkt. 15c.



### 2 THE COLORFUL FUCHSIAS

**CONSERVATORY BLEND**—Pendant "eardrop" flowers in soft color tones, often two hues contrasting. Excellent window or conservatory plants, easy, long in bloom. Splendid mixture, saved from both single and double-flowered forms. Seeds are tiny. Pkt., not less than 20 seeds, 25c.

**FUCHSIA SPECIES**—Many of these are rare. All are good. Uniform pkt. price, each 25c. **BOLIVIANA**—Long flowers in drooping corymbs. Sepals pale rose, petals rich rose. Fine ornamental. **BOLIVIANA ALBA**—The highly desirable white-flowered form of the last. **ARBORESCENS**—Upright panicles of pink to red flowers, lilac-scented. Fine winter-bloomer. **CORYMBIFLORA ALBA**—Pure white blossoms to four inches long, carried in big, drooping corymbs. **HEMSLEYANA**—A pretty, dwarf species just right for pot culture. Variable. **FULGENS**—Terminal clusters in brilliant scarlet. **MACROSTEMMA ALBA**—Pendulous white flowers. A fine species of considerable degree of hardiness, wintering outside in near-mild climates. OFFER 65A55—One pkt. each of seven for \$1.50.

1 **FUCHSIA MAGELLANICA**—Pendant rosy blossoms, centered blue-violet, carried on gracefully diffuse plants, to 10 inches. Desirable in the rock garden. With protection of straw or litter will winter outdoors well north. *Illustrated page 11*. Plants, each 45c; 3 for \$1.25.

### \* GAILLARDIA ANNUAL

**PICTA SINGLE MIXED**—Gorgeous colorings, lemon to bronze-maroon, in odd combinations. Pkt. 10c; 1/8 oz. 20c.

**FIESTA**—Fully double flowers of smoky red, each petal tipped yellow. Pkt. 15c.

**PEERLESS DOUBLE MIXED**—Curly ball-blossoms in gay and varied applications of brilliant reds, yellows, oranges. Pkt. 10c; 1/8 oz. 20c.

### 1 GAILLARDIA PERENNIAL

Rich, intense color for border or vase, June to autumn. "x" culture. **PORTOLA HYBRIDS**—Flowers of great size, running chiefly to gold-tipped metallic reds. Vigorous upright habit; long cutting stems. Pkt. 10c; 1/8 oz. 25c. (Plants, each 30c; 3 for 85c). **WAR-MOON**—Flowers mostly blood red, but with some variations. Pkt. 20c. **SUNSET**—Pure golden yellow. Long bloomer. Pkt. 15c. **BURGUNDY**—Wine-red to maroon, occasionally yellow-tipped. Pkt. 15c. **TANGERINE**—Variations in tangerine-orange to copper. Pkt. 15c. OFFER 66A55—One pkt. each of five for 60c.

**GAILLARDIA GIANT YELLOW**—Big flowers. Unstained yellow no red at all. Plants only, each 45c; 3 for \$1.20.

**GAILLARDIA THE RUBY**—Red and glowing as a ruby, no touch of yellow. Plants only, each 50c; 3 for \$1.40.

1 GALAX APHYLLA—rmstatyt(1)10. Ornamental foliage, that in spring is delicate green-yellow, in summer bronze, in autumn wine red. Spikes of pretty cream-white flowers. Pkt. 15c. (Plants, each 45c; 3 for \$1.20).

1 GALIUM—ex(2-3)—Lacy foliage and sprays of airy flowers. AETNICUM—25 inches. Seafoam Flower. Wave-spray of white with faintest green suffusions. Pkt. 15c. VERUM—25 inches. This is the charming Golden Baby-breath, rather effect of Gypsophila in yellow. Tall sprays of airy golden flowerlets, over foliage of emerald lace. Good cutter. Pkt. 15c; 3 pkts. for 40c. (Plants, each 40c).

\* GAMOLEPIS TAGETES—ex(2-4)6. Pretty long-blooming annual. Fine foliage, and deep golden flowers. Pkt. 15c.

2 GASTERIA BLEND—w. Curious pot plants with thick, tongue-shaped leaves that are usually tightly piled in two opposite rows, and often marbled or marked with white. The flowers are red, or rosy. Pkt. 20c.

\* GAZANIA HYBRID BLEND—erk(w)(8)9. Here is continuous, all summer brightness that fears neither drought nor burning sun. Green foliage rosettes, cottony below, are dominated by big daisies that vary from lemon to deepest orange, even at times with red approaches. Usually the blossoms are zoned with a precisely serrated banding of red-brown or of blue-black. In the garden Gazania handles as an easy, showy annual, but it makes a superb pot plant, too, living and blooming in window or greenhouse for years. erk(w)(8)9. Fine blend. Pkt. 20c; 3 for 50c.

2 GAZANIA PINNATA FLAME—w. A rare form. Rich flowers that may be scarlet, carmine or marocco red, usually brown ringed. Pot culture. 6 seeds for 25c.

3 GEISSORHIZA SPLENDIDISSIMA—erk(3)10. Unique South African bulbs with rather Freesia-like flowers of blue-violet. Give Ixia handling. Pkt. 15c.

6 GENISTA CANARIENSIS—w. Handsome, fragrant yellow flowers. Pot plant, North. The Genista of the florist, but botanically a Cytisus. Pkt. 15c.

1 GENISTA HARDY DOUBLE GOLDEN—An altogether desirable low hardy plant, to about 12 inches, carrying massed double golden flowers over a long period in late spring. Exceedingly showy. Excellent, bright green foliage throughout season. Plants, each 50c; 3 for \$1.40.

2 GERBERIA JAMESONI HYBRIDS—k(w). Transvaal Daisy. Big and graceful daisy-flowers of many bright hues and blending tones, salmon, orange, apricot, yellow, coral, pink, rose and scarlet. Often four inches across. North, usually grown as a house or conservatory plant, or plunged in the garden in summer, and wintered in a light cellar. 15 seeds for 15c; 50 seeds for 40c; 100 for 75c.

1 GLOBULARIA WILKOMMI—erbkt(2)12. Globe-daisy. Downy flower-tuffets of soft blue, very many of them, on slender stems. In winter the foliage is red-maroon. *Illustrated page 37.* Pkt. 10c;  $\frac{1}{16}$  oz. 25c.

1 GILLENIA STIPULATA—cbstkt(3-4)30. Graceful showers of loose blossom stars in white to palest blush. Shade-tolerant, but stands sun well, and it cuts. Pkt. 15c.

## 2 PELARGONIUM (Tender Geranium)

Desirable, handsome flowering plants for pot culture or, in the case of Zonale, also for bedding. Technically the Zonale Hybrids are Pelargonium hortorum, while the Show and Fancy is Pelargonium domesticum.

GERANIUM ZONALE HYBRIDS—w. These are the usual house or bedding Geraniums. They are easy from seed, flowering rather quickly, and the seedlings will show amazing range of colorings, white, pink, rose, salmon, scarlet, crimson. They tend to be everblooming, and will give wonderful effects for a sunny window, porch box, beds, or to edge a garden path. Pkt. 20c; 3 pkts. for 50c.

ZONALE GERANIUM PLANTS—Two of the newer and finer. BRILLIANT PINK—Double flowers of rich and glowing pink in heavy trusses. By many considered the best pink Geranium. Plants each 40c; 3 for \$1.10. SPRING-FIELD ORANGE—Double flowers of true orange, a rare tone. Strikingly beautiful. Plants, each 40c; 3 for \$1.10.

PELARGONIUM SHOW AND FANCY—w. When most flower-growers say Pelargonium, this is what they have in mind. Sometimes called Lady Washington Geranium. The flowers are particularly large, ground color of white, rose or red, always with contrasting, darker velvety blotch. 6 seeds for 25c; 20 seeds for 75c.

## 1 TRUE or HARDY GERANIUM

They give a long display of handsome bloom, wintering without any difficulty well north, and give a pleasant touch to the rock garden, or the border. All will stand full sun, but all are reasonably shade-tolerant. Please don't confuse them with the frost-tender bedding or pot plants that the florist calls "Geraniums," for those are really Pelargoniums. The true Geraniums are winter-hardy outdoor perennials. BLUE BEAUTY—(2-3)20. Rounded, bushy plants are mantled with big blue-lavender blossoms from June into August. A desirable, garden-effective hardy perennial. Pkt 20c;  $\frac{1}{8}$  oz. 45c. CAESPITOSUM—(2)16. Earliest to bloom of our species. Pretty mauve flowers. Pkt. 20c. ENDRESSI—(2-3)18. Delightful rosy pink flowers of medium size. A long-bloomer from the Pyrenees. Pkt. 25c. GRANDIFLORUM—(3)14. Fine big flowers of blue-lavender, veined purple, and usually with white eye. 8 seeds for 25c. MACULATUM—(2)28. Large flowers that vary from mauve rose to lavender. Pkt. 15c;  $\frac{1}{8}$  oz. 30c. MACRORHIZUM—(3)14. Odd Balkan species with flowers of an odd, silvered rose. 6 seeds for 20c. SANGUINEUM—Long and gorgeous blossoming usually in a tone not far from blood red, but varies greatly, and always pleasingly, in height, season and color. Foliage becomes glowing red in autumn. *Illustrated page 49.* Pkt. 15c;  $\frac{1}{8}$  oz. 40c. (Plants, strong divisions, each 35c; 3 for \$1.00; 10 for \$2.85). PRATENSE MIXED—(3)25. An attractive species, mostly with blue-violet flowers, but always giving some seedlings in pure white, and usually a few with white splashed with blue. Pkt. 20c; 3 pkts. for 50c. OFFER 70A55—One pkt. each of the above for \$1.40.

GERANIUM HARDY BLEND—The above, with orders, all shade-tolerant. Pkt. 15c;  $\frac{1}{8}$  oz. 35c;  $\frac{1}{8}$  oz. 55c.

GERANIUM LANCASTER—Rock garden plant of rare charm. Low mats set with flowers of purest pink, veined rose. The Walney variety of Sanguineum. Plants, each 60c.

GERANIUM AVALON JEWEL—Another fine mutant of Sanguineum, right for the rock garden. Wide, low foliage plaques, blossoms that glow in purple fire. Plants, each 50c.

\* GERANIUM WHITE ROBERT—k(8)9. All summer there are delightful little white flowers. Foliage fine, glossy bronze-red. A dainty form of the likeable annual Geranium Robertianum. Shade or sun. Pkt. 25c.

## 1 VIVID GEUM

Brilliant color here for every rock garden, every border, erbx. BORISI—(2-4)9. Flowers like big Strawberry blossoms in scarlet-toned orange. Pkt. 20c. FIRE OPAL—(8)25. Really fire-scarlet, bright as a flame. Semi-double. Pkt. 20c. (Plants, each 50c; 3 for \$1.40). LADY STRATHE-DEN—(2-3)20. Exceedingly bright golden orange, semi-double. Pkt. 15c. MRS. BRADSHAW—(2-4)24. Large double flowers of orange scarlet. Long in bloom. Pkt. 15c. MONTANUM—(2-3)8. Foliage clumps of green feathering, set with richly shaded golden flowers, followed by decorative seed-plumes. Pkt. 20c. RIJNSTROOM—(8)24. Flowers of brilliant orange-copper, 3 to  $3\frac{1}{2}$  inch diameters, May until October. Plants only, each 60c; 3 for \$1.65. OFFER 71A55—One pkt. each of the five in seed form for 75c. GEUM MIXED—Only the better kinds, a fine blend. Pkt. 15c; 3 pkts. for 40c.

## THE GORGEOUS GILIAS

Some of them are annual, some perennial, all here very decidedly garden-worthy.

GILIA RUBRA—ebkt(3-4)50. Skyrocket Flower. Spectacular in the great spikes of vivid coloring. *Illustrated opposite.* The individual flowers are coral-suffused scarlet. Fine, airy foliage. A very easy and fully winter-hardy, though somewhat short-lived, perennial of magnificent showiness. Pkt. 15c;  $\frac{1}{8}$  oz. 25c;  $\frac{1}{8}$  oz. 40c.

GILIA AGGREGATA—bkt(3-4)36. Flaunting, effulgent banners in scarlet-and-buff. Hardy perennial. Pkt. 20c.

GILIA CAPITATA—ebcdx(8)30. Queen Anne Thimble. Dainty annual. Tight, capitate clusters of pretty, skyblue florets in effect of doubleness. Pkt. 10c;  $\frac{1}{16}$  oz. 20c.

GILIA ANNUAL MIXED—Interestingly varied annuals in pink, blue, lavender, white. Pkt. 10c.





**THE FRINGED GENTIAN** — *Gentiana crinita*—\*rnstyt(3-44)25. Flowers of exquisite charm, with deeply fringed petals in misty sky blue to indigo. Late autumn or early winter sowings are best, though early spring sowings will often give adequate results. Does not transplant well, except when small. *Illustrated opposite*. Pkt. 20c; special large pkg. 50c.

## 1 THE GENTIAN

Gentian for blue, blue for Gentian, almost the words are interchangeable. Nor are Gentians unduly difficult, no reason at all why every rock garden, every hardy perennial border, should not be jeweled with them. Mostly they like cool, deep soil, but by mulching about them with straw or leaves it is easy enough to keep soil temperatures low. "kt" culture. **ACAULIS**—The low, wide plants carry rich blue trumpets of rather startling size. 7 inches. Early blooming. Pkt. 20c. **ANDREWSI**—(3-4)20. A handsome plant when well grown. Serried clusters of flowers like sealed vases, all in brilliant, vitreous blue. Pkt. 15c; 1/32 oz. 30c. (Plants, each 40c). **ANDREWSI WHITE**—Like last, but in pure white. Pkt. 20c. **ASCLEPIADEA**—(2)12. The Willow Gentian of Italy. Sheafs of lithe stems are loaded with little sapphire trumpets. Pkt. 20. **CALYCOSA**—(3)12. Pretty flowers of dark blue with olive green dots. Water this one freely in drought. Pkt. 15c. **CRUCIATA**—(3)10. Excellent bedding Gentian. Small to medium-sized cross-shaped flowers in great profusion. Pkt. 15c; 3 pkts. for 40c. **DAHURICA**—(3)14. An adaptable and meritorious species with beautiful deep blue blossoms. Pkt. 20c. (Plants each 40c; 3 for \$1.10). **FARRERI**—(3)7. Chinese species with upfacing flower-trumpets of Cambridge blue, white in throat. Pkt. 25c. **FREYNIANA**—(2-3)9. Like a Septemfida with slightly larger, less fringed flowers. Pkt. 15c. **GRACILIPES**—(3)12. This desirable species with handsome indigo flowers comes from the Chinese province of Kansu. Pkt. 20c. **HASCOMBIENSIS**—(2-3)8. An English hybrid with big cups of mid-blue, white-speckled. Makes fine large plants. Pkt. 15c. **KIRISHIMA**—(4)5. Perhaps the most desirable autumn-flowering Gentian for the rock garden. Exceedingly free-blooming, the plants are little rugs of packed upfacing trumpets in richest blue. A rare delight. Pkt. 35c. **LAGODECHIANA**—(3-4)8. In bloom continually for months, charming blossoms that are wide-lobed luxuriant bells of deep indigo. *Illustrated page 11*. Pkt. 20c. **PHLOGIFOLIA**—(3)15. A Gentian for everyman. It succeeds under a wide range of varying conditions. Usually considered a rock garden species, but even in the difficult coastal plain climate it does so well that it may be massed for bedding effects. Medium-size blossoms of deep blue are produced in great abundance. Pkt. 15c; 1/32 oz. 30c. (Plants, each 35c; 3 for \$1.00; 10 for \$2.85). **PNEUMONANTHE**—(3-4)8. Excellent late-flowered Gentian with many narrow upfacing trumpets of dark blue. Pkt. 20c. **PORPHYRIO**—(4)12. No Gentian is lovelier than this, the rare glory in autumn of certain wild and barren places, a treasure for every gardener's seeking. Upfacing blossoms of purest ultramarine, dotted olive. The plants are mostly flower, for the foliage is scanty, narrow, glossy shreds of leaves. Pkt. 20c; 3 pkts. for 50c. *Illustrated page 48*. **SCABRA** **BUERGERI**—(3-5)16. Wreath Gentian. This is a good one, big five-lobed bells in a fine deep blue, grouped and scattered along the several out-spraying stems. In bloom through September and October. *Illustrated opposite*. Pkt. 20c. **SCEPTRUM**—(3)36. Terminal campanulate flowers of deep blue, dotted yellow within. Often spectacular Pkt. 15c. **SEPTEMFIDA**—(2-3)9. Definitely one of the two or three better all-purpose Gentians, free-blooming, relatively easy, and exceedingly beautiful. Pkt. 15c. **OFFER 69A55**—One pkt. each for \$3.25. **GENTIAN BLEND**—The kinds above, with others. Fine mixture. Pkt. 15c; special large pkg. for 50c.



**LOOKING FOR HOUSE PLANTS?** Watch for listings with numerals 2 or 4 before the variety names if you want kinds suitable for growing in pots in window, sun porch or green house. Some of those marked 6 or 8 are good for pot growing, too. See heading **PLANT FINDER**, on second page of catalogue.

## 3 GLORIOSA 4

The Glory Lilies grow with fair ease from seeds sown in spring in open ground beds. In autumn, dig the tubers and store them over winter in sand and in a cool cellar. Two-year old tubers will bloom. May be treated either as a summer garden bulb, Gladiolus fashion, or it may be grown as a pot plant. *Illustrated page 49*. **PLANTI**—Wavy blossoms in those melting tones that lie between gold-orange and rose. Pkt. 20c. **ROTHSCHILDIANA**—Big blossoms in iridescent crimson, sometimes gold-edged or rose-tinted. Pkt. 20c; 3 pkts. for 50c. (Tubers, each 90c; 3 for \$2.60.) **SUPERBA**—Exceedingly showy. Blossoms in varied rich combinations of red and gold, petals much crisped. Pkt. 15c; 3 pkts. 40c. **OFFER 74A55**—One pkt. each of the three for 50c.

## 3 THE SPECIES GLADIOLI 4

Here are rare botanic species, many of them altogether charming, all of them interesting. Of particular value in hybridizing work. Sow them early, while soil is cool. Number of seeds in packet varies according to kind, from 6 to perhaps 20 or more. **UNIFORM PRICE**, 20c the pkt. **CALLISTUS**—26 inches. Pale pink with carmine. **TRISTIS**—25 inches. Fragrant cream, brown-flushed. **PERMEABILIS**—25 inches. Vivid orange pink to orange scarlet. **STANFORDIAE**—20 inches. Bright pink, patched pale yellow. **WATERMEYERI**—Pale lilac and cream. **NAMAQUENSIS**—25 inches. Brilliant flame. **ILLYRICUS**—20 inches. Variable red-violet. **PSITTACINUS**—40 inches. Showy scarlet with orange and yellow markings. **HIRSUTUS**—25 inches. Fine deep pink, with slight pleasing fragrance. **FORMOSUS**—Blue-violet to true pink, always with yellow marking. **OFFER 72A25**—One pkt. each of above for \$1.75. (Some of the species behave best as winter pot bulbs, others will adjust to the summer garden. It is safest to grow all in pots until experimentation period is past.)

## 3 THE GLADIOLUS GARDEN

For gay orchid-like blossoms, brilliant hues, delicate blendings of color tone, the Gladiolus is beyond compare. And of course there is no better flower for cutting. We offer bulbs in a superb mixture made up altogether of the finer named varieties, such sorts as Barcarole, Cardinal Prince, Bagdad, Rose van Lima, Golden Dream, Minuet, Vagabond Prince, Pelegrina, Camellia, Dr. Bennett, Maid of Orleans, Sonatine, Token, Albatros, Gloriana and the like, through pretty much the entire range of Gladiolus colorings. That is, indeed, coverage, for Gladiolus encompasses the rainbow. We are pretty sure you won't find a better, finer balanced Gladiolus mixture than this. Our blend is worth all that we ask for it. Bulbs, 1½ inches up diameters, spring delivery, 10 for 65c; 25 for \$1.50; 100 for \$5.50; 250 for \$12.50.

**OFFER 72A25**—**NAMED GLADIOLUS COLLECTION**—We will send 5 bulbs each of 10 fine named sorts, each separate and marked with variety name, 50 in all, for \$3.35.

**OFFER 73A25**—**NAMED GLADIOLUS COLLECTION**—We will send 5 bulbs each of 20 fine named varieties, each separate and with name, 100 in all, for \$6.35.

**SEEDS GLADIOLUS PEERLESS BLEND**—k. Saved from better named. Should produce fine things. Pkt. 15c.

Though each be prisoner to himself, the sentence passes too swiftly.

**1 GLAUCIUM PEERLESS HYBRIDS**—\*ecbx(2-3)30. Delightful perennials, treasured for the exquisite, silk-textured poppy-blossoms in lemon, orange or scarlet, and for the tangles of silver-frosted leafage. The foliage is so attractive that first-year seedlings are often handled as annuals, for use as edgings. Odd, horn-like seed pods. Pkt. 15c; ½ oz. 40c.

\* **GODETIA**—Satin-flower. Pleasant garden annuals, easy if you sow them early. **TALL SINGLE MIXED**—16 inches. Glistening blossoms in the pink, scarlet, and salmon-orange range. Pkt. 10c. **DWARF DOUBLE MIXED**—10 inches. Like last, except dwarfer, and double. Pkt. 15c. **VIMINEUS**—36 inches. Flowers may be either purple, or dark-centered crimson. Pkt. 10c.

\* **GOMPHRENA** or **GLOBE AMARANTH**—ecbk(3-4)20. Attractive flower-heads that remind of big clovers in white pink, rose and crimson. A showy straw-flower. Pkt. 10c; ¼ oz. 20c.

\* **GOMPHRENA RICH ORANGE**—Like last, but flowers larger, and colored rich, burnt orange. Pkt. 15c.

## 4 GLOXINIA PEERLESS

Deep wide bells, upfacing, each on its own stem. Colorings rich and varied, sometimes flowers all one tone, or again dot-sprinkled, marbled or splashed with some darker, contrasting shade. An exceedingly showy pot plant. Spring delivery. Tubers, in fine color mixture, ready for potting each 40c; 3 for \$1.10; 10 for \$3.00.

**GLOXINIA SCARLET VELVET**—Strikingly beautiful velvety scarlet blossoms, coming mostly true from seed. This is the Panzer Gloxinia. Pkt. 35c.

Fleeing cloud-shadows, wind-driven over plains;  
Deep peering shadows that reach on lakes at twilight;  
Fresh morning shadows drawn long on newest snow:  
Shadows that pass and leave no fear behind:  
Shadows that key to peace.

**6 GOSSYPIUM STURTI**—w. The Desert Rose of South Australia. Big single flowers of lavender with darker centers. Tub plant, North. 6 seeds for 20c.

**2 GRAPTOPETALUM PARAGUAYENSE**—Mother-of-Pearl Plant. A desirable, decorative house plant, the several drooping branches ending in great rosettes of thick, succulent leaves that seem carved from mother-of-pearl, in all its pink-hinting, translucent, silvery glossiness. Upon rare occasions there may be cymes of little white star-flowers, red-dotted. Available in young leaf-rosette plants, an inch or less in diameter, at 2 for 25c; 5 for 50c. Not less than 2 sold. Will quickly make nice specimens.

**6 GREVILLEA ROBUSTA**—w. Silk Oak. A decorative pot plant with feathery, silky, fern-like foliage. Eventually it may show sprays of golden flowers. Pkt. 10c.

**6 GUAVA MIXED**—w. Psidium Cattleianum. North, it must be grown as a large pot or tub plant. Sometimes fruits within two years from seed. Perfumed snowy flowers. Edible, spicily sweet fruits of red or lemon. Pkt. 15c.

**2 HALIMIUM OCYMOIDES**—ebx(2-3)36. Inch-wide "Sun-rose" flowers of bright yellow, purple at base. Portugal. In North, sheltered position and winter protection. Pkt. 20c.

**8 HARDENBERGIA COMPTONIANA**—w. Tender Australian twiner for pot culture. Pinnate foliage and racemes of handsome blue-violet flowers. Pkt. 25c.

**3 HEDYCHUM CORONARIUM**—Garland Lily. Dense spikes of richly fragrant pure white flowers. 40 to 70 inches height. Supplied in divisions of tuberous, rather Canna-like roots. North, these are best started into growth in pots or flats indoors, to give longer blooming season in garden, but from Baltimore south they may be planted directly in open ground without preliminary starting. In late autumn, dig, and store in dry sand in frostproof place. Root divisions, spring only, each 35c; 3 for \$1.00.

**1 HELENIUM**—Excellent hardy perennials of rich flower effect. In bloom through late summer. **RIVERTON GEM**—Single flowers of old gold with tone of tawny buff that changes to wallflower red. 40 inches. Long in bloom. Plants, each 40c; 3 for \$1.10. **PEREGRINUM**—Large flowers of dark mahogany, an unusual, but most attractive coloring. 36 inches. Summer. Both Heleniums cut. Plants, each 45c; 3 for \$1.25.

### \* ORNAMENTAL GOURDS

That fruits so diverse in form, in size, in color, can still all be Gourds is a perpetual astoundment. They are often used for winter decorative effects, centerpieces and the like. The Gourds are valued too, for covering fences and trellises, for they are rapid-growing summer vines. We offer here a splendid mixture, Gourds large and small, self-colored, parti-colored fruits in about every conceivable shape in which a Gourd has yet formed itself. Pkt. 10c; ½ oz. 25c; 1 oz. 40c.

### \* GYPSOPHILA ANNUAL

Baby Breath, Gypsophila elegans, is one of the quicker flowers from seed to bloom. Very easy. To have always plenty of it for cutting and mixing with other vase flowers, make several successive sowings at spaced intervals. 35 inches.

**LARGE-FLOWERED PURE WHITE**—A fine strain. Pkt. 10c; ½ oz. 20c; 1 oz. 35c.

**PINK AND ROSE**—Various color tones, from pink, through carmine, to near-scarlet. Pkt. 10c; ½ oz. 25c; 1 oz. 40c.

## 1 GYPSOPHILA PERENNIAL

Valued for misty border effects; or for adding grace and airiness to cut flower arrangements. "x" culture. The Golden Baby Breath is Galium verum, which see. **MANGINI**—(3)40. Diffuse, branching tangles of rather large (for a Baby Breath) white flowers, faintly pink-suffused. Pkt. 10c; ½ oz. 25c. (Plants, each 35c; 3 for \$1.00). **OLD-HAMIANA**—(4-5)40. The Autumn Baby Breath. Continuous bloom, late August through October. Little blossoms of bluish white to palest pink in wide, dense cymes. Pkt. 10c; ½ oz. 20c; ¼ oz. 35c. (Plants, each 35c; 3 for \$1.00; 10 for \$2.90). **PACIFICA**—(3-4)48. Dainty airiness of flower in delicate pink suffusions, sprays high and graceful. Late summer. Pkt. 15c; ⅓ oz. 35c. (Plants, each 40c). **PANICULATA**—(2-3)36. Loose, diffuse panicles of little white blossoms. Pkt. 10c; ¼ oz. 30c. **PANICULATA DOUBLE SNOWBALL**—Like last, but will give considerable proportion of fully doubled flowers like tiny snowballs. Pkt. 25c. **REPENS**—(8)9. Low-growing, and long in bloom, this makes a splendid rock garden perennial. The dense, yet airy cushions are covered with pretty little blossoms that may be pearl-white or bluish suffused. Pkt. 15c; 3 pkts. 40c. (Plants, each 30c). **FASTIGIATA**—(3)20. Vast numbers of tiny white flowers. Plant fine-stemmed, densely branching in almost lace-like effects. Pkt. 15c. **OFFER 75A55**—One pkt. each of the above for 90c.

**DOUBLE-FLOWERED GYPSOPHILA PLANTS**—Both varieties have snowy white, intensely double flowers. **REPENS BODGERI**—15 inches. Low, airy, profusely branching. Everblooming. Rock garden, mixed border, cutting. Plants, each 50c. **BRISTOL FAIRY**—35 inches. Delightfully graceful, airy panicles. Mixed border or cutting. Very long in bloom. Plants, each 50c.

Bluebird and appleblossom, that's Spring.

**1 HEDYSARUM**—bk(3)40. Showy hardy border perennials. **MACKENZIE**—Arching stems. Big purple-violet flowers. Pkt. 15c. **CORONARIUM**—French Honeysuckle. Fragrant, bright red flowers in crowded racemes. Pkt. 15c.

**1 HELIANTHEMUM PEERLESS BLEND**—erx(2-3)9. The bright Sun-roses. Low, silvered mounds set with silky blossom loveliness in tones of pink, rose, lemon and copper, with red and white. Pkt. 15c; 3 pkts. for 40c.

**1 HELIANTHEMUM FIREBALL**—In this vivid form the plants are loaded for months with fully double flowers of bright fire-scarlet. Plants, each 45c; 3 for \$1.25.

**1 HELIANTHEMUM RHODANTHE CARNEUM**—Mounds of silvery, sparkling foliage. Pretty pink flowers. Handsome always, in bloom or out. Plants, each 50c; 3 for \$1.35.

\* **HELIOPHILA LONGIFOLIA**—ek(2)12. Airy little flowers of brightest blue. A South African crucifer. Pkt. 15c.

**1 HELIOPSIS PITCHERIANA**—ecbx(3-4)50. Many single flowers of glossy golden orange, like smaller Sunflowers. Good, long-lived border perennial. Pkt. 15c.

**1 HELLEBORUS NIGER**—y(1)12. The Christmas Rose of story. *Illustrated page 44.* Exceedingly hardy. Blooms very early, normally in March, but buds may open during any mild period of winter, even in January. The big, shallow blossom-cups are white, though often with soft pink suffusion. Attractive foliage. Long-lived, though a bit slow in getting a start. Pkt. 20c. (Plants, each \$1.50).

**1 HELLEBORUS HYBRIDS**—cby18. Lenten Rose. Blooms in March. Varied tones, rose to purple. Pkt. 25c.

**1 HEPATICA**—rstyl(1)7. In early spring come lovely blossoms; lustrous cups in blue, purple, lilac, even buff-tinged pinks. No more charming flower in its season. Pkt. 15c.

**1 HESPERALOE PARVIFLORA**—k(w)(3)50. Called Red Yucca. Rose to red flowers. Needs sheltered position, and winter protection, when grown outside North. Sometimes handled as large pot or tub plant. Pkt. 15c.

**4 HESPERANTHERA**—k(w)(1-7)10. Pretty South African bulb-flowers that place between Ixia and Schizostylis. **BUHRI**—Pink buds open at dusk to fragrant white blossoms. Pkt. 20c. **STANFORDIAE**—Spikes of bright yellow. Pkt. 20c.

### \* HELICHRYSUM or STRAWFLOWER

By many thought most beautiful of the "Everlastings", and surely it is the one showing greatest color variety, for scarlet, canary, rose, salmon silvery white soft pink and violet are all in this blend. Pretty in the garden, or as a fresh cut flower, as well as for drying. Sow early. 36 inches. Pkt. 10c; ⅓ oz. 20c; ½ oz. 35c; ¼ oz. 60c.



## 1 HARDY HELIANTHUS

Here are the perennial Sunflowers. They are good, better likely than you expect them to be. "x" culture. **ORGALIS** (Salicifolius)—(4)96. Column Flower. *Illustrated opposite*. The several stems are each foot-wide pillars of undulating greenery, reaching about 4 feet by mid-August. Then of a sudden they shoot up another 4 feet, but this new extension is all a long panicle of pretty little yellow, brown-centered blossoms in quarter-dollar sizes. A strikingly decorative perennial. Pkt. 15c. (Plants, divisions, each 40c; 3 for \$1.10). **ANGUSTIFOLIUS**—(3-4)50. Showy. Flowers glossy, brilliantly golden, with little brown center disks. Well-shaped plants. Pkt. 15c. **MOLLIS**—endbx(3)50. Flowers 3-inch, lemon-yellow petals with pale lemon centers. Many stems loaded with downy gray leaves in perfoliate effect. Good. Will thrive in even driest sandy soils. Pkt. 15c. (Plants, each 35c; 3 for \$1.00). **OFFER 77A55**—One pkt. each of the three for 40c.



**HELIANTHUS  
ORGALIS**

## 1 BEAUTY BY DAY 3

In a free translation, **HEMEROCALLIS** might mean Beauty by Day, though more usually it is called the Golden Day Lily, a name no longer accurate since the color range has been extended so gloriously into the rose to maroon range. Hemerocallis is always fully winter-hardy and easy, thriving in full sun, but tolerating shade. Seeds germinate readily, and sown early will often yield an occasional flower the first season. "kt."

**HEMEROCALLIS PEERLESS HYBRIDS**—This year seeds from red and rose toned varieties, from those with dark shadings, along with bicolors that contrast light and dark in the same flower, have been added to this blend. And it still contains those marvelous harmony-delights in lemon, buff, gold, orange and copper, often with tawny shadings or ruddy overlays. Many will be fragrant. Seeds are all from fine, large-flowered hybrids. Plant much of it, for thanks of long, future years. Pkt. 25c;  $\frac{1}{8}$  oz. 35c;  $\frac{1}{8}$  oz. 60c;  $\frac{1}{4}$  oz. \$1.00. (Plants, one-year seedlings or older divisions supplied in mixture at each 40c; 3 for \$1.15; 10 for \$3.40).

**DAY-LILY SPECIAL**—One plant each of 8 splendid Hemerocallis varieties, all named but supplied here under number only, for \$3.45 the lot of eight. Total of their separate prices as listed at our Nursery is \$4.45. Order the Day-Lily Special as **OFFER 79A35**.

**HEMEROCALLIS FINE MIXED**—A mixture of seeds of many species (botanical) of Hemerocallis, and will show considerable variation, but much less than in the newer Peerless Hybrids offered above, and the flowers will not be quite as large. This mixture is particularly satisfactory for large plantings, where effects in color mass are desired. Pkt. 15c;  $\frac{1}{8}$  oz. 30c;  $\frac{1}{4}$  oz. 50c; (Plants of botanic species, not hybrids, in mixture, pale lemon to orange-toned golden, at 3 divisions for \$1.00; 10 for \$2.90; 25 for \$6.50. Not less than 3 sold.)

He lives who sees lace-silver in Beech against winter sky, spring in furred bud of October Magnolia, flow of willow-banners, sea-waves in breeze-swung grain of June.

**1 HESPERIS MATRONALIS**—ex(3)35. Sweet Rocket. Fragrant. Lilac, pink, purple, white. Phlox effects. Pkt. 10c.

\* **HETERO THECA SUBAXILLARIS**—enkt(4-5)40. One of the better Golden Asters, rather simulating the purple New England Asters of autumn, but Heterotheca is an easy annual. It likes full sun, withstands drought, and will naturalize. Pkt. 15c; 3 pkts. for 40c.

**1 HIERACIUM**—Good hardy perennials for varied uses. **BOMBYCINUM**—(2)8. Rock garden. Low golden suns over silvered foliage. Pkt. 20c. **ELEGANS**—(8)20. Flowers brilliant red-orange Mat-forming cover for sunny position Pkt 15c (Plants, divisions, 3 for 70c; 10 for \$2.00; 25 for \$4.50). **VILLOSUM**—(2-3)15. Silver Shag. Showy rock garden species. Immense golden flowers over silky, silvery foliage. Pkt. 20c. **HELDREICHI**—(3-4)20. Handsome border perennial. Loose, globose panicles of golden yellow flowering. Foliage blue-green. Pkt. 15c; 3 pkts. 40c. **OFFER 82A55**—One pkt. each of the four for 60c.

## \* THE PERFUMED HELIOTROPE

Cherry Pie, that is an oldtime name for Heliotrope, but whether the name was suggested by the rich darkness of it, or is simply in reminder association of two very good things, it will take someone wiser than we to determine. Heliotrope is valued as much for its fragrance as for its beauty, indeed for both. For summer garden use it is usually grown as an annual from early spring sowings, but also it may be sown in late summer, handled then as a long-blooming winter pot plant. Large dense sprays in varied tones, lavender to deepest purple, often with white eye. Pkt. 15c.

## 1 HEUCHERA or CORAL BELL

**SANGUINEA SPLENDENS**—ecrkt(2-3)20. Flowers of uniform deep crimson. Altogether desirable. Pkt. 15c; 3 pkts. for 40c.

**UNDULATA**—erbkt(9)30. Foliage as lovely as that of Galax, undulate, rose-bronze at cool ends of season. Airy racemes of tiny white flower-bells, suffused elfin green. Pkt. 15c.

**CORAL BELL HYBRIDS**—ecrkt(2-3)25. Lethely graceful sprays. Called Coral Bells, but flowers are likely to be mostly bright red to crimson, with occasional plants in rosy pink to coral. Pkt. 20c; 3 pkts. for 50c.

**OFFER 80A55**—One pkt. each of the three for 40c.

**1 HEUCHERA ROSAMUNDI**—A dainty, long-blooming variety with airy blossoms in a lacelike profusion, enchanting pink to rosy coral. Plants, each 50c; 3 for \$1.40.

**1 HEUCHERA RAIN OF FIRE**—Brilliant red, truly in effect of showers of fire, are the graceful sways of blossoming. Dependable, long-lived, long-blooming sort. Plants, each 50c; 3 for \$1.40.

## 1 HIBISCUS or ROSE MALLOW

Gorgeous blossoms here, exceeding brilliance of coloring. There are few more satisfactory perennials among the larger kinds. **COCCINEUS**—ebk(4)60. Rich, pure color here, great flower-chalices of satiny rose-red, deeper within. Pkt. 10c;  $\frac{1}{4}$  oz. 35c. **MILITARIS**—ebk(2-3)50. Campanulate flowers in striate pink. Halberd shaped leaves. Pkt. 15c. (Plants, each 30c; 3 for 85c; 10 for \$2.40). **AVALON HYBRIDS**—ebk(3-4)50. New hybrid strain, Militarist crossed on Coccineus. Different in flower-form, foliage, season, plant habit and blossom colorings from the more usual Giant Mallow Marvels. The flowers mostly have hint of bell shape, and vary from palest blush through many a tone of pink, then rose, culminating in reds of rich vividness never before seen in hardy Hibiscus. Center eyes are rare, but oddly rotate, unsymmetrical stainings of deeper color often appear. Blooming season is much longer than in other strains, flowers unfolding until past middle of October. Pkt. 20c;  $\frac{1}{8}$  oz. 35c;  $\frac{1}{8}$  oz. 60c. (Plants, each 35c; 3 for \$1.00; 10 for \$3.00. These are one-year seedlings that will give first flowers this summer, so no color choice). **GIANT MALLOW MARVELS**—ebx(3)50. Magnificent flower-bowls, from palest blush, through soft and pure pinks, to rose, with snowy white and pure crimson. Center eyes often appear, but not color stainings. Pkt. 10c;  $\frac{1}{8}$  oz. 25c. (Plants, unbloomed, one-year seedlings, each 30c; 3 for 85c; 10 for \$2.50). **SYRIACUS**—ebk(4) This is the hardy shrub or small tree that is commonly known as Althea. Flower colorings of white, blush, diverse pinks, rosy red, blue-violet and the like. Pkt. 15c; 3 for 40c. **PAR-AMUTABILIS** bkt(8) 10 ft. A rare shrubby Hibiscus from central China that has proved fully hardy without protection at Old Orchard. Big flower-bowls with silky, somewhat fluted petals, pure white with dark crimson center, appear continually for months. Leaves are large, sometimes more than a foot across and long, five-pointed, downy, bases cordate. Pkt. 20c; 3 pkts. for 50c. **HUEGELI**—bk(3)96. Australian shrub with violet-purple flowers. Winter-hardiness not yet determined. 6 seeds for 25c. **OFFER 81A55**—One pkt. each of the above for \$1.00.

\* **HIBISCUS ANNUAL**—Easy annuals of much garden worth. **TRIONUM**—ex(2-4)30. Ivory-toned cup-blossoms with violet patches and golden center tassels. *Illustrated page 7*. Pkt. 10c;  $\frac{1}{8}$  oz. 25c. **MANIHOT**—ebk(4-5)90. Great spires of big, lemon yellow bowl-blossoms, blotched purple maroon. Sow early. Pkt. 15c; 3 for 40c.

**BOOK LIST**—Our descriptive offer of horticultural, botanical and nature books will be sent on request.

**3 HOMERIA COLLINA**—\*ek(w)(3)20. Big Tigridia-like flowers in salmon orange. Easy; quick. Will force. *Illustrated page 34*. Pkt. 15c;  $\frac{1}{8}$  oz. 40c.

**HONESTY**—ecx(3)30. Lunaria. Purple flowers, followed by pods having translucent partitions that make attractive winter decorations. Sown early, will usually bloom first season. Pkt. 15c.

\* **ANNUAL HOLLYHOCK**—ebk(3-4)60. Variety Indian Spring. Will flower freely first year, sown early. Fringed, semi-double flowers in variations, pink to carmine. Pkt. 15c.

**1 HOLLYHOCK PEERLESS DOUBLES**—ebx(2-4)60. We think we have made up here about as fine and varied blend of Double Hollyhocks as it is possible to produce. Many of the flowers will be five inches across, usually charmingly fringed and fringed. All the oldtime Hollyhock colorings, along with new pastel tones, soft apricots and oranges, others with vividly contrasting "Pelargonium" blotchings. "x" culture. Pkt. 20c;  $\frac{1}{8}$  oz. 30c;  $\frac{1}{8}$  oz. 50c.

**1 HOLLYHOCK FINE SINGLE MIXED**—ebx(2-4)80. The Hollyhock of nostalgic memories. Crinkled, silken petals. Many showy colorings. Pkt. 10c;  $\frac{1}{8}$  oz. 20c.

## 1 PLANTAIN LILY (Hosta)

Pleasant, fully hardy perennials with tuberous roots, called Plantain Lily from the wide, decorative leaves. Also known as Funkia. **PLANTAGINEA**—Snowy Day-lily. In late summer come fragrant, waxy trumpet-blossoms of purest whiteness, these above formal, packed foliage mounds. Plants, divisions, each 60c. **COERULEA**—36 inches. Wide and handsome bells of bright blue all through mid-summer. Plants, each 45c; 3 for \$1.20.

## 3 GIANT SUMMER HYACINTH

Bells of waxy white are carried in great loose spikes to five-foot heights. Strikingly decorative in the border, particularly when several bulbs are planted as a group. Easy to grow and to keep. Winter-hardy to about Philadelphia. In colder areas, dig in late autumn and store. It is **GALTONIA CANDICANS**, so now named, but formerly it was considered a Hyacinth. *Illustrated page 20*. ecx(3-4)60. Pkt. 15c. (Bulbs, spring delivery, 3 for 40c; 10 for \$1.10; 25 for \$2.55).

**3 ROCK GARDEN HYACINTHS**—kt. Dainty little near-alpine Hyacinths for the rock garden. **AZUREUS**—(1)7. Blossoms of sky blue intensified, come in earliest possible spring. *Illustrated page 26*. Pkt. 15c;  $\frac{1}{8}$  oz. 35c. **CORYMBOSUS**—(1)8. Rare and pretty little South African with pink flowers. Pkt. 20c. **SAWRISICI**—Unusual autumn-flowering species with many slender, feathery spikes of mauve blossoms. Pretty, and rare. 10 seeds for 25c. **OFFER 83A55**—One pkt. each of the 3 for 50c.

## 1 HYPERICUM BRILLIANCE

Living gold, long spreads of it here. "x" culture. **OLYMPICUM**—(2-3)12. Blue foliage mounds set with sparkling golden sun-blossoms, each attractively center-tasseled. Pkt. 20c. (Plants, each 40c; 3 for \$1.10). **APOLLINIS**—Very like the last in effect, a trifle lower, and with fewer, larger, flowers. From limestone crags of Helikon and Parnassus. Pkt. 25c. **TOMENTOSUM**—(3)18. A host of slender stems topped with clustered yellow flowers. Ashy-tomentose foliage mats. Pkt. 15c. **FRAGILE**—(3)6. A pretty, low species, fine-leafed in gray-green, blossoms bright yellow. Rocks of Euboea. Pkt. 30c. **RUMELICUM**—(3)25. Many leafy branches with soft yellow flowers in big terminal cymes. Easy, and good. Pkt. 15c;  $\frac{1}{8}$  oz. 35c. **REP-TANS**—(3-4)7. Verdant carpet-densities of fine leaves, set with great golden flowers that open from mahogany buds. Pkt. 25c. **PYRZEWALSKI**—(3-4)36. Fairly large pale yellow flowers in high cymes. Pkt. 15c. **PULCHRUM**—(3)12. Slender red stems in close bouquet-sheafs are topped with red buds that open into bright yellow flowers. Pkt. 20c. **POLYPHYLLUM**—(2-3)6. Fine-leafed, silver-verging cascade-mats are set with burnished buds that open to blossoms of polished golden richness. Pkt. 20c. (Plants, each 40c). **LANUGINOSUM**—(2-4)20. In bloom for months, fluffily tasseled blossoms of butter yellow in terminal panicles, calyces oddly black-dotted, foliage wool-silvered. From the Alexandrettean Musa Dagh. Pkt. 15c;  $\frac{1}{8}$  oz. 35c. (Plants, each 35c). **PROLIFICUM**—(3)50. Pleasant hardy shrub of bright yellow flowers, well-tasseled, in long profusion. Pkt. 15c. **PATULUM FORRESTI**—(3-4)36. Ever-green shrublet with large flowers of deep, golden. Pkt. 20c. **OFFER 84A55**—One pkt. each of the above for \$2.10.

**1 HOUSTONIA COERULEA**—eratx(1-3)6. Myriads of exquisite little blue stars. Never more delightful than when, spread in great azure drifts, it reflects April skies. *Illustrated page 18*. Pkt. 15c.

\* **HUNNEMANNIA FUMARIAEFOLIA SUNLITE**—ex(3)24. Gold-cup. Satiny yellow poppy-flowers for full sun. Pkt. 15c.

**3 HYPOXIS HIRSUTA**—rmtkt(8)7. Pretty little yellow star-flowers. Rock garden "bulb". Pkt. 15c.

**4 HYPOXIS STELLATA ELEGANS**—k(w)(2)9. Tender South African for pot culture. Flowers glistening white, blue-violet at base. Pkt. 20c.



## 1 THE IRISES

They are easy enough from seed. All you need is a bit of patience. Seeds germinate slowly, those of some kinds very slowly, but most of them are pretty sure to come eventually. So far as the species, or botanical, Irises are concerned, this is the lowest cost way to get them in quantity. At Old Orchard we have produced many thousands of them so. In the Hybrid Irises, each seedling is technically a new variety, and you are rather likely to produce some that may be worth naming and introducing. Iris seeds need low soil temperatures before germinating, so sow outside in either early spring or late autumn. For many other Irises, see our **TREASURE CHEST** list.

**ARENARIA (Flavissima)**—rkt(1-2)8. In early spring bronzed buds open to yellow vividness. *Illustrated above*. Pkt. 20c. (Plants, each 45c).

**ATROFUSCA**—yt(1-2)15. A dusky ground color of silver to buff, is veiled with a netting of black maroon. An unusual Palestine oncocyclus. 7 seeds for 25c.

**BREVIPIPES**—yt(3)7. Big flat blossoms of gold-patched indigo. A dwarf "Delta". Begins flowering as the Japanese Irises end. Pkt. 20c. Plants, each 60c.

**BUCHARICA**—yt(2)18. An odd Turkestan bulb-Iris that sends up stems like little cornstalks with satiny yellow flowers in the leaf-axils. Pkt. 20c;  $\frac{1}{32}$  oz. 35c.

**CHRYSOPHYLLA**—styt(2)10. Undulate, orchid-like flowers of creamy primrose, orange-blotched, with pencilings of violet sepia. Pkt. 15c.

**CRISTATA**—stat(2)8. Exquisite blossoms like crumpled silk of palest blue, gold-patched, and with snowy fringed crest. A delightful low species, *illustrated above*. Plants only, each 45c; 3 for \$1.20.

**DELTA BLEND**—yt. Big blossoms, mostly with horizontal standards as shown in illustration above of one of the included species, Giganticoerulea. Flowers show clearest of blues, then lavender to purple, red-violet, lilac, cerise, with pink-tawny and rose tones, mahogany, near-reds and fulvous orange, with white. Flowers average large. This is a rather wonderful Iris group, quite unlike any other, and it includes many a spectacular beauty. Though they come from far South, lower part of the Mississippi delta, they yet seem to be of fullest winter hardiness in the North. Plant much of them. Pkt. 20c;  $\frac{1}{8}$  oz. 35c;  $\frac{1}{4}$  oz. 60c; 1 oz. \$2.00.

**DICHOTOMA**—\*ecbkt(4)50. Vesper Iris. Great, high sprays of perfumed flowers from late July to early September. Most often the blossoms are translucent lavender, but may range from creamy white to violet purple, with markings of mahogany, buff or copper. Quickest and easiest of Irises from seed. *Illustrated page 44*. Pkt. 15c;  $\frac{1}{8}$  oz. 30c. (Plants each 25c; 3 for 70c; 10 for \$2.00).

**DOUGLASIANA**—styt(2)18. Undulate blossoms in rare color tones, from creamy flushings, through mauve, lilac, lavender, deep blue and violet. *Illustrated page 2*. Pkt. 15c; 3 pkts. 40c. (PURE WHITE VARIETY same price).

**DWARF HYBRIDS**—kt(1-2)10. Crosses of Pumila and Chamaeiris. Flowers are of full "German" Iris size and form, but come earlier, and plants are very much shorter, averaging perhaps 8 inches over all, but varying in this as in color from variety to variety. Yellows, blues, smokies, white, purple, all are there. Pkt. 15c. (Plants, mixed, 3 for 70c; 10 for \$2.00. Or order as OFFER 88A35, and we will send four sorts under name, each different, for \$1.00.)

**ENSATA**—dkt(2)25. Sword Iris. Great fountains of foliage set off the many attractive blossoms that may be lilac, pure white, or lavender with sharp veinings of violet. The most drought-resistant of Irises. Pkt. 15c;  $\frac{1}{8}$  oz. 35c. (Plants, mixed, each 35c; 3 for \$1.00. Or order as OFFER 89A35 for one plant of four fine, named, labeled Ensatatas, including rare white, for \$1.50.)

**FORRESTI**—kt(2)25. Called the Yellow Sibirica, but actually it is a rare Chinese species with flowers that vary from tawny primrose to lemon. Pkt. 25c.

**FONTANESI**—yt(1)16. A pretty bulb-Iris from Morocco, with slender stems that bear flowers of clear blue, banded yellow. Pkt. 25c.

**FULVA**—(2)27. Copper Iris. Airy flowers in a shade between new copper and bronze. *Illustrated page 14*. Plants only, divisions, each 35c; 3 for \$1.00.

**GLADWYN**—styt(2)18. The tawny blue or brown-toned yellow flowers are followed by pods that split to show brilliantly scarlet seeds. Sometimes used in winter bouquets, as the straw-flowers are. Iris foetidissima. The crushed foliage has odor of roast beef. Pkt. 15c;  $\frac{1}{8}$  oz. 35c.

**GIANT HYBRIDS**—These are the large-flowered, named "bearded" or "German" Irises of our gardens. Our seed has been saved from a fine collection, and seedlings should show remarkable range of variable color richness, all the bright self hues, with pastel harmonies in fawn, lilac, bronze tawnies, rose tones, copper and wine shadings. Pkt. 15c;  $\frac{1}{8}$  oz. 30c;  $\frac{1}{2}$  oz. 50c. (Plants, fine mixture, 5 for 90c; 10 for \$1.75; 25 for \$4.00; 100 for \$15.00.)

**GIANT HYBRID NAMED**—From our rather extensive collection of fine named sorts, we have made up two special plant offers. OFFER 90A35—One each of 10 separate sorts, each with name, for \$2.50. OFFER 91A35—One plant each of 25 distinct sorts, with names, for \$7.00.

**GRACILEPES**—(2)9. Daintiest of Irises, rare-wrought in crinkly silkiness, sprays of sky blue, orange marked. Of full hardiness but needs cool root run so mulch about it with straw lawn clippings or leaves. Has also been grown as an unusual pot plant. Available spring only, small single-crown divisions, at each 75c; 3 for \$2.10.

**GRAMINEA**—(2)10. Desirable low species with narrow, polished leaves, the flowers particularly bright with falls of blue and standards of red-mauve. Fragrance of ripe plums. Pkt. 15c;  $\frac{1}{8}$  oz. 35c. (Plants, each 45c).

**HISTRIOIDES**—yt(1)7. Dainty bulb-Iris of early spring, delicately perfumed. Flowers of deep purple, marked white and gold. Pkt. 20c;  $\frac{1}{8}$  oz. 35c;  $\frac{1}{2}$  oz. 60c.

**INNOMINATA**—kt(2)10. Rare and lovely Iris with undulate blossoms that are usually soft golden apricot, a sunset tone, but sometimes clear lilac-lavender. Pkt. 20c.

**KAEMPFER IMPERIAL**—Splendid blend of Japan Irises. Gorgeous colorings, white, gold-banded, turquoise, azure, purples, crimsons often netted or splashed. Sometimes double. kt(2)36. Pkt. 20c;  $\frac{1}{8}$  oz. 40c. (Plants superb mixed, 3 for 90c; 10 for \$2.75. Or order as OFFER 92A35 and we will send six fine sorts, with names, for \$2.25).

**KASHMERIANA**—kt(2)25. Bearded Iris from Himalayan valleys. Large, rather fragrant flowers, usually creamy white, but sometimes blue-lavender. Pkt. 20c.

**MELLITA**—Delight Iris. Very early, very dwarf. Sometimes blooms again in October. Two forms. VARIETY "A"—Pale creamy yellow with mulberry stains. VARIETY "B"—Violet, suffused mahogany. Plants, either variety, each 40c.

**MUSSELMANICA**—yt(2)36. An exceptionally fine, and rather distinct, Iris of the Spuria section. Big flowers of bright sky blue. Pkt. 15c. (Plants, each 40c).

**OCHROLEUCA GIGANTEA**—yt(2)60. Includes the Gold-banded Iris. Flowers of large size and splendid lasting qualities. Stems to five feet. Makes big clumps. Blooms just after Giant Bearded are over. Two color forms, snowy white with yellow splash on falls (Speciosa), and soft yellow with golden orange blotch (Monnieri). These forms appear interchangeably from seed. Pkt. 15c;  $\frac{1}{8}$  oz. 35c. (Plants, MONNIERI, pure yellow, each 40c; 3 for \$1.10; 10 for \$3.25. SPECIOSA, gold-banded white, each 50c.)

**PSEUDACORUS**—mkt(2)35. Showy, easy, adaptable. **MANDSHURICA**—Flowers rich, burnished yellow. Pkt. 15c;  $\frac{1}{8}$  oz. 30c. (Plants, each 30c; 3 for 85c). **CREAM PRIMROSE**—The name describes the delicate colorings of the flower. Plants only, each 35c; 3 for \$1.00.

**RETICULATA**—yt(1)8. An enchanting little purple-and-gold bulb Iris, violet-fragrant, that blooms in late March to early April. Pkt. 20c;  $\frac{1}{8}$  oz. 40c.

**SIBIRIANT HYBRIDS**—A dependable Iris group, with delightfully varied blossom colorings; white, azure suffusions, light and dark blues, indigo, violet, exquisite amethyst, with tawny shadings and odd veinings. They cut well. The group is basically Sibirica, but includes strains of related species, as of Sanguinea, Delavayi, Wilsoni, Hamagatasumi, Clarkei, and the like. Pkt. 15c;  $\frac{1}{8}$  oz. 30c;  $\frac{1}{4}$  oz. 50c. (Plants collection OFFER 94A55, one each of Snow Queen, Purple Velvet, and Dawn Blue, three sorts for \$1.00.)

**SINTENISI**—kt(2)15. Flowers of deep violet, sharply, vividly, splashed and lined over white. Pkt. 15c;  $\frac{1}{8}$  oz. 25c. (Plants, each 40c; 3 for \$1.10).

**TECTORUM**—The charming Roof Iris, *illustrated page 31*. Loose sprays of large blue flowers, undulate, and with white crests. Plants each 45c; 3 for \$1.20.

**TECTORUM WHITE**—Big, wavy flowers of diaphanous snowy whiteness gold on blade. Plants, each 50c.

**TENAX**—kt(2)15. Delightfully variable. Graceful flowers from white, through mauve, to claret and purple, with approaches to pink. Pkt. 15c.

**TINGITANIA**—yt(2)20. One of the larger and finer bulb Irises, big flowers of bright blue-purple with center ridges of orange yellow. From Tangiers. Pkt. 25c.

**TRIPETALA**—A handsome, late-blooming species, coming as the Japanese Irises end. Big, flattened blossoms, with horizontal falls and only vestigial standards. Rich, deep velvet purple. Every garden needs this splendid, distinctive Iris. Plants, each 40c; 3 for \$1.10; 10 for \$3.30.

**TUBEROSA**—y(1)16. If you class this as an Iris at all, and not as a Hermodactylus, then surely it is the strangest of Irises, with its flowers like some strange ornate serpent-head from a Mayan carving, the standards of a lurid jade-green, falls velvety black. *Illustrated page 31*. Pkt. 25c.

**VERNA**—(1-2)8. Dainty dwarf Iris of early spring, blossoms of deep blue, gold-marked, and with fragrance of violets. Plants, each 45c; 3 for \$1.20.

**VERSICOLOR**—mkt(2)30. A showy and easy Iris, fully adaptable to either dry or wet soils. **TYPICA**—Royal blue-violet with creamy markings. Pkt. 10c; 3 pkts. 25c. (Plants, each 30c; 3 for 85c.) **KERMESINA**—Big flowers of glowing claret red. Pkt. 15c;  $\frac{1}{8}$  oz. 25c. (Plants each 35c; 3 for \$1.00.) **ROSEA**—24 inches. Lovely blossoms of mauve rose. Plants only, each 40c.

**VINICOLOR**—(2)30. An unusual and attractive Delta species with flowers of a unique wine or grape-stain tone. Full hardiness. Plants, each 45c; 3 for \$1.20.

**OFFER 95A55**—One pkt. each of the 31 Irises here offered in seed form, for \$4.75.

**OFFER 96A35**—One plant each, with names, of the 22 species Irises here offered in plant form, for \$8.00. This does not include Irises listed under Dwarf Hybrids, Giant Hybrids, Kaempferi, Ensata, or Sibiriant.

## IRIS AVALON BLEND

Here there is at least a little of every Iris that we have in seed form, those in this catalog, and the others in the Treasure Chest, of course not in equal amounts, for some kinds are too scarce and rare for that. Nevertheless we doubt that any other Iris blend, anywhere, any time, has equaled this in quality. It is your opportunity to secure fine Irises.  $\frac{1}{8}$  oz. 20c;  $\frac{1}{8}$  oz. 30c;  $\frac{1}{4}$  oz. 50c; 1 oz. \$1.65.

### 3 IRID MARVELS 4

Blended seeds of the Iridaceae. Included are *Libertia*, *Hermodactylus*, *Geissorhiza*, *Morea*, *Homeria*, *Tigridia*, *Hesperanthera*, *Aristea Hexaglottis*, *Ixia*, *Cypella*, *Nemastylis*, *Babiana*, *Streptanthus*, *Dierama*, *Schizostylis Belamcanda*, *Sparaxis*, *Crocus*, *Tritonia*, *Romulea*, *Freesia*, *Synnotia*, and *Antholyza*, with others. The Irid Marvels come with fair readiness from seed and some are likely to flower within the year. Of course, they can be carried over. Pkt. 15c; 1/8 oz. 40c.

#### \* INCARVILLEA ANNUAL

It is *INCARVILLEA VARIABILIS*, a delightful ever-bloomer with lobed trumpets in *Gloxinia* reminder, carried gracefully in long succession. *Illustrated opposite*. Fern-like foliage. Blossom colorings may be cream, blush pink, soft, pure pink, or blended suffusions of cream into palest rose. Easy to handle. Will give good season of bloom, sown right where they are to stand, but may also be started early under glass and transplanted. Pkt. 20c; 3 pkts. for 50c.

#### 1 INCARVILLEA PERENNIAL

**DELAVAYI**—rkt(2-3)20. Called Hardy *Gloxinia*. Gorgeous carmine to rose-purple, usually buff-dotted at base. Pkt. 20c. (Plants each 45c; 3 for \$1.25).

**GRANDIFLORA BREVIPES**—rkt(2-3)12. Hardy Chinese species with large flowers, rose red to crimson. Pkt. 20c; 3 pkts. for 50c. (Plants, each 50c; 3 for \$1.40).

**1 INULA ENSIFOLIA**—rk(8)8. Dense, low plants with fine, dark green foliage, are long massed with many-rayed golden daisies with bright yellow cushion centers. Rock garden, edging or bedding. Pkt. 15c; 1/8 oz. 30c. (Plants each 40c; 3 for \$1.10).

**1 INULA MAGNIFICA**—bkt(3-4)70. Spectacular Caucasian beauty. Immense single flowers with long, slender petals, all in deepest yellow. Pkt. 25c.

**1 IBERIS SEMPERVIRENS**—erx(2)10. Evergreen foliage, flowers above like heaped new snowflakes. In spring dusks it gives back stored light of day. Pkt. 20c. (Plants each 40c; 3 for \$1.10).

**2 IMPATIENS HOLSTII**—w. Zanzibar Balsam—Excellent ever-blooming pot or bedding plants, the flowers mostly bright red, but pleasingly variable. Pkt. 25c.

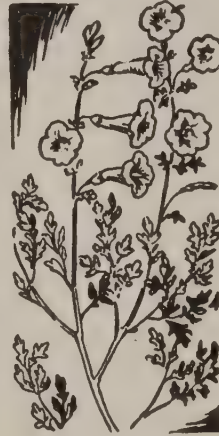
**1 ISATIS GLAUCA**—ebx(2-3)40. Woad. Blue-glaucous foliage, wide flower-canopies above, myriad little blossoms in bright yellow. Then come decorative seeds. Pkt. 10c; 1/4 oz. 30c. (Plants, fall delivery only, each 35c).

#### \* IPOMOEA

Moonflowers and Morning Glories here, all vines save for *Crassicaulis*. "kt" culture. **GRANDIFLORA**—True Moonflower. Giant, fragrant white blossoms that open in evening. *Calonyction aculeatum*. Pkt. 10c; 3 pkts. for 25c. **SCARLETT O'HARA**—Brilliant rosy red with starred throat. Pkt. 15c. **HEAVENLY BLUE**—Splendid vine. Great skyblue blossoms. This is the early-blooming selection. Pkt. 15c; 1/4 oz. 35c. **WHITE MAGIC**—A "Heavenly Blue" in fleecy white, creamy in deep throat. Pkt. 15c. **CONVOLVULUS CRIMSON RAMBLER**—Big blossoms of ruby crimson, throat white. Habit and appearance of *Ipomoea*. Pkt. 15c; 1/8 oz. 25c. **IMPERIAL GIANTS**—Enormous flowers in white and blush, pink, rose, skyblue, purple, varied reds, chocolate and the like, with wondrous splashings edgings, flakings. Usually handled as a garden vine, but by artful pinching and training may be grown as a dwarfed pot plant in strangely beautiful effect. Pkt. 15c; 3 pkts. 40c. **CRASSICAULIS**—No vine this, but a sturdily erect annual flower, to 40 inches. Terminal clusters of 3-inch funnel-trumpets in lilac pink. Specimens, or quick hedge. Strange, big, furry seeds, 7 for 20c. **OFFER 87A15**—One pkt. each of above for 90c.

#### ANNUAL PUZZLE GARDEN

A blend of flowers that will bloom first year. Many rare and unique kinds are included, along with those of general standard interest. Surprise your friends with sorts they do not know. Not less than 1/8 oz. sold. 1/8 oz. 15c; 1/4 oz. 25c; 1 oz. 75c; 1/4 lb. \$2.65.



**3 ISMENE CALATHINA**—The Giant Peruvian Daffodil, botanically a *Hymenocallis*. Immense chalice flowers that seem of snowy wax, each cup decorated with long streamer-petals of the same pure whiteness. *Illustrated page 2*. A splendid summer-flowering bulb, easy to grow, and easy to store. Handle in winter as you would *Gladiolus*. Each 35c; 3 for \$1.00; 10 for \$2.90.

**4 IXIA BLEND**—eck(w)(1)20. Pretty blossoms of pink, rose, crimson, lilac, orange or cream. Usually handled as a winter pot bulb, but by mulching heavily with straw or leaves, may often be wintered outside, blooming then in earliest spring. Pkt. 15c; 1/32 oz. 25c.

**3 IXIOLIRION MONTANUM**—eryt(1-2)16. Lily of the Altai. A winter-hardy cousin of *Amaryllis* with clusters of star-spread blossom trumpets in amethystine blue. Particularly good. *Illustrated page 21*. Pkt. 20c; 1/32 oz. 30c.

**1 JASIONE PERENNIS**—erbx(2-4)15. A *Campanula* relative with rather large "blossoms" in *Scabiosa* reminder, but each is really a tightly packed, upfacing cluster of tiny sky-blue bells. The flowers are carried in almost unbelievable profusion over a long season. *Illustrated page 37*. Pkt. 15c; 1/32 oz. 30c. (Plants, each 35c).

#### 2 KALANCHOE

Altogether pleasant and easy plants for pot culture.

**FEDTSCHENKOI**—Madagascar Beauty. You will like this one. Leaves thick, roundish, blue-silvery, with red crenate margins. Pendulous flowers of rose, with coral and amber tones. Plants, each 35c.

**LACINIATA**—Handsome species with thick, ovate leaves of rich and glossy brown-purple, the plants well-shaped and vigorous. Clustered, urn-shaped little flowers of copper-toned gold. Plants, each 40c.

**VERTICILLATA**—Slender pencils of leaves, marbled chocolate on pale roseate olive, are carried along tall stems, these becoming crowned with a circlet of fairly large bell-blossoms that shade from pink-toned orange to orange scarlet. Plants, each 35c.

**OFFER 97A35**—One plant each of above for \$1.00.

**2 KALANCHOES MIXED**—w. Pot plants in variety. Pkt. 20c.

**PLEASE REGISTER CASH.** If you enclose actual cash, currency, with your order, please register the letter. It is not safe otherwise, and definitely we cannot be responsible for any losses because of your failure to register a cash-containing letter. Of course no registration is necessary when you remit by postal money order or bank check.

**1 KITAIBELIA VITIFOLIA**—ebx(3)72. Tall leafy pillars with big white flowers. Pkt. 15c; 1/8 oz. 25c.

**2 KLEINIA ARTICULATA**—Candle-plant. Truly an odd affair, but nevertheless attractive as a house plant. Many fat, cylindrical, jointed stems. Foliage of bright, polished green. Bizarre flowers that are white tassels set with gold-brown anthers. Plants, each 35c.

**1 KNAUTIA DRYMEIA**—\*ebx(8)40. Big *Scabiosa*" blossoms in lilac to violet. Flowers first year. Full hardiness. Ever-blooming. Pkt. 15c; 1/8 oz. 25c.

**1 KNAUTIA MACEDONICA**—ebk(8)30. Very like a hardy *Scabiosa* in mulberry-maroon. Ever-blooming. Pkt. 20c.

\* **KOCHIA** or **BURNING BUSH**—ebx(9)36. Speedy annual in resemblance of a formally clipped evergreen. Becomes carmine in autumn. A quick hedging. Pkt. 10c; 1/8 oz. 20c.

**1 LACTUCA TENERRIMA**—rkt(2)10. Charming, long-blooming rock garden or border perennial with multitudes of soft blue star-flowers. Pkt. 15c; 3 for 40c.

**2 LANTANA DWARF HYBRIDS**—ew(8)18. Clustered flowers opening yellow or pink apricot, then suffuse with an orange that may deepen to scarlet. Good year-around pot plants, or useful for summer bedding, grown then as annuals in manner of *Scarlet Sage*. Pkt. 15c; 3 pkts. for 40c.

**1 LATHYRUS LATIFOLIUS MIXED**—eck(2-3)96. A wonderful cut flower that should be more used. It is a fully winter-hardy vine for trellis, fence, or bank cover. Big clusters of "Sweet Pea" flowers in pure white, and shades of pink and rose, to rosy red. Pkt. 10c; 1/4 oz. 25c.

**1 LAVANDULA VERA**—erbx(2-3)16. True Lavender. Compact plants with attractive gray, aromatic foliage. Very many spikes of pretty and fragrant lavender flowers. Desirable hardy perennial, rock garden, herb garden, edgings or mixed hardy border. Pkt. 15c. (Plants, each 40c).



#### 4 LACHENALIA

This likeable winter-flowering bulb from the Cape of Good Hope is easy from seed, and easy to bloom in window or greenhouse. The flowers, usually narrow, pendulous bells, are carried in loose spikes. *Illustrated above.* Many brilliant colorings, along with soft pastel tones, near everything from primrose to orange, from pink to crimson, with cream, opaline blue and violet approaches. Long in bloom. Fine mixture. Pkt. 15c; 1/32 oz. 25c.

#### \* LARKSPUR GIANT IMPERIAL

The Imperial Strain of this beautiful and desirable annual flower gives upright stems to 40 inches, spikes tightly packed with big double flowers in clear azure, coral, rich indigo, carmine, soft lavender, snowy white, glowing salmon. Splendid for cutting. Superb mixture. Pkt. 15c; 1/4 oz. 40c.

**LARKSPUR EARLY GIANT HYACINTH**—No branches at all, just one great, Hyacinth-like spike of almost solid bloom, each flower fully double. A bit earlier than the others, too. Mixed. Pkt. 10c; 3 pkts. for 25c.

No short cuts to taking care.

\* **LAVATERA TRIMESTRIS SPLENDENS**—ex(3)30. Likeable and easy long-blooming annuals. **LOVELINESS**—Bowl-shaped flowers of carmine-toned pink. Pkt. 10c. **ALBA**—Here the bowl-blossoms are snowiest white. Pkt. 10c.

1 **LAVATERA PERENNIAL**—ebx(3-4)60. Two desirable hardy perennials, each with big pink flowers for months. **THURINGIACA**—Pkt. 15c. **CACHEMIRIANA**—Pkt. 15c. (Plants, each 40c).

1 **LEPACHYS MAROON AND GOLD**—\*ebx(3)36. Exceedingly attractive but odd flowers, silk-sheened columns guarded by reflexed petal rays of rich, gold-edged maroon. *Illustrated page 37.* *Lepachys columnifera pulcherrima.* Pkt. 15c; 1/8 oz. 30c.

\* **LEPTOSIPHON DWARF MIXED**—erx(8)7. Jewel-flower. Multitudes of little sparkling stars in clear pink, rose, white, lilac, lemon or gold. Heathery mounds. Pkt. 15c.

6 **LEUCADENDRON ARGENTEUM**—w. Silver-tree. Highly decorative. Densely foliaged, each leaf shimmering silky silver. Usually grown as a tub plant North. 7 seeds, 20c.

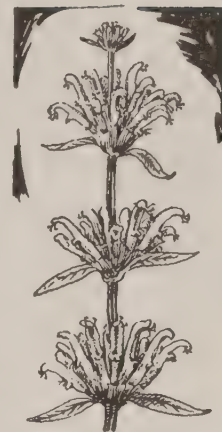
5 **LEYCESTERIA FORMOSA**—kt(2)72. Himalayan shrub with racemes of purple "Honeysuckle" flowers, subtended by violet bracts, then dark red fruits. Hardy into southern New Jersey. Where colder, protect. Pkt. 20c.

2 **LEUCOCARPUS PERFOLIATUS**—k(w)(2)35. An interesting Penstemon cousin with attractive chrome-yellow flowers, followed by pure white fruits. Pkt. 25c.

2 **LIBERTIA IXIODES**—cbx(w)(2)24. Panicles of enamel-white blossoms above tawny-fulvous foliage, followed by decorative seed-pods. New Zealand. Pkt. 20c.

#### \* LION'S TAIL 2

It is **LEONOTIS LEONURUS**, and folk-names for it in its South African homeland are The Lion's Tail, or sometimes Lion's Ear, both leonine associations, obviously from the odd form of the individual flower, and the downy orange-tawny-ness of it. In the North Leonotis may be grown as an annual by starting early under glass and later transplanting to open ground, giving then many weeks of flaming color through about the same autumn season as do the Hardy Chrysanthemums. The flowers are carried whorl above whorl about each of the very many stems in manner shown by *illustration opposite*, and there could scarcely be a more vivid red-toned orange than they show. A long-lasting cut flower, and will likewise dry as a straw-flower. It makes a good, though somewhat large and bushy, house plant, and in mild climates it may be wintered outside. cbk(w)(5-7)50. Pkt. 20c; 3 pkts. 50c. (Plants, each 40c).



#### 1 THE LOVELY LEWISIAS 3

No more beautiful rock garden plants than the Lewisias when in full glory of their exquisite bloom. The blossoms are like little feathery Water Lilies; the foliage usually crisp, crinkly, undulate. Of full winter hardiness. "kt" culture. **FINCHI**—(2)8. Buds of bright orange open to large pink blossoms with rose stripes, petals with faint hint of orange toward the edges. Pkt. 20c; 3 pkts. for 50c. (Plants, each 50c; 3 for 1.40). **COLUMBIANA**—(2-3)10. Airy sprays of rosy pink for months. A dainty and charming species, flowers a bit smaller than with the others, but vastly more of them, and over a longer time. Pkt. 20c. (Plants, each 50c; 3 for \$1.40). **HOWELLI**—(2)8. Here the fairly large blossoms vary from creamy blush, often with apricot suffusions, through pure pink, to rose. Foliage is usually beautifully crisped. Pkt. 20c; 3 pkts. for 50c. **MARIANA**—(8)7. Quite large blossoms of gold-suffused rose, a very lovely thing. Longer blooming season than most, near to everblooming. Likely a specialized race of Howelli. Pkt. 25c; 3 pkts. for 70c. **REDIVIVA**—(2)6. Larger blossoms than any of the others listed here, great feathery flower-cups of pearl-pink, many open at once. *Illustrated page 26.* Deciduous. Pkt. 20c; 1/32 oz. 40c. (Plants, April-June delivery, 3 for 50c; 7 for \$1.00. Note that Rediviva loses its foliage and goes dormant during the summer, new leaves appearing in early autumn. Don't think your plants are dead if this happens. Also it is natural for Rediviva roots to be rather flabby when you receive them, for this species is quite different in its behavior from the other Lewisias, though just as sure, hardy and easy. **OFFER 98A55**—One pkt. each of the five for 90c. **LEWISIA BLEND**—The above, with probably others. Pkt. 20c; 1/32 oz. 60c.

Winter is but the root of Spring.



4 **LEUCOCORYNE IXIODES ODORATA**—ock(w)(7)18. The Chilean Glory of the Sun, a handsome, winter-flowering bulb, with large and starry soft blue blossoms of rich fragrance. Seedlings grow rapidly. *Illustrated opposite.* Pkt. 20c; 1/32 oz. 40c.

1 **LIGULARIA SPECIOSA**—kt(3)65. Spectacular, fully hardy border perennial, to 6 feet or more. the flower-crowned portion of the spike, golden orange, taking up close to two feet of this. Large "elephant-ear" basal foliage. Pkt. 25c.

1 **LIMONIUM SPECIOSUM**—cbkt(3)30. The Showy Statice. A great, spreading airiness of lavender blossoming, over decorative rosettes. It cuts. Often dried for winter bouquets. Pkt. 20c; 3 pkts. for 50c.

\* **LINDHEIMERA TEXANA**—ecx(8)24. Star-cup. An easy, ever-blooming annual flower, long-lasting when cut. The five wide golden petals are arranged to form both a star and a cup. *Illustrated page 3.* Pkt. 10c; 1/8 oz. 25c.

1 **LINDELOFFIA SPECTABILIS**—\*rbkt(2)20. Bud-set crosiers unroll to graceful blossom sprays, rosy at first, then sapphire, at the last peacock blue. Kashmir. Pkt. 20c.

1 **LINNEA BOREALIS**—rsay(1)9. Delightful, cherry scented ruby bells. Semi-trailer of mossy woods. Pkt. 25c.

### 3 LILIES FROM SEED

At Old Orchard we grow thousands of lily bulbs from seed, sowings made in open-ground beds in latest autumn or earliest spring. Certainly you can grow them from seed just as well as we. Just follow the planting times indicated by the key letters after species names (see explanation page 50), and the general sowing directions given in the leaflet of cultural information sent with each seed shipment. Remember, some lilies come up quickly, other species naturally take a very much longer time. Until you have gained experience, it is well to select the kind marked "e", indicating relative ease of handling. It will be noted that *Lilium Bakerianum*, *Nepalensis*, *Ochraceum* and *Wallichianum* are not winter-hardy North, and should be handled as pot plants there. They come from Burma and India, and are offered subject to (expected) arrival.

**AMABILE**—ekt(2)30. Friendly Lily. Large, recurved flowers of grenadine orange, chocolate-dotted. A showy, and good, garden species. Pkt. 20c;  $\frac{1}{8}$  oz. 35c.

**AURATUM**—yt(3-4)60. Great Gold-banded Lily. Giant white flowers, each petal embossed with golden center line. Richly fragrant. Pkt. 35c; 3 pkts. for \$1.00, (customer limit).

**BAKERIANUM**—w. 36 inches. Tender Burmese Lily with fragrant, cream-colored flowers, spotted red-brown within. Pkt. 25c.

**CALLOSUM**—ekt(3)38. Spires of pretty, medium-size flowers in apricot-cinnabar. Pkt. 20c;  $\frac{1}{8}$  oz. 35c.

**CANADENSE**—cyt(3)70. Wide blossom bells that vary in tones of lemon, orange, red. Pkt. 20c;  $\frac{1}{8}$  oz. 30c.

**CATESBAEI**—y(2)25. Upfacing scarlet flowers. Pkt. 20c.

**CENTIFOLIUM**—ekt(3)50. A magnificent white trumpet lily with creamy and rosy tints. *L. leucanthemum chloraster*. Pkt. 25c;  $\frac{1}{8}$  oz. 60c.

**CERNUUM**—ekt(2)25. A very lovely little Lily, no other quite like it. Dainty, reflexed blossoms, sweetly perfumed, in alluring pink-lilac. Pkt. 20c;  $\frac{1}{8}$  oz. 50c;  $\frac{1}{8}$  oz. 90c;  $\frac{1}{4}$  oz. \$1.60.

**COLCHICUM**—(*Szovitzianum*)—yt(2)50. Great Caucasian Lily. Big, reflexed blossoms, from pale lemon to clear golden yellow, sometimes with red-brown dots. Though seeds of it germinate first year, leaves rarely appear until second year. Pkt. 25c.

**COLUMBIANUM**—yt(2-3)50. An adaptable species with showy flowers in flaming orange, faintly purple-dotted. Pkt. 20c;  $\frac{1}{8}$  oz. 35c.

**CONCOLOR**—ekt(2)28. The vividly colorful, cheerful, Red Star Lily. Upfacing flowers of brilliant vermilion. None easier. Sometimes blooms first year. Pkt. 15c;  $\frac{1}{8}$  oz. 35c;  $\frac{1}{8}$  oz. 60c;  $\frac{1}{4}$  oz. \$1.00.

**DAVIDI**—ekt(3)40. The willowy, graceful stems are loaded with charming blossoms between apricot and cinnabar with orange reflections. Pkt. 20c;  $\frac{1}{8}$  oz. 40c;  $\frac{1}{8}$  oz. 75c.

**DAVURICUM**—ekt(2-3)28. Candlestick Lily. Upfacing cup-blossoms in interesting and beautiful combinations and blendings, from softest yellow, through buff-apricot, tawny orange and scarlet, to near maroon. *Illustrated page 31*. Pkt. 20c;  $\frac{1}{8}$  oz. 40c;  $\frac{1}{8}$  oz. 75c.

**FORMOSANUM**—ekt(3)50. Wilson's Variety. An exceedingly easy, and altogether lovely Lily that will often give some bloom first year from seed. Hardy in Maine. The long trumpets may be of purest snowy white or again white with delightful rosy suffusions. *Illustrated page 20*. Pkt. 20c;  $\frac{1}{8}$  oz. 35c;  $\frac{1}{8}$  oz. 60c.

**FORMOSANUM PRICE'S VARIETY**—ekt(2)25. Flowers same coloring and form as in last, but in this alpine race the blooming season is about two months earlier, and the plants are rather dwarfer. Pkt. 25c.

**FORMOSANUM INTERMEDIATE**—In both seasons and height it comes between the Price and the Wilson strains, intermediate in both respects. The three give a long continuous season. Pkt. 20c;  $\frac{1}{8}$  oz. 40c;  $\frac{1}{8}$  oz. 75c.

**FORMOSANUM SNOWDRIFT**—Particularly vigorous New Zealand selection. Big wax-white trumpets open to 6-inch diameters. Flowers sometimes rose-flushed without. Will live for years. Reaches 5 to 6 feet of height, and a 10-foot flower stem has been recorded. Pkt. 50c.

**GIGANTEUM**—yt(3)120. The noble Himalayan Lily. Lofty spikes of down-hanging white trumpets above great, glossy, heart-shaped leaves. Spectacular. Needs mulching about the plants in summer, and over the crowns in winter. Pkt. 20c; 3 pkts. for 50c.



**LONGIFLORUM TAKESIMA**—kt(2-3)30. This is the true Easter Lily. Immense trumpets of purest whiteness, wax-like, unstained. Delightfully perfumed. May be grown in pots, as florists have it for Easter, but it also makes an excellent garden Lily in all save the more winter-extreme climates, for it has a very fair degree of hardiness. Here, near Philadelphia, we have nursery plantings of it several years old that have yet to show any winter injury, and at Boston it needs only a bit of leaves or straw over the planting to carry through in fullest safety. Seed germinates quickly from either late autumn or early spring sowings, and some of the bulbs are likely to give bloom first summer. *Illustration photograph above*, taken at Old Orchard, shows part of the planting from which this seed was saved. Pkt. 25c; 3 pkts. for 70c; 10 pkts. for \$2.00; 25 for \$4.40 (customer limit).

**GRAYI**—y(3)30. Open-segmented bells in orange and scarlet, dotted ruddy brown. Pkt. 20c.

**HANSONI HYBRIDS**—yt(3)60. Hanson crossed with *Martagon*. Colorings range from rich cream, through apricot buff and orange, to purple. Pkt. 25c; 3 pkts. for 70c.

**HENRYI**—kt(3-4)50. In late summer the arching stems of this graceful Lily carry wax-petaled blossoms of deepest golden amber. Fine species for the mixed herbaceous border. Tolerant of shade or sun. Pkt. 20c;  $\frac{1}{8}$  oz. 40c;  $\frac{1}{8}$  oz. 75c.

**HENRYI HYBRIDS**—This strain likely carries some blood of *L. myriophyllum superbum*. Flowers average close to Henryi, but sometimes vary into buttercup yellow, or show buff and creamy tones. Pkt. 25c.

**HOWELLI**—y(2)36. Thimble Lily. Soft violet, spotted darker purple. Pkt. 25c.

**HUMBOLDTI MAGNIFICUM**—yt(3)60. It can be a Lily of spectacular showiness, big orange blossoms set over with crimson-ringed purple dots. Pkt. 20c;  $\frac{1}{8}$  oz. 35c.

**KELLOGGI**—y(3)48. The Clematis-scented flowers open pale pink, deepening to lilac. Not one of the easier Lilies, but assuredly one of the more beautiful. Pkt. 25c; 3 for 70c.

**MARTAGON**—y(2-3)60. Towering spires of blossoms in rosy violet to soft purple. Pkt. 20c; 3 pkts. 50c.

**MARTAGON ALBUM**—Here the piled blossom-pyramids are snowy white. An exquisite beauty. Pkt. 25c.

**MARTAGON DALMATICUM**—Deepest and richest of the *Martagons*, a velvety purple near-black. Pkt. 25c.

**MAXIMOWICZI**—ekt(3)65. A superb species of latter summer weeks with reflexed blossoms of salmon red, black dotted. Follows *Davidi* and *Amabile* in season. Easy from seed. A variety of *L. Leichtlini*. Pkt. 20c;  $\frac{1}{8}$  oz. 35c.

**MAXWILL**—ekt(2)60. Flowers of apricot-orange on vigorous, upright plants. Cross of *Maximowiczii* and *Wilmottiae*. Pkt. 20c; 3 for 50c.

**MICHAUXI**—yt(3)36. Flowers with reflexed petals, deep orange-red, dotted maroon-violet. Pkt. 20c.

**NEPALENSE**—kt(w)(3)30. Rather tender Lily from northern India, the flowers pale yellow trumpets with wine stains. Pkt. 25c.

**OCHRACEUM**—kt(w)50. Desirable Burmese Lily with nodding, fragrant flowers, straw yellow to ochre, stained purple and olive. Under glass, everblooming. Pkt. 35c.

**PARDALINUM**—yt(2-3)60. The richly-hued Panther Lily is one of our own particular favorites. Spectacular flower-pyramids of orange and dominant crimson. Hardy and adaptable. Pkt. 20c;  $\frac{1}{8}$  oz. 40c.

**PARRYI**—y(3)36. A lovely, none too easy, Lily with deliciously perfumed lemon yellow trumpets. Pkt. 25c.

**PHILADELPHICUM**—y(3)35. Red Wood-lily. Upright chalice of vivid, red-toned orange. Pkt. 20c.

**PHILADELPHICUM HYBRIDS**—y(3)35. Mostly crosses of Davuricum and Philadelphicum, made by Canadian plant breeders. A most interesting race, showing pleasing variation in form and coloring. Pkt. 25c.

**POLYPHYLLUM**—yt(2)40. Rarity of Himalayan woodlands. Fragrant trumpets, creamy without, purple-marbled white within. Pkt. 35c.

**POMPONIUM**—y(2)40. Flowers brilliant scarlet, wax-like, reflexed. Pkt. 30c.

**PYRENAICUM**—yt(2)40. Blossoms of soft lemon, purple-dotted. Contrasting red anthers. Pkt. 25c; 3 for 70c.

**REGALE**—ekt(2)50. The King of Lilies, at least as far as northern gardens are concerned, exceedingly easy, and none more beautiful. Glossy white, wax-like, are the great flaring trumpets, but within there is a lemon tinting, the reverse shows rosy suffusions. The flowers are richly perfumed. A long-lived Lily, and established plantings of it give magnificent effects. Splendid cut flower. Easy from seed, germinating quickly and strongly. 1 pkt. 15c;  $\frac{1}{8}$  oz. 30c;  $\frac{1}{4}$  oz. 50c; 1 oz. \$1.60;  $\frac{1}{4}$  lb. \$5.50.

**REGAL-GROUP HYBRIDS**—Varied desirable Hybrid Lily strains in the general Regale complex. **CENTIFOLIUM HYBRIDS**—*Leucanthemum Chloraster* crossed with *Sargentia* and Regale. Pkt. 25c. **THE CROW HYBRIDS**—Splendid Canadian race, containing many varied inter-specific crossings. Pkt. 25c; 3 for 70c. **PRIDE OF CHARLOTTE**—Regale on *Sargentia*. Often carries bulbils in leaf axils. Pkt. 20c; 3 for 50c. **SHELBURNE HYBRID**—Regale crossed on *Sargentia*. Range of coloring considerable light to dark. Exceptionally fine large flowers. Follows Regale in bloom. *Illustrated page 15.* Pkt. 20c;  $\frac{1}{8}$  oz. 35c. **SULPHUR-GALE HYBRIDS**—Crosses of *Myriophyllum superbum* and Regale. Compared with Regale, trumpets are larger, less flaring, inner tinting heavier, bloom-season later. Pkt. 20c. **PRINCEPS CREELMAN**—A robust, free-blooming Regale-*Sargentia* cross. Pkt. 20c. **OFFER 100A25**—One pkt. each of these six for \$1.10.

**REGALE-HYBRID BLEND**—This is a mixture of six strains above. Seedlings will be in general Regale resemblance, but will generally have later season of bloom, and will show pleasing variations in trumpet size and shape, and particularly in the colorings, basically white of course, but with tintings, and stainings of lemon, elfin green, rose, olive and brown. Pkt. 20c;  $\frac{1}{8}$  oz. 35c;  $\frac{1}{4}$  oz. 65c.

**ROEZLI**—y(2-3)36. This fine Lily may be considered a smaller *Pardalinum*. Pkt. 20c.

**SUPERBUM**—yt(2)100. Stately plants that may tower to ten feet, are hung with recurved blossoms in beautiful combinations and overlays of yellow, orange, scarlet and maroon. Seeds germinate first year, but show no leaves until following spring. Pkt. 15c;  $\frac{1}{8}$  oz. 40c;  $\frac{1}{4}$  oz. 75c.

**TENUIFOLIUM**—(*L. pumilum*)—ekt(2)36. Coral Lily. Very many recurved blossoms in the glossy vermilion intensity of old Chinese lacquer. Easy and quick. Sometimes flowers first season. *Illustrated page 31.* Pkt. 20c;  $\frac{1}{8}$  oz. 30c;  $\frac{1}{4}$  oz. 50c;  $\frac{1}{4}$  oz. 90c; 1 oz. \$3.00.

**TENUIFOLIUM GOLDEN GLEAM**—In this race the flowers are usually rich honey-amber, but a rare seedling may come coral red. Pkt. 20c;  $\frac{1}{8}$  oz. 35c.

**VARIED HYBRID BLEND**—Lily Hybrids involving ancestry of *Hansonii*, the *Martagons*, *Philadelphicum*, *Concolor*, *Henryi*, *Davuricum*, *Wilmottiae*, *Davidi*, *Maximowiczii* and perhaps of others. Greatly variable, and should yield interesting and beautiful forms. It does not contain the Regale-Group Hybrids, and these should be ordered separately. Pkt., at least 15 seeds, 25c; 3 pkts. for 70c; 10 for \$2.10.

**WALLICHIANUM**—k(w)(3-4)75. Tender Lily from northern India, with 10-inch, fragrant flower trumpets, creamy with olive shadings in reverse. Pkt. 25c.

**WASHINGTONIANUM**—yt(2-3)60. Beautiful species with wide funnel blossoms that open white, but gradually suffuse with a rose that deepens to violet. Pkt. 20c;  $\frac{1}{8}$  oz. 35c.

**WILMOTTIAE**—ekt(2)50. A quick and easy Lily of much beauty, the arching, willowy stems carrying flowers of orange-tinted apricot, dotted red-brown. Pkt. 20c;  $\frac{1}{8}$  oz. 35c;  $\frac{1}{4}$  oz. 60c.

**OFFER 101A55**—One pkt. each of the 57 *Lilium* species and hybrid strains listed above, for \$11.40.

**OFFER 102A55**—One pkt. each of 14 of the easier, quicker kinds, giving wide diversification of color and form, *Amabile Callosum*, *Cernuum*, *Concolor*, *Davidi*, *Davuricum*, *Formosum*, *Longiflorum*, *Maximowiczii*, *Regale*, *Regale-Hybrid Blend*, *Tenuifolium Golden Gleam*, and *Wilmottiae* \$2.75 value total of separate prices, for just \$2.20 in the collection. No changes.

**SPECIAL LILY BLEND**—Includes seeds of about 50 *Lilium* species and Hybrid strains, but not, of course, in equal proportions. Nevertheless, here is a wonderfully diversified and widely inclusive mixture, all the best of the true *Liliums*. Pkt. 15c;  $\frac{1}{8}$  oz. 50c;  $\frac{1}{4}$  oz. 90c; 1 oz. \$3.50.



PINK LILY OF THE VALLEY

## 1 LILY OF THE VALLEY

Dainty, shade-tolerating, perennials for rock garden, bedding, or to colonize beneath trees. *Convallaria majalis*. **WHITE BELL**—Lovely perfumed bells of snowy daintiness, flowers that are pendant pearls. Plants, rooted individual pips, not clumps, for outdoor planting, 10 for 75c; 30 for \$2.00; 100 for \$6.00. **PINK BELL**—Rare form, flowers flushed rose. *Illustrated opposite.* Plants, rooted pips, 3 for 70c; 7 for \$1.40, customer limit. **FORTIN GIANT**—kt. A taller, large-flowered form of the white variety. Seeds, pkt. 25c.

## 1 LIATRIS (Blazing Star)

Unexcelled for cutting, or for summer garden decoration. "kt" culture. **ELEGANS**—(3)28. A beautiful and distinct species. Each individual "blossom" is large and starchy, pure lavender with white centers, long, curved stamens giving airy effect. Our fullest recommendation. Pkt. 15c;  $\frac{1}{8}$  oz. 25c;  $\frac{1}{4}$  oz. 40c. (Plants, each 35c). **SCARIOSA AVALON**—(4)50. Blazing feather-torches of great tassel-blossoms in pulsating purple-violet. Splendid late-blooming species. *Illustrated back cover.* Pkt. 15c;  $\frac{1}{8}$  oz. 35c. (Plants, each 30c; 3 for 85c). **SCARIOSA PURE WHITE**—(4)50. Towers of bloom, branching spikes overflow with big lace-edged blossoms of swansdown whiteness. A beauty. Pkt. 15c;  $\frac{1}{8}$  oz. 25c. (Plants, each 35c; 3 for \$1.00). **SPICATA**—(3)50. A fine species. Long, dense columns of richly purple fluffiness. Pkt. 15c;  $\frac{1}{8}$  oz. 35c. **LIGULISTYLIS**—(2)20. Our earliest *Liatria*. Purple flowerheads in style of *Scariosa*, but comes on weeks ahead of that species. Not too big for the large rock garden. Pkt. 20c. **HYBRIDA GRAND DUBOIS**—(3)72. Our tallest, great packed pillars of deep violet in plumose silkiness. Pkt. 15c;  $\frac{1}{8}$  oz. 25c. **OFFER 99A55**—One pkt. each of the six for 85c. **LIATRIS BLEND**—Fine mixture, above, with others. Pkt. 15c;  $\frac{1}{8}$  oz. 35c;  $\frac{1}{4}$  oz. 60c.

**FIELD BOOK OF AMERICAN WILD FLOWERS**—Mathews. Guide to the wild flowers of eastern America, Atlantic to central Kansas and Dakota. 590 pages, 400 illustrations. \$3.50.

\* **LINUM ANNUAL**—ex(2-3)18. Easy, quick, pretty, long in bloom. **GRANDIFLORUM**—Satin blossoms of old rose. Pkt. 10c. **ANGUSTIFOLIUM**—Flowers of silky deep blue, medium size, in enormous numbers. Pkt. 10c. **STRICTUM**—Pretty Abyssinian species with little yellow flowers in compact, head-like clusters. Pkt. 20c. **OFFER 104A15**—One pkt. of each for 35c.

**1 LINUM HARDY**—\*rbx. Here are the hardy perennial *Linums*. Though long-lived, they give showy bloom first season. **ALPINUM**—(8)6. Flowers of brilliant blue on low plants. Stems short, erect. Pkt. 20c. **AUSTRIACUM**—(2)20. Robust plants that carry in graceful canopy style, great spreads of *Gentian*-blue flowers. Pkt. 10c;  $\frac{1}{8}$  oz. 25c. **COLLINUM LOREYI**—(8)10. Arching plants with large satiny blossoms of lilac with indigo striations. Ever-blooming. Pkt. 15c. **FLAVUM**—(2-4)15. Loose, wide clusters of golden yellow flowers. Will need some winter mulching in cold areas. A showy perennial. Pkt. 20c. **PERENNE**—(2)25. In this *Perenne* strain the flowers are mostly vivid, satiny blue, but at times white or striate ones may appear. Pkt. 10c;  $\frac{1}{8}$  oz. 20c. **OFFER 105A55**—One pkt. each of above for 65c.

4 **LITTONIA MODESTA**—k(w). A pretty, twining-stemmed cousin of *Gloriosa*, very suitable for pot culture. Bell shaped flowers of brightest orange. Pkt. 20c.

\* **LOPEZIA CORONATA**—ebk(8)30. A gay Mexican Annual. Little flowers of encarnated rose-brilliance in butterfly reminder appear on ever-lengthening stems all summer. Usually grown in garden, but sometimes handled as a hanging basket plant, the flowering stems becoming decumbent when grown in pots. Pkt. 15c.

2 **LOTUS MASCAENSIS**—w. A pretty Canary Island species that makes a good pot or hanging basket plant. Drooping, silvery foliage, and clustered, shining yellow flowers. 10 seeds for 25c.

## THE PLEASANT LINARIAS

Exquisite blossoms like fairy Snapdragons. Many of the *Linarias* are perennial, but all of them bloom quite quickly first year and are best treated, and so marked below, as easy annuals. Several of the others are enduring perennials, and are so marked. All are easy from seed. 1 **ALPINA**—5 inches. Rich purple, touched orange; foliage blue-glaucous. Pkt. 20c. \***BROUSSONNETI**—9 inches. Everblooming. Lettuce-green fur-foliage set continuously with little golden Snapdragons. Pkt. 15c. 2 **CYMBALARIA**—4 inches. Pretty creeper with lilac flowers, touched yellow. Good pot, hanging basket or porch box plant. Kenilworth Ivy. Pkt. 15c. 1 **MACEDONICA SPECIOSA**—36 inches. Bigger Snapdragons, cream to rich yellow, marked orange. Pkt. 15c; 1/32 oz. 25c. \***MAROCCANA EXCELSIOR**—12 inches. Spikes of dainty little Snapdragons in white, crimson-and-gold, lavender, chamois, blue-violet and rose. Pkt. 10c; 1/8 oz. 25c. 1 **PURPUREA CANON WENT**—25 inches. Branchings close-set with little flowers of purest pink. Pkt. 20c. 1 **REPENS**—16 inches. Bushy plants filled with fragrant flowers, violet striate on white. Pkt. 15c. \***RETICULATA CRIMSON-AND-GOLD**—10 inches. Massed little dragon flowers in brilliant crimson and gold effect. Pkt. 15c. 1 **SUPINA**—6 inches. Delightful species for the rock garden. Ever-blooming. Snapdragons in chestnut, primrose, golden, terra cotta, apricot, mahogany orange lilac-rose, violet, purple usually with touch of contrasting hue. Pkt. 25c. \***TRIORNITHOPHORA**—30 inches. Big blossoms like long-spurred Snapdragons in rich purple with orange lip. Sometimes pink. The flowers are carried in threes, tier above tier. Portugal. Pkt. 20c. \***TRISTIS HYBRIDA**—8 inches. Gray-frosted foliage. Pretty little blossoms in cream, old gold, orange, smoky rose, chestnut, mahogany or silvered violet, always with touch of ochre, crimson or purple. Pkt. 15c; 3 pkts. for 40c. **VENTRICOSA**—30 inches. Close, slender racemes of flowers in soft yellow so closely pin-striped with red-orange that they are all of a ruddy glow. Narrow, silvery leaves. From the Canaries. Pkt. 20c. **OFFER 103A15**—One pkt. each of the above for \$1.75. **LINARIA MIXED**—Above, with others. Pkt. 15c.

## 1 LITHOSPERMUM

Attractive perennials of easy handling and long bloom, suited to rock garden or border. "kt" culture. **ANGUSTIFOLIUM**—(2-3)18. Two kinds of flowers, big orange ones in spring, little yellow ones in summer. Pkt. 20c; 3 pkts. for 50c. **PURPUREO-COERULEUM**—(2)10. Blossoms of sapphire blue, stems tangled, arching. One of the better rock garden perennials. 6 seeds for 25c. (Plants, each 40c). **DISTICHUM**—25 inches. Pearl-plant. Grown for the decorative seed effects. From mid-summer until the following spring the tangled, slender branchings are filled with seeds like shining white pearls. Pkt. 20c.

## LOBELIA BRIGHTNESS \*

Long-blooming plants of easy handling, all rich in color, but otherwise of quite diverse habits and uses. **BLUE STONE**—x(w)(8)4. Low, compact mounds. Flowers clear-est blue. An annual for edging, rock garden, window box, pots. Pkt. 15c. **SAPPHIRE**—x(w)(8)8 Delightful annual semi-trailer with exquisite sapphire blue flowers, each with white eye. Pkt. 20c. **CARDINALIS**—\*ematx(3)50. Red Birds. A hardy perennial of great showiness. High spikes of flowers in brilliant red. Pkt. 15c; 1/8 oz. 30c. **SIPHILITICA**—\*ematx(3)35. Blue Birds. Another hardy perennial. Spikes crowded with blossoms of royal indigo. It is good. Pkt. 15c; 1/8 oz. 30c. **LAXIFLORA**—Exceedingly showy plant for cool pot culture. Flowers of bright red and yellow. Tender perennial. Pkt. 25c. **OFFER 106A55**—One pkt. each of the five for 75c.

**EXPLANATION OF KEY LETTERS** and numerals after variety names appears on page 50. These indicate methods of sowing, blooming time, heights, etc.

1 **LOTUS CORNICULATUS**—gytj(3)6. Good trailing ground cover with pretty little yellow pea-flowers. Pkt. 10c; 1/4 oz. 25c.

1 **LOTUS DOUBLE GOLDEN**—Dense, low foliage mats of brightest green are set in spring with little double "Sweet-peas" in golden yellow. Rock garden or ground cover. Plants only, each 40c; 3 for \$1.10.

## 1 LILY TURF

It is **LIRIOPE SPICATA**, (*graminifolia*), winter-hardy Chinese perennial illustrated below. Over fountains of ribbon leaves come spikes of little blue star-flowers, then berries of polished black that hold until April, so decorative most of year. Valued for terraces, rock garden, walk corners, or beneath trees. It spreads slowly until the space is filled with its deep, springy, leafiness. Pkt. 15c; 1/8 oz. 25c 1/4 oz. 40c. (Plants, each 30c; 3 for 85c; 10 for \$2.50; 25 for \$5.50.)



1 **LYSIMACHIA**—ebx(3)28. Easy hardy perennials of value in the mixed border. **CLETHROIDES**—Chinese species with white flowers in slender terminal spikes. Pkt. 20c. **VULGARIS**—Wide pyramidal panicles of bright yellow flowers in rather effect of Hardy Phlox, so called Golden Phlox. Pkt. 15c.

## 1 LYCHNIS FOR EASY COLOR

Easily grown, brilliantly hued perennials. "x" culture. **ALPINA**—7 inches. Pretty rock garden species with dense spikes of flowers in pure white or soft pink. Pkt. 15c; 3 pkts. 40c. **CHALCEDONICA**—25 inches. Maltese Cross. Big, flattened clusters of cross-shaped flowers in brightest red. Pkt. 15c; 3 pkts. 40c. **CHALCEDONICA SALMONEA**—Here the blossoms come in dainty and varied salmon pinks. Pkt. 15c; 3 pkts. 40c. **CORONARIA CRIMSON**—20 inches. Flowers rich rose-crimson, foliage downy-silvery. Rose Campion or *Agrostemma*. Pkt. 10c; 1/8 oz. 20c. **CORONARIA BICOLOR**—White flowers with rosy centers. Pkt. 10c; 1/8 oz. 20c. **DIOICA**—20 inches. Dawn Campion. Easy and showy. From white, through pink and rose, to rather deep red. Pkt. 10c; 3 pkts. for 25c. **PRESLI**—25 inches. Sheafs of rich rose or pure white. Fullest recommendation. From high plain of Bolivia. Pkt. 15c; 1/8 oz. 30c. **SARTORI**—10 inches. Flattened clusters of deep rose-purple. China. Pkt. 20c. **VISCARIA SPLENDENS**—20 inches. Fountain-like plants with flowers of clear rose pink. Pkt. 20c. **VISCARIA PURPUREA**—Like last, but flowers of darkest purple. Pkt. 15c. **WALKERI**—25 inches. Everblooming hybrid, cross of *Coronaria* and *Flos-Jovis*, with carmine-red flowers and down-silvered foliage. Pkt. 15c. **OFFER 109A55**—One pkt. each of above for \$1.45. **LYCHNIS HARDY BLEND**—Above, with several others. Pkt. 15c; 1/8 oz. 25c.

**LYCHNIS DOUBLE BRILLIANCE**—Massive spike-clusters of rich, bright rose. Greatly showy, and quite out of the usual. A fully double form of *Lychnis Viscaria*. Plants only, each 45c; 3 for \$1.20.



1 **LYTHRUM SALICARIA MIXED**—eatkt(3-4)50. The "Long Purples" of Shakespeare. Many dense, narrow spikes in rose and purple. Pkt. 15c; 3 pkts. for 40c.

## \* LUPINUS ANNUAL

Sow it early, that is main secret of success with it. It can be a very showy annual. **NANUS**—10 inches. Indigo, marked white. Particularly good. Pkt. 10c; ¼ oz. 25c. **DENSIFLORUS**—16 inches. Dense spikes of flowers that are usually white or rosy violet. Pkt. 15c. **PUBESCENS**—36 inches. Flowers blue-violet with white centers. Good. Pkt. 15c. **HARTWEGGI MIXED**—24 inches. Giant selection. Long, graceful spikes in white, blue or rose. Pkt. 10c; ¼ oz. 25c. **SUBCARNOSUS**—18 inches. Texas Bluebonnet. Big, bright blue flowers over silky foliage. Pkt. 10c; ¼ oz. 20c. **TRUNCATUS**—15 inches. Blood-red blossoms age to purple. Pkt. 10c. **CRUIKSHANKI**—50 inches. Peruvian species with pale blue flowers, shaded purple. Pkt. 15c. **OFFER 107A15**—One pkt. each of above for 70c.

## 1 LUPINUS PERENNIAL

Racemes of bright flowers over pleasant foliage. Seeds may be sown where plants are to stand. "ktj" culture. **ARBOREUS**—60 inches. Fragrant yellow. Needs winter protection. Pkt. 10c. **DIFFUSUS**—16 inches Early. Brilliant blue flowers over silky foliage. Pkt. 20c. **LYALLI**—6 inches. Lovely rock garden miniature with silvered foliage and spikes of dark blue, white-centered flowers. Pkt. 20c. **ORNATUS**—Rather like last, but taller and larger, to 20 inches. Pkt. 15c. **PERENNIS**—20 inches. Showy blue, varying to violet. Prefers soil that is on acid side. Pkt. 15c; ⅛ oz. 40c. **RIVULARIS**—36 inches. Showy species with flowers that may be lavender, blue or rose-violet, yellow marked. Pkt. 15c. **VILLOSUS**—14 inches. Massive spikes, lilac to violet. Foliage silky, shaggy. Pkt. 15c; ⅛ oz. 35c. **OFFER 108A55**—One pkt. each of above for 90c.

**LUPINUS PEERLESS HYBRIDS**—ecbk(3)35. Great, tapering, close-packed spikes in creamy pink, rose, salmon, orange chocolate, primrose lavender mauve indigo violet and the like. The best of several strains, including liberal amount of the Russell. Pkt. 15c; ⅛ oz. 40c.

## 2 MARICA GRACILIS

One of the less usual and more beautiful pot plants, with Iris-shaped flowers of waxy white, the reflexed inner segments bright blue, the petal bases striped brown-chestnut. Each lovely, fragrant blossom fades at days-end, morning bringing another in its place. New plants are produced from the tip of the flower scape that eventually arches over and roots. From this, sometimes called Walking Iris. Long-lived, the plants increasing in number of crowns each season. Plants only, single-crown, each 75c;

There is no more precious treasure than a living and continuous delight within us, in the world without us.

\* **MADIA ELEGANS**—ebx(3-4)40. An annual for the shady corner. In sun the blossoms are open only morning and night, but in shade they keep on display all day long. The flowers are inch-wide daisies, small centers, long, three-cleft petals of golden yellow but with base-blotch of red-brown on each that makes a zone-ring of contrast. Cluster-flowered. *Illustrated back cover.* Pkt. 15c.

1 **MALVA ALCEA**—ecbx(2-3)48. A particularly satisfactory perennial, showy, easy, quick, desirable as a cut-flower. Many lithe stems burdened with satiny flower-cups in Dorothy Perkins pink. Pkt. 15c; ⅛ oz. 25c. (Plants, each 35c).

1 **MALVA MOSCHATA PINK**—\*ecbx(3)30. Sheafs of big, soft pink flowers. Blooms first year, sown early. Pkt. 10c; 3 pkts. for 25c. **MOSCHATA PURE WHITE**, same price.

\* **MATRICARIA (FEVERFEW)**—eirbk(8)10. Valued for edgings, pot plants, or for cutting. Intensely double little flowers. Profuse in long bloom. **GOLDEN BALL**—Rich yellow. Pkt. 10c. **LEMON BALL**—Soft lemon. Pkt. 10c. **SNOWBALL**—Purest white. Pkt. 10c. **MULTIFLORA**—Differs in growing a bit taller, the individual double flowers rather smaller, but carried in many-flowered clusters. Rich yellow. Pkt. 15c. **OFFER 111A15**—One pkt. each of the four for 40c.

\* **MIRABILIS or WONDER-FLOWER**—Consider them annuals of much showiness and easy growing. **UNIFLORA**—30 inches. Bright rose flowers in trumpet-in-trumpet form, each long-tubed blossom rising from a much ruffled second "flower" of the same vivid rose. Pkt. 15c; 3 for 40c. **DICHOTOMA**—25 inches. Long-tubed blossoms of blush white. Pkt. 10c. **VISCOSA**—Ten-O'clock Flower. 36 inches. Graceful sprays of blossoms in vivid rose-purple, over attractive foliage. Along with the true flowers are innumerable blossom-simulates in crinkly, silky buff-tan. Pkt. 15c. **JALAPA**—24 inches. Flowers in white, yellow, rose, red, pink, lilac or sometimes tri-colored. Will make a quick hedge. **OFFER 114A15**—One pkt. each of the four for 40c.

## \* MARIGOLD EXCELLENCIES

Opulent beauties here in pleasant diversity, easy to grow, and to enjoy. **ecx. IDABELLE FIRESTONE**—Hyb. 36 inches Red mahogany flowers, fully double, with long stems. Pkt. 15c; ⅛ oz. 25c. **FLASH**—Fr. 28 inches. Vivid single in blended orange and red. Pkt. 20c. **GIANT LEMON-BALL**—Afr. 35 inches. Immense, formal, lemon-yellow balls. Pkt. 15c; ⅛ oz. 30c. **GIANT ORANGE-BALL**—35 inches. Enormous, tightly packed ball-flowers of richest orange. Pkt. 15c; ⅛ oz. 30c. **GOLDSMITH**—Afr. Four-inch flowers in deepest orange gold, form of incurved Chrysanthemums. Pkt. 15c. **LIMELIGHT**—Afr. 20 inches. The lightest Marigold, pale, creamy primrose, flowers intensely double, petals, incurved, interlaced. Pkt. 15c. **POT O'GOLD**—Afr. 14 inches. Massive double flowers of deepest orange gold, full-centered. Pkt. 15c. **GUINEA GOLD**—Afr. 30 inches. Loosely ruffled Carnation-like in gold-toned orange. Pkt. 10c; ⅛ oz. 25c. **SUNSET GIANTS**—Afr. 45 inches. Largest of Marigolds, flowers sometimes 6 inches across, but exceedingly variable in size, form and color. Majority will be double, and in yellow and orange tones. Pkt. 15c; ⅛ oz. 25c. **FLAMING FIRE**—Fr. 25 inches long. Big, gorgeous single flowers in patterns of red and maroon over lemon and gold. Pkt. 10c; ⅛ oz. 20c. **FINEST FRENCH MIXED**—Fr. 15 inches. Dwarf, flowers fully double, in richest colorings, varied yellows and oranges, with mahogany, crimson and scarlet shades and applications. Pkt. 15c; ⅛ oz. 25c. **TAGETES TENUIFOLIA**—Signet Marigold. 10 inches. The daintest, with lacy foliage, and a profusion of little single flowers in tones of yellow. Useful for edgings. Pkt. 10c; ⅛ oz. 25c. **OFFER 110A15**—One pkt. each of above 12 for \$1.50. **MARIGOLD DISPLAY JUNIOR**—The lower kinds, those under 20 inches of height. Pkt. 10c; ¼ oz. 30c. **MARIGOLD DISPLAY SENIOR**—The taller kinds, from 20 inches on up. Here's surprise. Pkt. 10c; ¼ oz. 30c.

## 1 MECONOPSIS (Blue Poppy)

Meconopsis is not always blue, but always it is beautiful. Not particularly easy to grow, needing cool soil and moist air. "kt" culture.

**BETONICIFOLIA BAILEYI**—Great Blue Poppy. Loosely clustered big blossoms of sky blue, with bunched golden anthers. It may reach five feet. Pkt. 20c; 3 pkts. for 50c.

**LONGIPETIOLATA**—Panicles of pendulous, silky yellow flowers in August. A rare species that will fit the rock garden. 18 inches. Pkt. 25c.

**WALLICHI**—(Napaulensis). Satin Poppy. Delightful blossoms of soft dawn-blue over portly rosettes of tawny featherings. 40 inches. Pkt. 20c.

**CAMBRICA AURANTIACA**—The rich orange form of the attractive Welsh Poppy. Perhaps easiest Meconopsis. Pkt. 20c.

**PRATTI**—60 inches. Flower coloring variable, light blue to claret. Spiny leaves. Pkt. 20c.

**OFFER 112A55**—One pkt. each of the five for 85c.

## 3 WHITE STAR LILY

It is **MILLA BIFLORA**, pleasant bulb-flower for the summer garden, *illustrated page 20*. Fragrant blossoms with petals of snowy white waxy crispness. It cuts. Garden and storage handling that of Gladiolus. 24 inches. Bulbs, spring delivery, each 25c; 3 for 70c; 10 for \$2.00.

## \* MIMULUS, RICHLY TINTED 1

Blossoms as oddly formed as many an Orchid, come in colorings as exotic; cardinal, coppery crimson, blue lavender, pink, rose and yellow this sometimes red-splashed. Sow early and with care any fine seed needs. Water in drought. The Mimuluses are truly delightful garden flowers, most of them perennials, but they blossom so quickly first year that they may be readily treated as annuals. Pkt. 15c; 3 pkts. for 40c.

**1 MERTENSIA VIRGINICA**—erbstkt(2)24. The lovely Virginia Bluebell in changeable opaline colorings, pink in bud, but lucent blue-sapphire when arching sprays of blossoms open. *Illustrated page 9.* Pkt. 20c;  $\frac{1}{8}$  oz. 30c. Also variety SNOWBELL, flowers pure white or with faint azure suffusion. Pkt. 30c.

**1 MENTHA REQUIENI**—The exquisite miniature Mint of Corsica. An aromatic pungency of tiny overlapping leaves in emerald filminess, fairy-size violet blossoms above. Rock garden. Plants only, each 40c.

**2 MESEMBRYANTHEMUM BLEND**—w. As varied as are the Cacti, thick succulence and form oddities, but here never a spine. Foliage may be deltoid, pencil-like, or tongue-shaped. Flowers usually bright and showy. Mesembryanthemum in the older, inclusive interpretation. Pkt. 25c.

\* **MIGNONETTE**—ecobx(2-3)12. Desired for its fragrance. Big fluffy flower spikes, red, golden, coppery and white in mixture, long-blooming forms suitable for either garden or pot culture. Sow where plants are to stand. Pkt. 10c;  $\frac{1}{8}$  oz. 25c.

**MISTLETOE**—Massed foliage of shining green, set with white berries. We offer dried berries of Phoradendron villosum, a Mistletoe that grows chiefly on Oaks. Soak the berries in water for a short time, then smear on bark of younger Oak branches. Pkt. 20c.

**2 MOMOCHAETUM VULCANICUM** — w36. Exceedingly showy tender perennial from Costa Rica. Attractive flowers of deep rose pink. Grow as a large pot plant, North. Pkt. 25c.

**2 MONSONIA SPECIOSA**—w. A handsome Pelargonium cousin with showy white or soft pink flowers, always veined with deeper pink. Fairly large leaves with bipinnatifid lobes. 5 seeds for 25c.

**1 MORONGIA UNCINATA**—\*erkt(3-4)8. The Sensitive Rose. Fluffy, Hyacinth-scented balls of pure pink, thrust with golden anthers. Trailing stems with sensitive, pinnate leaves. Schrankia. Pkt. 20c.

## 1 MONARDA or BERGAMOT

Pleasant, aromatic, shade-tolerant perennials. ecbstx(3).

**FISTULOSA**—Lavender Balm. Blossoms of mauve to lavender in effects of full fluffy doubleness. To five feet. Pkt. 15c;  $\frac{1}{8}$  oz. 30c. (Plants, each 35c; 3 for \$1.00).

**PUNCTATA**—25 inches. The flowers, of purple-dotted buff-tan, are set over showy floral leaves of white with rosy shadings. Thrives even in dry, sandy soils. Pkt. 15c.

**AVALON HYBRIDS**—45 inches. Well-filled flowerheads give effects of full doubleness, and the color variations are rather amazing, silvery white, blush, pink, rose, mauve, violet crimsons. Pkt. 20c; 3 pkts. for 50c.

**CAMBRIDGE SCARLET**—Flowers of scarlet-toned crimson for months. Plants only, each 45c.

**OLD ORCHARD PINK**—Bright salmon pink are the blossoms, a pure, lustrous tone. Plants only, each 45c.

## 4 MOREA or AFRICAN IRIS 3

South of the equator Morea takes the place of the genus Iris, but that means no lessening of family beauty, for Moreas are airier, daintier, with an alluring charm individual to them. All make splendid pot plants, and it is so that they are usually grown North. Colorings include snowy white, white with blue or gold patches, soft yellow, buff, citron patched with mahogany, lilac, mauve, lavender and violet. "kt" culture. Pkt. 20c;  $\frac{1}{8}$  oz. 40c;  $\frac{1}{8}$  oz. 75c.

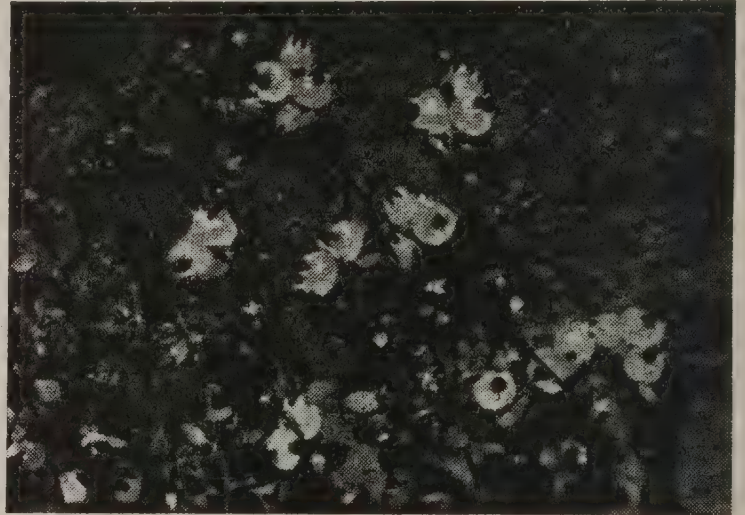
**MOREA POLYSTACHYA**—kt. Blossoms like mauve-lavender butterflies with touch of yellow and markings of Parma violet. Big, handsome, open flower-sprays. Garden-planted bulbs put out in spring lie dormant for a time, then grow rapidly, giving glorious showing in autumn. May be dug and stored in sand. It likewise forces well, handled as a pot plant. *Illustrated page 2.* Pkt. 20c;  $\frac{1}{32}$  oz. 35c;  $\frac{1}{8}$  oz. 60c. (Bulbs, fall or spring, 2 for 35c; 7 for \$1.00).

**MOREA ROBINSONIANA**—The "Wedding Iris" of Lord Howe Island. Spectacular blossoms, 4 inches wide, white with yellow and rosy markings, on stems that reach 6 feet. On one stately clump 457 flowers have been counted between June and October. North, a large pot or tub plant. Pkt. 25c.

**OTHER FINE MOREAS**—At 20c the packet. Bicolor, Catenulata Iridioides, Ramosa, Ramosissima, Oakhurst Hybrids, Villosa. OFFER 115A55—One pkt. each of above and also each of Polystachya and Robinsoniana for \$1.60.

## 3 MONTBRETIA

For flaming, long summer color, Montbretia excels all other garden bulbs. It gives unceasing showing from June into late autumn, glowing orange, fire scarlet, yellows, apricots, salmons in many a varied tone. Safest when bulbs are dug in late autumn and stored over winter in dampish sand in a frostproof place. Plant upon arrival, or place in damp sand until you can, for otherwise they become hard. This is a really splendid mixture, containing a liberal proportion of the larger Earham Hybrids. Spring delivery, bulbs, 5 for 50c; 10 for 90c; 25 for \$2.10.



**1 MUEHLENBECKIA AXILLARIS**—ergx(4)5. Delightful tangles of slender red stems set with tiny leaves of deep emerald. Wee flowers are followed by black seeds, each in its own cup of succulent, glistening white, almost of ice-cream appearance and consistency, *see illustration above.* From New Zealand, and of full winter hardiness at Old Orchard. Though usually used in rock garden, or for carpeting or cover, it also makes an interesting window pot or hanging basket plant. Pkt. 20c. (Plants, each 40c).

**1 MULGEDIUM BOURGEOI**—ebx(3)50. Lovely blossoms in immense plume-panicles of pearly blue. Pkt. 15c.

**3 MUSCARI COMOSUM**—kt14. Tall, open flower spikes, the bells in the top half of blue-violet, those in the lower half of olive-shaded brown. Pkt. 20c.

**1 MYOSOTIS or FORGET-ME-NOT**—\*erx. Notable for dainty and bright blue blossoms. **ALPESTRIS ROYAL BLUE**—20 inches. Sprays of intense blue. Usually grown as an annual. Pkt. 20c. **PALUSTRIS SEMPERFLORENS**—8 inches. Sprays of soft blue with lighter centers. A true perennial, though flowering freely first year. Everblooming. Pkt. 20c; 3 pkts. for 50c. **CAESPITOSA**—5 inches. Low, exceedingly verdant semi-creeper, jeweled with clear blue stars. Pkt. 20c.

\* **NEMESIA**—erk. Easy annuals of much beauty. **GAYETY BLEND**—(2-3)12. Large, oddly formed flowers of white, pale yellow, pink, rose, crimson, orange and lilac, carried in long and great freedom. Pkt. 15c. **THE EVERBLOOMING NEMESIA**—(8)18. Pretty flowers of white or blush, always with touch of gold, carried in continuous succession for months. Nemesia foetens. Pkt. 15c.

**1 NEPETA MUSSINI**—ergx(2-4)10. Blue-lavender flowers in spraying panicles over wide mounds of silver-gray foliage. Excellent, long-blooming rock garden or edging perennial. Sometimes used, too, as under-cover for bulb plantings. Pkt. 20c. (Plants, each 35c).

## \* NASTURTIUM

From cream, through lemon, chamois, salmon, rose, orange, cerise, scarlet, maroon and mahogany, in many a blending shading or bizarre splashing. "x" culture. **DWARF DOUBLE GIANTS**—Compact plant-globes massed with fragrant blossoms, semi-double and double. Pkt. 15c;  $\frac{1}{2}$  oz. 25c. **DWARF SINGLE MIXED**—The old-fashioned single-flowered bush Nasturtium in superb color range. Pkt. 10c; 1 oz. 30c;  $\frac{1}{4}$  lb. \$1.00. **DOUBLE GLEAM HYBRIDS**—Semi-dwarf, may be grown on low trellis, or as mat-trailer. Fragrant double and semi-double flowers in full color range. Pkt. 10c; 1 oz. 35c;  $\frac{1}{4}$  lb. \$1.10. **TALL MIXED**—Big, varied single flowers. Vine for trellis or fence. Pkt. 10c; 1 oz. 25c. **OFFER 117A15**—One pkt. each of above for 35c.

\* **NEMOPHILA**—ekt(2)8. Wide, handsome flowers. Sow them early. **MENZIESI**—Baby Blueeyes. Inch-wide flowers in clearest sky blue. Pkt. 10c. **MACULATA**—Rather large and showy flowers of pure white, vividly patched with purple. Pkt. 10c.

3 **NERINE FILIFOLIA**—One of the prettier and less usual bulb-flowers, blooming in autumn surprise along with the hardy Chrysanthemums. Airy blossoms with petals crinkle-creased, are carried in open circlets on foot-high stems, bright carmine buds unfolding to sparkling pink. It cuts well. In the North, dig the bulbs in late autumn, and carry over winter in a frost-proof place, packed in dry sand. Makes a good pot bulb, too. Bulbs only, spring delivery, 3 for 50c; 10 for \$1.35.

\* **NICANDRA PHYSALODES**—ebx(2-4)40. Easily grown old-fashioned Annual, with upfacing blossoms of bright blue, white centered. Then come curious fruits, not edible. Sometimes called Shoo-fly Plant. Pkt. 10c; 1/8 oz. 20c.

\* **NOLANA LANCEOLATA**—ergx(8)5. Chilean plant of decumbent habit, foliage crispy, succulent, all set with wide flowers of rich ultramarine, white-centered. Garden delight, or as hanging basket plant. Pkt. 15c.

\* **NUTTALLIA DECAPETALA**—kt(3)40. Spectacular, fragrant bowl-blossoms of ivory white, center with golden tassels. Sow at first spring moment. *Illustrated page 23.* Pkt. 15c.

### \* ROSY WINGS (Othake)



This not only one of the newer, but also one of the better annual flowers. The blossoms, each about an inch across, are carried in many-flowered corymbose clusters. Each flower has a densely double center, encircled by wing-like, three-lobed petals in most pleasing silvery pink, petal-wings and the cushion center all of one tone. Exceedingly long blooming and free blooming, flowers for months. Easy to grow. This is **OTHAKE SPHACELATA**, *illustrated opposite.* Pkt. 15c.

### 3 NOMOCHARIS

Two unusual and desirable bulbs in relationship that might be represented at first cousin to *Fritillaria*, second cousin to *Lilium*, and perhaps third cousin to *Calochortus*. kt. culture. **NANA**—16 inches.

Himalayan species with solitary, nodding flowers of lilac to purple. Pkt. 25c. **MAIREI**—24 inches. Flowers with satiny, pale rose petals, violet-spotted. From Yunnan. Pkt. 30c.

### \* NICOTIANA

The gardens of those who delight in sweet scents will hold always *Nicotiana*. At dusk the fragrance is richest. The flowers are in *Petunia* form, but with longer tubes. ebx(8). **AFFINIS**—30 inches. Long white trumpets with sugar-sweet perfume. Fine border flower, or fall-sown seedlings may be grown as winter pot plants. Pkt. 10c. **AFFINIS HYBRIDS**—Very like last, but includes mauve suffusions, along with rose and red. Pkt. 10c. **SYLVESTRIS**—Stately plants, to five feet, with long white trumpets that remain open continuously. Pkt. 10c. **SANDERAE HYBRIDS**—28 inches. Long brightness in the rose, red and crimson range. Pkt. 10c. **GLAUCA**—A distinctive, very different species, grown chiefly for the decorative, exotic effect of the tall, pyramidal plants with their blue-glaucous foliage. Accent or specimens. At Old Orchard plants have reached 12 feet of height in one season. Rather small yellow flowers. Pkt. 10c. **OFFER 118A15**—One pkt. each of the above for 40c.

### NIEREMBERGIA

Charming plants for the open garden, or for pot culture. **COERULEA PURPLE ROBE**—\*erx(w)(8)8. Blossoms like open chalice, so many that the whole plant is but a flower-mound of rich blue-violet. Handled as an annual, it is of easiest garden culture, but also it makes a delightful, long-lived, long-blooming pot plant. Originally introduced as *N. hippomanica*, and *illustrated on page 7* by that name. Pkt. 20c. **RIVULARIS**—Exceedingly attractive, everblooming matformer, to 4 inches. Big, snowy, silk-crinkly cups, upfacing in such vast population that the whole spread of the plant becomes an imbricated pavement of marble-white bloom. Winter-hardy at Philadelphia, but needing winter-mulching in colder areas. Rock garden, ground cover, terrarium or pot plant. Plants only each 40c; 3 for \$1.10; 10 for \$3.30.

2 **ODONTOSPERMUM SERICEUM GRANDIFLORUM**—w. Handsome Canary Island composite for pot culture. Silky foliage. Flowers of deep yellow in the daisy fashion. Pkt. 20c.

1 **ONONES**—erbk(3). Attractive, low half-shrubs for dry, sunny positions in rock garden or border. **ROTUNDIFOLIA**—15 inches. Little clusters of pretty pink pea-flowers. Pkt. 20c. **SPINOSA**—18 inches. Somewhat larger solitary blossoms in bright rose, like little Sweet Peas. Pkt. 20c.

### 3 GARDEN OXALIS

The dainty, colorful blossoms of the Garden Oxalises



open in long profuse succession, months of bloom. Gracefully formed foliage, rich in effect. All are good in the rock garden, or for edgings, bedding, porch and window boxes. In autumn dig and store in manner of *Gladiolus*. It should be noted that some species naturally make tiny bulbs, others large ones. Fine mixture, old rose, white, rosy crimson, lavender. *Illustrated opposite.* 12 for 30c; 25 for 50c; 100 for \$1.80; 250 for \$4.00.

**LATIFOLIA**—9 inches. Lavender-violet flowers in enormous profusion. 12 for 30c; 25 for 50c; 100 for \$1.80.

**DIEPPI ALBA**—9 inches. This delightful species is very like the last save that blossoms are pure white. 12 for 30c; 25 for 50c; 100 for \$1.80.

**THE FLORIBUNDA OXALIS** (*Oxalis lasiandra*)—18 inches. Rather large and showy blossoms of a rose so deep that it approaches crimson. A continuous bloomer, and the only *Oxalis* here that will force for winter bloom. In the summer garden it is large enough so that it can be showily effective when planted in scattered clumps at the front of the hardy border. Oddly radiating leaflets. *Illustrated page 49.* 8 for 30c; 25 for 75c; 100 for \$2.75.

### OENOTHERA (Evening Primrose) \*

The big, silky blossoms unfold at dusk, mostly remaining open until well into the next day. All bloom first year, and the first three are perhaps best treated as Annuals, but *Missouriensis* and *Speciosa* are soundly hardy perennials. "x" culture. Rock garden or border. **CAESPITOSA**—(2)5. Low foliage rosettes set with satiny 3-inch blossoms in softest of pinks. Pkt. 20c. **TRILOBA**—(8)6. Slash-leaved rosettes carry big flowers of soft primrose yellow that become apricot by next morning. Pkt. 15c. **TRICHOCALYX** (8)15. Enormous flowers of diaphanous, silky whiteness, the petals gradually suffusing buff apricot. Pkt. 20c. **MISSOURIENSIS**—(3)10. A particularly satisfactory low perennial, spectacular in bloom. Immense flowers of glossy yellow, sometimes 5 inches across, are followed by odd, widely winged seed pods. *Illustrated on front cover.* Pkt. 15c; 3 for 40c. (Plants, each 35c; 3 for \$1.00). **SPECIOSA**—(8)18. Wind-primrose. Big blossoms open pure white, gradually taking on faint blush suffusions. Pkt. 20c. **OFFER 119A55**—One pkt. each of above for 80c.

### 4 ORNITHOGALUM 3

Showy bulbs, easy from seed, some for the garden, others for pot culture under glass. *Illustrated page 34.* **SAUNDERSIAE**—cbx(3-5)70. Spectacular summer bulb of easy garden handling. It makes big, upright rosettes of wide, thick, channeled leaves that stay glossily green, season through. From these rise sturdy stems to five feet or six feet, capped with great flower clusters that lengthen and open buds successively over a period of several months. The flowers are larger than in other *Ornithogalums*, five wax-like cream-white petals about a center-boss of an olive green so dark that it nears black. Makes a fine, long-lasting cut flower, and in the garden no other bulb-flower is more strikingly decorative. Pkt. 25c; 3 pkts. for 70c. **SPECIOSUM**—w16. Clusters of white, bell-shaped flowers, each petal with a purple tip. A very good one. Pkt. 25c. **THYRSOIDES**—\*ecx(w)18. Clustered, fragrant blossoms of pure white. A long-lasting cut flower. A winter-flowering pot bulb. This will bloom within 9 months from seed. Pkt. 15c; 1/32 oz. 35c. **AUREUM**—Flowers of rich golden orange, and stems a trifle shorter. Otherwise like *Thyrsoides*. Pkt. 20c. **SPIRALE**—x(3)20. Tall spires of little white flowers, green-striped, all summer long in the garden. Also sometimes grown in pots. Pkt. 15c. (Bulbs, spring delivery, 2 for 35c). **OFFER 121A55**—One pkt. each of above for \$1.00.

1 ONOSMA—rdkt(3). Nodding bugles of flowers in arching sprays. ALBO-ROSEUM—Rosedrop. It opens white, deepening to rose. 8 seeds for 25c. TAURICUM—Gold-drop. Many narrow bells in waxen lemon gold. Pkt. 20c.

1 OSTROWSKYA MAGNIFICA —bdltkt(3)60. Spectacular Campanula-cousin from Turkestan with flowers like 6-inch salver bells in azure-suffused ivory. Fully hardy if given good drainage and full sun. It is the nature of the seeds to be somewhat slow and irregular in germinating. 10 seeds for 25c; 45 for \$1.00.

## \* THE SOUTHERN STAR



Blossoms that are inch-wide stars in many-flowered sprays. The coloring, a most unusual blue of silver-veiled, pastel quality seems to have been painted on each petal. The plants grow to some fifteen inches, the stems arching so that the constellations of blue blossoms face upward. It is OXYETAUM CAERULEUM (or Tweedia) *illustrated opposite*. Seeds sown in open ground in April produce plants that are in bloom before end of June, constant blossoming from then until toward end of October. Though easily handled as a summer garden Annual, it also makes a splendid, long-blooming pot plant. Pkt. 20c.

## ORCHIDS

We expect to have seeds of many Orchid species, both of the hardy native species and of the tender conservatory kinds, Cymbidiums, Vandas and the like. If interested, give us your name now, and we will quote on the kinds as they arrive. Prices per packet will range from 25c to \$1.00, according to kind and rarity.

## \* PANSY 1

TRIMARDEAU GIANT BEDDING—Excellent mixture of large-flowered Pansies for mass effects. Wide color range, blossoms well marked. Pkt. 15c; 3 pkts. for 40c.

MASTERPIECE RUFFLED—Flowers so heavily ruffled and crinkled that they sometimes appear double. Mostly rich, deep tones. Pkt. 20c; 3 pkts. for 50c.

SUPER-SWISS GIANTS—Flowers of very large size, on sturdy plants. Deep, rich shades, reds, salmon rose, purple velvets and the like with contrasting blotchings. Pkt. 40c; 1/32 oz. 60c; 1/8 oz. \$1.10; 1/4 oz. \$2.00.

TRIUMPHANT BLEND—Here, if you grow it well, you should reach ultimate in Pansy size, with widest range in Pansy colorings. Vigorous, robustly stemmed plants carry enormous, rounded blossoms with broad, thick petals. The colors are brilliant and varied, and there will be a proportion with contrasting markings. Here are Pansy aristocrats. Pkt. 50c; 1/32 oz. 85c; 1/8 oz. \$1.50.

OFFER 122A15—One pkt. each of the four for \$1.10.

The plowman looks always ahead.

7 PASSIFLORA INCARNATA—ekt. Hardy Passion-flower. Quick-growing herbaceous vine with big, oddly formed, fringed, flowers of much beauty, whit., with soft blue. Edible egg-shaped fruits. May be trained as a vine, or simply allowed to ramble about at will as a bank or ground cover. Winter-hardy at Philadelphia. Pkt. 15c; 1/8 oz. 25c.

1 GARDEN PEONIES FINE MIXED—yt. Seeds saved from named sorts of the herbaceous Garden Peony. Color range includes pink, rose, carmine, crimson, cream, white. Single to fully double. Technically each seedling is a new variety, and some of them may be worth naming and introducing. Pkt. 15c; 1/8 oz. 25c; 1/4 oz. 40c.

1 PAEONIA—Rare botanical species in Treasure Chest.

## 4 PANCRATIUM 3

Easy bulbs that carry clusters of wax-white fragrant flowers during the summer months. Usually grown in the garden, bulbs stored in dry sand in cool cellar in winter, but they may also be handled as pot bulbs. CANARIENSIS—24 inches. Big umbels of 6 to 10 snowy flowers. 8 seeds for 25c. MARITIMUM—14 inches. Umbels of 2 to 6 pure white flowers, slightly different in form from those of the last. *Illustrated page 34*. Pkt. 15c; 3 pkts. for 40c.

## \* GAY ANNUAL POPPIES

Showered with bright hues of the Land of Oz, the annual Poppies will make your garden, any garden anywhere, into a Place of Enchantment, almost by the wave of the hand, and that quite literally if the hand scatters Poppy seeds. SWEET BRIAR—Exquisite rose pink, flowers loosely double. Pkt. 10c; 1/4 oz. 25c. SHIRLEY SINGLE MIXED—The original Shirley in dainty tones of blush, salmon, apricot, terra cotta, cherry and the like, often edged or shaded. Pkt. 10c; 1/4 oz. 20c; 1/2 oz. 30c. SHIRLEY DOUBLE MIXED—Like last in color range and silky petalage but here the flowers are double. Pkt. 10c; 1/4 oz. 25c. AMERICAN LEGION—Selection of the Flanders Poppy. Brilliant scarlet, white cross at base. Will naturalize. Pkt. 10c; 1/4 oz. 20c; 1 oz. 50c. OFFER 123A15—One pkt. each of above for 35c.

## 1 POPPY PERENNIAL

For brilliant, easy color, plant PAPAVER, the Poppy, in its hardy perennial form. 'x' culture. ALPINUM—(8)8. Rock garden daintiness, petals fringed, in white, yellow, orange near-scarlets. Everblooming. Pkt. 20c. ORIENTAL HYBRIDS—(2)36. Most gorgeous of hardy Poppies. Giant flowers in effulgent orange scarlet, with proportion of soft salmons, pinks, rose, crimson, mahogany and rarely white. They bloom at Iris time. Sow much of them. Pkt. 15c; 1/8 oz. 30c; 1/4 oz. 50c. PILOSUM—(8)30. The Olympian Poppy. Loose blossom-showers of apricot-orange all summer long. Pkt. 15c; 1/8 oz. 25c. PILOSUM DOUBLE FLOWERED—A particularly fine Poppy long-lived, yet blooming first year. Flowers largely fully double but sometimes semi-double, bright salmon-orange. Everblooming. Pkt. 20c; 1/8 oz. 40c; 1/4 oz. 75c. MONANTHUM—(2)18. Caucasian species with solitary flowers of cinnabar red. Pkt. 15c. OREOPHILUM—(2)16. This hardy wide-clumped mountain species carries big flowers of golden salmon. Pkt. 20c. PAUCIFOLIATUM—(2)12. Armenian species in orange scarlet. Pkt. 15c. LATERITIUM—(2)20. Another, very different, Armenian. Large clear salmon flowers that remain open all day. Long-lived. Pkt. 15c; 1/8 oz. 35c. OFFER 124A55—One pkt. each of the above for \$1.15.

THE ICELAND POPPIES—A variably colored, easy and showy class of Poppies, Papaver nudicaule, *illustrated on page 2* as Beauty of Belvedere. They are likely to give considerable bloom first year. COONARA PINK—Delightful pink tones, from blush to rose. Pkt. 15c; 1/8 oz. 35c. CROCEUM—Tawny orange. Exceptionally large and vigorous. Pkt. 15c. CARDINALE—It really is red, vividly so. Pkt. 20c. EMPRESS—Very large blossoms of salmon rose, petals crinkled. Pkt. 20c; 3 for 50c. SCARLET SUPREME—We haven't grown this yet, but the New Zealand introducer states that it comes 100% true, giving flowers in an unusual and startling tone of brilliant scarlet. Pkt. 25c. ICELAND PEERLESS BLEND—All of the above, along with the Imperial Jewel and Belvedere strains; just about as fine a blend of Iceland Poppies as it is possible to make up. Pkt. 15c; 1/8 oz. 30c; 1/4 oz. 50c.

PAPAVER INCLUSIVE BLEND—All of our hardy perennial Poppies in one mixture. Pkt. 15c; 1/8 oz. 35c.

November days of blue crystal skies set with clipped white cloud, brown oakleaf winging over green willow sway, clatter of pheasant and scurry of rabbit, shining red rose-fruit and burnt-orange of bittersweet, fragrance of wood smoke—and of memory; hope and planning for the years that will come.

2 PAROCHETUS COMMUNIS—w. Daintily trailing pot plant with miniature clover foliage and little pea-flowers in a blue that hints of buff and pink. A delight. Pkt. 25c.

1 PATRINIA or GOLDEN VALERIAN—Attractive, perennials that cut well. 'x' culture. INTERMEDIA—20 inches. summer. Close corymbs of richest yellow. Desirable. Pkt. 15c; 1/8 oz. 30c. SCABIOSAEFOLIA—50 inches. In late summer come high, loose sprays of butter-yellow. Pkt. 15c.

1 PEROVSKIA —ebk(3)65. The pleasant Silver Sage is handled as an herbaceous perennial North, fully root-hardy, making rapid growth each spring, and blooming freely. ABROTANIFOLIA—Arching branches carry silvered, fern-like foliage. Deep violet flowers. Pkt. 25c. ATRIPLICIFOLIA—Afghanistan Sage. A most charming plant. The silveriness of the finely cut foliage merges into a snowy downiness. Flowers of lavender in a silver haze. Pkt. 25c.

2 PHILODENDRON CORDATUM—Graceful foliage pot plant, semi-trailer or low vine of glossy green. Will even grow in water-filled wall vases in positions that sun seldom reaches. Plants, each 35c; 3 for 85c.

**1 PHLOMIS PURPLE MIXED**—ebx(3)50. Purple flowers in whorl above whorl. A showy perennial, easy, long-lived. A mixture of several garden-similar species. Pkt. 15c; 1/8 oz. 25c. (Plants, each 35c).

**1 PHLOMIS VISCOSA**—16 inches. Big whorls of attractive flowers in soft yellow. Asiatic rock garden species. Plants only, each 50c.

\* **PENSTEMON ANNUAL GIANTS**—ebkt(2-4)35. The gorgeous flowers remind in form and in erratic, brilliant colorings of smaller Gloxinias. This strain, tender perennial, handles well as an annual if started early. Pkt. 20c.

## 1 THE HARDY PENSTEMONS

Mostly very showy perennials for border, rock garden, or cutting garden. "kt" culture. **ANGUSTIFOLIUS**—(1-2)12. Blooms early, in brilliant, shining blue. Pkt. 15c. **ANTIRRHINOIDES**—(3)72. Good yellow flowers. Started early, blooms first year. Requires protection, North. Pkt. 20c. **AUSTRALIS**—(2-3)30. Blossoms of silver-veiled pink-lavender. Pkt. 15c; 1/32 oz. 25c. **AZUREUS**—(2-3)36. Showy flowers, bright blue to violet. Pkt. 20c. **CENTRANTHOLIUS**—(3)35. Bright red blossoms of bugle shape. North, give sheltered position. Pkt. 20c. **COBAEA**—(3)28. Great sheafs of bloom. Blossoms of extraordinary size, soft lavender with purple markings. *Illustrated page 44*. Pkt. 15c; 1/8 oz. 25c. **COBAEA OZARK**—Size and habit of last, but flowers are a rich, dark royal purple. Pkt. 20c; 3 pkts. for 50c. **CONFERTUS BLUE**—(3)28. A particularly good and long-lived one. Showy clusters of rich blue carried well above the foliage. Pkt. 15c; 1/8 oz. 30c. (Plants, each 35c). **CRANDALLI**—(1)3. Big flowers of deep blue set about on flat foliage mats as though carelessly strewn there. Our dwarfest and earliest. Plants only, each 40c. **DIFFUSUS**—(3)15. Loosely clustered trumpets of blue-purple, or sometimes of white. Rather good. Pkt. 15c; 3 pkts. for 40c. **ERIANThERA**—(3)14. Very good low-growing species with violet purple flowers. Pkt. 15c. **GLABER BLUE**—(3)20. Big blossoms that vary through the brightest of blues, lilac, lavender, pink and rose. Foliage blue-glaucous. Pkt. 15c; 1/8 oz. 30c; 1/8 oz. 50c. **GRANDIFLORUS**—(3)40. Big trumpets, pure blue to orchid lavender in towering spires of serried clusters. Leaves blue-crispy, perfoliate. *Illustrated back cover*. Pkt. 15c; 1/8 oz. 35c. (Plants, each 35c). **GRANDIFLORUS PURE WHITE**—Pkt. 20c. **HETEROPHYLLUS**—(2-4)20. A particularly beautiful and garden-satisfactory species. Typically it has flowers with purple tubes that spread to lobes of brilliant blue, but it may vary to rose, and in height from 10 inches to five feet. Pkt. 15c; 1/8 oz. 35c; 1/8 oz. 60c; 1/4 oz. \$1.00. **LAEVIGATUS**—(2)28. Pretty flowers in silvery, roseate lavender. Pkt. 15c; 1/8 oz. 35c. **MENZIESI**—(2)6. Excellent rock garden sort with large flowers, violet to purple. Pkt. 25c. **MURRAYANUS**—(2-4)50. Towering panicles of radiant scarlet. Pkt. 20c. **NITIDUS**—(1-2)6. Splendid dwarf extra early. Flowers of most vivid blue. Rock garden delight, edgings, bedding. Pkt. 15c; 1/8 oz. 35c; 1/8 oz. 60c. **OVATUS**—(3-4)30. High-held, attractive blue-lavender clusters. In late fall the foliage becomes copper-crimson. Long-lived. Pkt. 15c; 1/8 oz. 30c. (Plants, each 35c). **PROCERUS**—(3)15. Clusters of blue-purple flowers above the foliage. Pkt. 15c. **RICHARDSONI**—(3)25. Bright red flowers, pinnatifid foliage. Distinct and good. Pkt. 20c; 3 pkts. for 50c. **RUPICOLA**—(2)7. Silvery-leaved evergreen tumbler, set with blossoms of rose to ruby. Pkt. 25c. **SECUNDIFLORUS**—(3)30. Exquisite blossoms in pastel tones of pink, lilac, mauve and blue. Splendid cut flower. *Illustration* of *P. speciosus* on *page 23* might fairly represent this form also. Pkt. 15c; 1/8 oz. 30c. **SPECTABILIS**—(3)40. Racemes of bugle-flowers in brilliant, glowing, deep rose. Pkt. 25c. **WILCOXI**—(3)40. Tall racemes of flowers in blue, varying to rose. Pkt. 15c. **OFFER 125A55**—One pkt. each of above offered in seed form, for \$4.00.

**PENSTEMON BLEND**—Those above, with others as good. See *Treasure Chest*. Pkt. 15c; 1/8 oz. 30c; 1/8 oz. 50c.

**PENSTEMON PINK BEAUTY**—40 inches. Airy sprays in pure shell pink. Delightful in border, or for cutting. Plants only, each 45c; 3 for \$1.20.

**PENSTEMON FIREBIRD**—35 inches. Graceful sprays of blossoms in vivid ruby-crimson. Easy and showy. Plants only, each for 45c; 3 for \$1.20.

### \* QUICK PHACELIA

Pretty Bluebells here, annual ones that come into bloom with remarkable speed. Quite large flowers in varying blues and purples, sometimes with white centers. This is a blend. ek(2)10. Pkt. 15c; 1/8 oz. 25c.

**2 PHYSOSTEGIA VIVID**—(2-3)30. Fine form of *Physostegia virginica* making many-stemmed growth to 30 inches. Close spikes of large flowers in brilliant pink. Long in bloom. Plants only, each 35c; 3 for \$1.00.

**9 PICEA PUNGENS GLAUCA**—k. Blue Spruce. Ornamental evergreen with foliage of frosty or metallic blue. Trees are pyramid-shaped. Saved from good blue forms. Pkt. 15c; 1/8 oz. 30c; 1/4 oz. 50c.

**1 PLATYCODON GRANDIFLORUM**—ecbx(3). Saucer-bells of flowers in blue, white, or white suffused or splashed blue. Easy and permanent. **PRAECOX GIGANTEA**—50 inches. An early blooming form with particularly large showy flowers, usually, but not always, blue. Pkt. 15c; 1/8 oz. 25c. (Plants, each 30c; 3 for 85c; 10 for \$2.50). **MARIESI**—Lower form with flowers often duplex, usually in blue, but sometimes white or suffused. Pkt. 15c; 3 for 40c. **MARIESI WHITE**—20 inches. Flowers usually pure white but with occasional variations. Pkt. 15c; 1/8 oz. 35c.



**2 PASITHEA COERULEA**—A Chilean beauty for pot culture. High sprays of flowers in deepest of blues, *see illustration opposite*. It blooms from late winter until late spring. Keep in night temperatures of 45 to 55 during winter for best bloom. Day temperatures may run somewhat higher, but finest blossoms come when grown cool. Keep well-watered in winter and spring, but on the dry side during summer. A showy plant, even the old, closed flowers retain their rich coloring. Plants, tuber-clusters, each 35c; 3 for \$1.00.

### \* PETUNIA DELIGHT

From early June days, right on through hot suns of summer, and far into autumn, the Petunias hold their display of garden color. **ULTRAMARINE**—Rich, clear blue. Pkt. 15c. **CREAM STAR**—Creamy white, yellow star in throat. Pkt. 20c. **SALMON SUPREME**—A lovely salmon pink. Pkt. 20c. **FLAMING VELVET**—Red-mahogany with luminous scarlet lustre. Pkt. 15c. **HEAVENLY BLUE**—Silvery blue-lavender. Pkt. 15c. **TWINKLES**—White stars over vivid rose. Pkt. 15c. **ROSE CELESTIAL IMPROVED**—Rich, pure rose throughout. Compact, long-blooming. Our highest recommendation. Pkt. 15c; 1/32 oz. 25c; 1/8 oz. 40c. **ALDERMAN**—Rich blue-purple, with darker velvety throat. Pkt. 15c. **ROSY MORN**—Most popular of all bedding Petunias. Clear rose with white throat. Pkt. 10c; 1/8 oz. 25c. **OFFER 128A15**—One pkt. each of above for \$1.15.

**PETUNIA DELIGHT BLEND**—The above, with many more, a blend unsurpassed in this Petunia section. Highest recommendation. Pkt. 15c; 1/8 oz. 35c; 1/8 oz. 60c.

**PETUNIA BALCONY BLEND**—The Balcony or Pendula varieties are semi-trailing, desirable for porch or window boxes, terraces, etc. Fine mixture. Pkt. 20c; 1/32 oz. 30c.

**PETUNIA PURPLE PRINCE**—Large flowered Balcony variety in rich blue-purple. Particularly good for window and porch box planting. Pkt. 20c; 1/32 oz. 35c.

### \* THE GIANT PETUNIAS

Valued both for garden planting, and for pot culture.

**FLUFFY RUFFLES**—Giant flowers so excessively frilled and ruffled that, although single, they appear double. Blossoms, to five-inch diameters, in full color range but richest in the desired salmon pink and rose shades, often with amber in throat. The well-branched plants average about 18 inch. Pkt. 30c; 3 pkts. for 85c.

**GIANT FRINGED DWARF**—Very like last in color range, fringing and form, but plants are shorter, more compact, so suited to use in edgings, low beds, window boxes or for pot culture. Pkt. 30c; 3 for 85c.

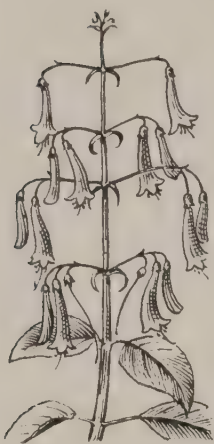
**DWARF-GIANT DOUBLE FRINGED**—An "all-double" strain with giant flowers wonderfully fringed and ruffled, and in richly harmonious color range. An occasional flower will be semi-double only. Pkt. 50c; 3 pkts. \$1.40.

**OFFER 129A15**—One pkt. each of the three for 95c.

## 1 POLYGONELLA AMERICANA

A very lovely flower, of full perennial winter hardiness at Philadelphia. Low masses of "Princess Pine" foliage. In early autumn come sprays of airy flowers until the whole seems a mound of fluffy new snow, but after a few weeks, as the nights grow cooler, the little lacy blossoms suffuse with blush. It cuts well. As beautiful as any *Astilbe*. crbkt(4)20. Pkt. 20c; 3 pkts. for 50c.

## 1 PHYGELIUS or CAPE FUCHSIA



Above glossy evergreen foliage rise uniquely fashioned blossom panicles. With some protection of straw Phygelius has wintered safely outside at Old Orchard for at least ten successive years. Also makes a good pot plant. *Illustrated opposite*. **AEQUALIS**—k(w)(4)30. Brilliant coral rose in close panicles. Pkt. 25c. **CAPENSIS**—Somewhat curved blossoms of glowing rose-scarlet. Exceedingly graceful. Pkt. 25c. Plants, each 75c.

### \* PHLOX ANNUAL

Flame bright summer-long, and as easy as ever an annual may be, are these gay Phlox-flowers. We grow our own Phlox seed, right here at Old Orchard.

**ANNUAL PHLOX BY COLOR**—Separate color strains can be supplied at uniform price of 15c the pkt. Pure White, Rose centered white, Blue Violet, Rose striped white, Cream primrose, Vivid scarlet, Salmon centered white, Shell Pink, Red centered white, Red to Crimson. **OFFER 130A15**—One pkt. each of the 10 for \$1.25.

**ANNUAL PHLOX BLENDS**—All these are good, and quite different from each other. **ART-GIANT BLEND**—Flowers in silver half-dollar sizes, trusses massive. Varied pastel harmonies, mostly with center eyes. Pkt. 15c;  $\frac{1}{8}$  oz. 35c;  $\frac{1}{4}$  oz. 60c. **STARRED AND FRINGED MIXED**—Petals oddly painted, slashed, fringed. The gayest Phlox, colors laid on in contrasting intricate patterns. Pkt. 15c;  $\frac{1}{8}$  oz. 40c. **GRANDIFLORA BEAUTIES MIXED**—Large flowers in wide trusses. This group has the most extensive range of colorings, and is the one most often planted. Pkt. 15c;  $\frac{1}{8}$  oz. 35c. **DWARF COMPACT MIXED**—6 inches. Plants wide, low, compact. Colorings particularly vivid. Edgings, bedding. Pkt. 15c.

## 1 PHLOX PERENNIAL

**ADSURGENS**—rstyt(2)8. Blossoms in exquisite blendings of soft pink and salmon rose. One of the lovelier rock garden perennials. Pkt. 25c; 3 pkts. 70c.

**BIFIDA**—(2)6. Excellent low species with large flowers, petals deeply cleft. Tones of mauve, lavender and blue, or sometimes white. Plants, mixed, each 35c; 3 for \$1.00.

**DIVARICATA**—rstyt(2)12. Wild Sweet William. In May, great spreads of blue and lavender. Pkt. 15c; 3 pkts. 40c. (Plants, each 35c; 3 for \$1.00; 10 for \$3.00.)

**NIVALIS**—This desirable, low, fine-foliaged Phlox species has everblooming tendencies. Height 3 to 6 inches. **CAMLA**—Pure, deep pink, foliage emerald green. Plants each 40c; 3 for \$1.10. **DAWN**—Low growing form with dense gray-green foliage. Flowers delicate appleblossom pink. Each 40c. **DIXIE BRILLIANT**—Big, showy flowers of vivid Cyclamen red. Long in bloom. Plants, each 40c; 3 for \$1.10.

**OVATA**—(3)16. Semi-decumbent dwarf with wide leaves of dark green, and flowers of bright red-violet. Plants only, each 35c; 3 for \$1.00.

**PANICULATA**—Here are the tall Phloxes of our summer garden, gay-hued, big-panicked. Heights range from 31 to 40 inches. Plants only at **UNIFORM PRICE** of each 35c; 3 of one kind for \$1.00; 10 of one kind for \$3.00. **LILLIAN**—Massive panicles of purest unstained pink. **EUROPE**—Blossoms pure white, centered carmine. **FIREBRAND**—Vivid orange scarlet. Large trusses. **PANTHEON**—Fine carmine pink. **CAROLINE VANDENBURG**—Finest "blue" Summer Phlox, a true blue-lavender. **LEO SCHLAGETER**—Brilliant red-scarlet. The brightest Phlox. **VON LASSBURG**—A free-flowering, unmarked pure white. **MORGENROOD**—A rich and rare wine-red. **OFFER 131A35**—One plant each of the eight, with names, for \$2.60.

**SUBULATA**—r(1-2)6. Here are spring pavements of bright blossoms over mossy foliage rugs. Plants only. **UNIFORM PRICE**, each 35c; 3 of one kind for \$1.00; 10 of one kind for \$3.00. **BLUE HILL**—Excellent lavender-blue. **MOERHEIMI**—Carmine rose. **SNOWY WHITE**—Unmarked white. **CRIMSON KING** (Atropurpurea)—Red, with hint of carmine purple, center crimson. **EMERALD CUSHION**—Large flowers of lively pink. Particularly good, dense, deep green foliage. **LILACINA**—Splendid ground cover, making wide foliage mounds. Medium-size blossoms in soft blue-lilac. **VIVID**—Brilliant, far-visible rose. Probably a nivalis, subulata hybrid. **OFFER 132A35**—One plant each of the 7, with names, for \$2.25.

\* **PORTULACA DOUBLE MIXED**—ex. Blossoms like little roses. Vivid scarlet, crimson, soft pink, white, buff and apricot, along with varied yellow and rose tones. Pkt. 15c;  $\frac{1}{8}$  oz. 40c;  $\frac{1}{4}$  oz. 75c.

\* **PORTULACA SINGLE MIXED**—ex. Big cup-flowers in full gorgeous color range of the doubles with certain additional pleasing tones. Pkt. 15c;  $\frac{1}{8}$  oz. 30c;  $\frac{1}{4}$  oz. 50c.

**1 POLYGONUM REYNOUITRIA**—rgkt(3-4)8. Newer rock garden, edging or carpeting perennial of high merit. The low, branching plants, red-stemmed greenery in summer, become burning crimson by early autumn. In September a laciness of pale pink flowers opens from buds of coppery rose. Pkt. 25c. (Plants, each 75c).

**7 POLYGONUM AUBERTI**—It is the Silver Lace Vine, showy, fully hardy, high-climbing. In autumn the graceful green draperies are overlaid with silvery white flower-sprays, lacy and fragrant. Plants only, each 60c.



**2 PLUMBAGO CAPENSIS**—ew. Clustered flowers, usually of brilliant azure blue, but at times of pale blue suffusion or of deep indigo. Rarely, white forms appear. A desirable pot plant, blooming long and freely. *Illustrated opposite*. Pkt. 25c; 3 pkts. for 70c. (Plants, each 40c; 3 for \$1.10).

\* **PROBOSCIDEA BLEND (Martynia)**—ex(3-4)20. Rather easy Annuals with richly hued Gloxinia-like flowers in pink-toned ivory, rich rose with coppery bars, or glossy yellow marked cinnabar. The weird devil-claw pods may be dried for winter decoration. *Illustrated page 20*. Pkt. 15c;  $\frac{1}{8}$  oz. 30c.

**1 PULMONARIA ANGUSTIFOLIA AZUREA**—7 inches. Called April Opals. Blossoms of purest gentian-blue open in opaline color sequence from rosy pink buds. Plants only, each 40c; 3 for \$1.10.

**1 PULMONARIA SACCHARATA**—9 inches. Flowers of a delightful silver-veiled rosy pink over white-spotted foliage. Plants only, each 45c; 3 for \$1.20.

## 1 POLEMONIUM or JACOB LADDER

Clustered flowers of decidedly a prettiness are carried by these satisfactory perennials, tolerant equally of sun and shade. **erbstkt. CAERULEUM**—20 inches. Upright sheafs, flower-topped in brightest blue. Pkt. 15c. **CARNEUM**—20 inches. Lovely bell-sprays, salmon pink to cherry rose. *Illustrated page 20*. **REPTANS**—12 inches. Early, and exceedingly floriferous, bushy, rounded plants mantled with china-blue blossoms. Pkt. 15c;  $\frac{1}{8}$  oz. 35c. **BOREALE ALBUM**—10 inches. Pure white. Pkt. 15c. **PAUCIFLORUM**—20 inches. Sprays of little flaring trumpets in a delightful honey amber, flushed with apricot, and sometimes with a hint of bronzing. Pkt. 25c.

## 1 POTENTILLA or CINQUEFOIL

Pleasant, long-enduring perennials that every garden needs. "kt" culture. **CREAM PRIMROSE**—(3)25. Flowers of soft, creamy yellow on upright, branching plants. Pkt. 15c. **GIBSON SCARLET**—(3)24. Bright but deep red, a vivid showing. Plants only, each 45c. **NITIDA**—(2-3)3. Flat silvery mats are set with blossoms that may be anywhere from palest blush suffusions to true, radiant rose. A very lovely rock garden plant. Pkt. 20c. **DELPHINENSIS**—(1)8. In early spring, profuse mounds of little golden orange "buttercups". Pkt. 15c. (Plants, each 35c). **NEPALENSIS**—(8)14. Open, fountain-like branchings, filled with blossoms in salmon, raspberry pink, rosy crimson. Pkt. 15c;  $\frac{1}{32}$  oz. 30c. (Plants, each 40c). **MEGALANTHA**—(2)7. Very large flowers of soft, pale yellow. Big, silvery leaves. Pkt. 25c. **THURBERI**—(3)18. Flowers of quite unusual coloring, deep, dark maroon at center, bright cherry at the petal edges. A splendid perennial that has our fullest recommendation. Pkt. 20c. **WHITE BEAUTY**—(3)16. Fountain sprays of purest snowy white. Foliage becomes bronze-maroon in autumn. Pkt. 15c;  $\frac{1}{8}$  oz. for 25c. (Plants, each 40c). **WARRENSI**—(3)20. Large flowers in massed brilliance of rich and shining gold. One of the better upright Potentillas. Pkt. 15c;  $\frac{1}{8}$  oz. 35c. (Plants, each 35c; 3 for \$1.00). **OFFER 133A55**—One pkt. each of the above as offered in seed form, for \$1.25.

**POTENTILLA PEERLESS BLEND**—Just the better kinds, a splendid color-wide blend. Pkt. 20c; 3 pkts. for 50c.

**POTENTILLA MASS-EFFECT BLEND**—Good mixture for mass effects. Runs heaviest to yellows, whites and creams, with just a modicum from the red range for accent. Pkt. 10c;  $\frac{1}{8}$  oz. 25c;  $\frac{1}{4}$  oz. 40c;  $\frac{1}{2}$  oz. 75c.

**5 PRINSEPIA SINENSIS**—kt72. Handsome, hardy Chinese shrub with bright yellow flowers in very early spring. Edible, juicy fruits, black-purple, cherry-like, of very pleasant flavor. Pkt. 20c.

**6 PROTEA CYNAROIDES**—w. Great, oddly formed flowers to 8 inches across, deep pink with crimson tips. Spectacular. Glass culture North. Large seeds, 6 for 25c.

**2 PUYA ALPESTRIS**—w. Dense pyramidal panicles of decorative flowers that may be metallic Irish green, or again pure azure with sheen of polished bronze, white below. North, grow as large pot or tub plant. Pkt. 20c.

**2 PYCNOSTACHYS URTICIFOLIA**—ew(6-7)30. Sapphire-flower. Large pot plant. Each branch ends in a dense, tapered spike of luminous blue-sapphire. Pkt. 25c.

**1 PYRETHRUM BRILLIANT**—Large flowers of most vivid red, almost double. Showy, long-lived border perennial. A fine cut flower. Plants only, each 55c; 3 for \$1.45.

**2 PYRETHRUM PTARMICAEFLORUM**—w. Canary Island species grown as a foliage pot plant. Finely fern-cut, white-silvered leaves. Small white flowers. Pkt. 20c.

**1 QUINCULA LOBATA**—ergk(2-3)8. Decumbent hardy perennial for rock garden, ground cover or bedding. Brilliant purple flowers with white centers. Pkt. 15c.

## 1 GARDEN OF PRIMROSES

To enrich your garden with Primroses, give them deep, moist soil, coolness, perhaps a bit of shade. Mulching between the plants with grass clippings or the like will help. "kt" culture. **AURICULA**—In early spring come fragrant flowers in rounded umbels. Colorings are bright and varied, usually with center eye. We have a fine strain, selection made at a nursery in Britain. Pkt. 20c; 1/64 oz. 40c. **BRISCOEI**—Tiers of high-held flowers in vivid red. Pkt. 15c; 1/8 oz. 40c. **BULLEYANA**—Fragrant flowers of red-orange. 18 inches. Pkt. 20c; 1/64 oz. 35c. **BULLESIANA** **HYBRIDS**—Crossings of Bulleyana and Beesiana. Amazing variability; orange to purple, with pink, cream, carmine and violet. Pkt. 20c; 1/64 oz. 40c. **BURMANICA**—Tier above tier of flowers in red-violet with orange eye. Pkt. 20c. **CORTUSOIDES**—Showy clusters of rose-colored blossoms. Adaptable. Pkt. 20c; 1/64 oz. 35c. **DENTICULATA**—In early spring, dense clusters, lilac to blue. Pkt. 20c. **FLORINDAE**—A tall and striking Primula from Tibet with sulphur-yellow flowers in big, terminal umbels. Pkt. 20c; 1/64 oz. 35c; 1/32 oz. 60c. **JAPONICA BLEND**—This Primula is both easy and beautiful. Towering sprays, white, rose, cherry, rose-scarlet, coppery, crimson. Pkt. 15c; 1/32 oz. 25c; 1/8 oz. 40c; 1/8 oz. 75c. **JULIAE WANDA**—This dainty, mat-forming creeper likes some shade and will suffer in drought unless watered. Richly colored blossoms, velvety purple with yellow eye. Plants only, each 45c; 3 for \$1.15. **POLYANTHUS SPLENDID MIXED**—Here are gorgeous colorings, along with full hardiness and adaptability, a Primula for everyman's garden. The large flowers in heavy, upfacing clusters show self hues and tone variations in cream, yellow, mahogany, rosy orange, crimson, violet often with lacings of gold. Pkt. 20c; 1/32 oz. 35c; 1/8 oz. 60c; 1/8 oz. \$1.10. **POLYANTHUS MUNSTEAD**—Giant flowers in shades and tones of yellow. Pkt. 20c. **POLYANTHUS BLUE SHADES**—Various shades and tones of blue, some bright, others deep and rich. Plants only, each 45c; 3 for \$1.10. **PULVERULENTA**—A showy garden Primula, flowers rose-purple to red. Pkt. 15c; 3 pkts. for 40c. **PULVERULENTA BARTLEY STRAIN**—Colorings range from blush, through pink and rose, to red, with white. Pkt. 20c; 1/32 oz. 40c. **ROSEA**—Great clusters of sparkling rosy carmine above glossy foliage. *Illustrated page 23*. Pkt. 20c; 3 pkts. for 50c. **SIEBOLDI**—8 inches. Handsome Japanese species with flowers in white, pink, rose, true red, purple. Fine mixture. Pkt. 20c. **VERIS YELLOW**—The lovable little Primrose of English meadows. Easy and good, even in our somewhat difficult and intense coastal plain climate. Pkt. 15c; 1/8 oz. 40c. Plants, each 30c; 3 for 85c. **OFFER 134A55**—One pkt. each of the above as offered in seeds for \$2.50.

**PRIMULA AVALON BLEND**—Widely inclusive blend of the better hardy Primulas, the above, with others. Pkt. 20c; 1/32 oz. 55c; 1/8 oz. \$1.00.

## 2 TENDER PRIMULAS

Here are kinds for pot culture, in sunny window or greenhouse. **MALACOIDES**—x. The Baby Primrose. Airy whorls of pretty flowers, mauve to heliotrope. Pkt. 20c. **OBCONICA GRANDIFLORA MIXED**—A profuse long-bloomer. Big flowers in big clusters. Widely color varied, rich in salmons, pinks, reds. Pkt. 25c.



**GERANIUM SANGUINEUM**



**IRIS DICHOTOMA**



**PENTSTEMON COBAEA**



**HELLEBORUS NIGER (CHRISTMAS ROSE)**



**TRADESCANTIA J. C. DE GUELIN**

**4 RANUNCULUS IMPERIAL**—rcbkt(w)20. (Ranunculus asiaticus). The semi-double to intensely double flowers can make a magnificent showing; straw to gold, orange, scarlet, crimson, with pink tones, and others ringed or petal-tipped contrastingly. Recommended for pot culture but can also be planted in garden in earliest spring, the tubers to be dug in late fall and winter-stored. Pkt. 20c; 3 pkts. for 50c. (Tubers, spring or fall, 4 for 25c; 18 for \$1.00.)

**2 REINWARDTIA TETRAGYNA**—w(5-7)20. Showy flowers of glossy yellow, in form of *Linum flavum*, but larger, better. One of the few yellow-flowered pot plants for winter blooming. South, may be grown outside. Pkt. 25c.

**3 RHEXIA VIRGINICA**—rbmkt(3)16. Blossoms of a glorious purple-carmine, with swinging golden anthers. Long blooming. Decorative in the seed and autumn-leaf stage. Fully hardy. Will grow in any good garden soil. Also grown as a pot plant. *Illustrated page 18*. Pkt. 15c; 1/8 oz. 30c.

## 5 RHODODENDRON

Rhododendron, the Rose Tree of Greece, needs no praising beyond sight of the beauty of it when in full glorious bloom. We would, though, emphasize the need of this family for acid soil, for by a large majority the members vote against lime. Sour where they grow by adding decaying oak leaves, rotten wood, peat, old sawdust, or that low-cost chemical, aluminum sulphate. "kt" culture. We offer here a splendid mixture, largely of hybrid forms, but including a bit of the seeds of several of the more desirable species, too. Pkt. 25c; 3 pkts. for 70c. (See **TREASURE CHEST** for separate Rhododendron species.)

One man may pull ten thousand, but ten thousand cannot always pull one man.

**\* RICINUS MIXED**—ebtx(9)100. Castor Bean or Palma Christi. Enormous leaves in varied, rich, deep tones. Tall annual for exotic decorative effects. Pkt. 10c; 1 oz. 25c.

**5 ROBINIA FERTILIS**—k. Rose Acacia. An easy and showy shrub with pinnate foliage and great pendulous racemes of handsome rose-colored flowers. Pkt. 15c; 1/4 oz. 25c.

**2 ROELLIA CILIATA**—w10. Upfacing bells, the bottom of each bell cream-white, then a circlet of blue-black, next a white ring, last of all a lavender edge. Pkt. 25c.

**4 ROHDEA SELECTIONS**—Ornamental foliage plants, showing wide differences in color, decorative markings and form. The collecting of the variations is said to be almost a horticultural cult in oriental lands. Rohdeas like plenty of moisture, and object to high temperatures. Seed will be available from a fine collection, late March and April delivery, but since supply is decidedly limited, early ordering is suggested. Orders will be filled in rotation according to date of receipt. Not less than 6 seeds sold, nor more than 12 to one customer. 6 seeds for 55c; 12 seeds for \$1.00.

**1 ROMNEYA COULTERI**—bdyt(4)60. Matilja Poppy. It can be spectacular. Blue-silvered foliage, big blossoms of silky white above, each centered with a golden tassel. Give well-drained position in full sun. Protect with mulching in winter. At Old Orchard we have specimens ten years old. Pkt. 20c.

**4 ROMULEA HARTUNGI**—w. From the Canaries comes this easy bulb for winter flowering in pots. Little Crocus-like blossoms of lavender, touched at center with buff and black. Pkt. 20c.

## 5 THE ROSES (Rosa)

Scant need to paint their beauty, though perhaps the merits of the charming Shrub-roses do need better knowing. All Roses are sure and easy enough from seed if given "y" culture. **XANTHINA NORMALIS**—75 inches. Chinese Shrub-rose, wreathed in soft lemon-yellow bloom. Pkt. 15c. **MARGINATA**—55 inches. Cup-shaped single flowers of purest pink. Good shrub. Pkt. 15c. **MOSCHATA FLORIBUNDA**—70 inches. Wreaths of pure white single flowers. Shrub of excellent form and habit. Pkt. 10c; ¼ oz. 25c. **RUBRIFOLIA**—60 inches. Foliage always rich red. Single flowers of deep rose with white centers. Pkt. 15c. **THE BURNET ROSE**—30 inches. Single blossoms in white, cream and primrose, sometimes tinted apricot. Hedges. Purple fruit. *Rosa spinosissima*. Pkt. 15c; ¼ oz. 30c. **SHRUB-ROSE BLEND**—The above, with many other as-desirable shrub sorts from the Treasure Chest. Pkt. 10c; ¼ oz. 25c; 1 oz. 75c.

**GARDEN-ROSE BLEND**—Seeds saved from named varieties of Hybrid Tea and Hybrid Perpetual classes. Fine color range. 8 seeds for 20c.

**THE BABY ROSE**—Multitudes of tiny blossoms in white and in the full range of pink and rose shades, from blush to near red, single to double. Quick from seed, even germinating well from spring sowings made before the soil warms up, and usually giving some bloom first year. Edgings, rock gardens, or as a window pot plant. Full hardiness. Pkt. 20c; 3 pkts. for 50c.

**HORTUS SECOND**—Bailey, 832 pages. Concise dictionary of gardening and authoritative botanical reference. Covers 18,000 species. Needed by every person who would grow in knowledge as their gardens grow. Easy to use, accurate, non-technical. \$12.00.

**1 ROSCOEA**—erstkt(1)8. Blossoms of graceful, crumpled loveliness. **CAUTLIODES**—Luminous citron yellow. Pkt. 25c. **HUMEANA**—Purple, with touch of yellow. Pkt. 25c.

\* **RUDBECKIA**—ecx(2-3)36. Showy flowers, easily grown as annuals. **HIRTA AVALON**—Big, single blossoms that vary from palest primrose, to golden orange, each flower zoned or suffused throughout with chocolate brown or red mahogany. Pkt. 15c. **TRILOBA**—Shining gold flowers with black-cone centers. Good. Will naturalize. Black-eyed Susan. Pkt. 15c; 3 pkts. for 40c. **KELVEDON STAR**—Large flowers, semi-double to double, each petal mahogany red below, golden yellow above. Pkt. 20c. **OFFER 135A15**—One pkt. each of the 3 for 40c.

**1 RUDBECKIA GOLDEN GLOW**—60 inches. Fine double-flowering form of *Rudbeckia laciniata* with golden yellow flowers. Hardy border or background. Plants, each 35c; 3 for \$1.00.



**1 RUELLIA CILIOSA**—\*erkt(2-4)15. Though it belongs to the Acanthus family, the blossoms remind of Petunias in silvered sky blue. Each day there is a new flower display. Long in bloom. *Illustrated opposite*. Pkt. 15c; ⅛ oz. 35c. (Plants, each 35c; 3 for \$1.00).

**1 RUELLIA STREPENS**—\*cbkt(3)28. Flowers of rich, deep purple, still in the Petunia form. Pkt. 15c. (Plants, each 40c).

**1 RUMEX VENOSUS**—ecrkt(2)15. The Silver Rumex is grown for the decorative seed-plumes, great, wide, loose spikes, filled with flakes of rose-flushed silver. Ornamental and interesting in any rock garden or border planting. Often cut and dried for winter bouquets. Pkt. 15c; 3 pkts. for 40c. (Plants, fragments of slender, tuberous roots, each 35c; 3 for \$1.00.)

## \*THE VELVET FLOWER

Wide, velvety trumpets, colorings of rich brocade, that's **SALPIGLOSSIS**. Gold veinings over soft blue, over cream, over violet, over scarlet or brown, all these along with straight self colorings in crimson, chamois, yellow, purple, black-maroon. As easy as Petunia. Fine blend. eck(3-4)30. Pkt. 15c; ½ oz. 35c.

**3 SANDERSONIA AURANTIACA**—eck(3-4)15. It comes from Mozambique this delightful relative of *Gloriosa*, with curl-pointed foliage and bell-blossoms of a golden, radiant orange. Blooms freely and long in the garden, tubers being dug and stored in autumn. Makes a splendid pot plant, too. Pkt. 20c. (Tubers, each 75c; 3 for \$2.00.)

**1 SANGUINARIA CANADENSIS**—rstyt(1)10. Blood-root. Delightful blossoms, pure white with golden centers. Blood-red sap of it was a warpaint of the Indians. Pkt. 15c; 3 pkts for 40c.

## \*SALVIA ANNUAL

And that means far more than Scarlet Sage. Explore.



**THE BABY SALVIA**—ex(8)16. An affair of charm is this rare Mexican species, **SALVIA MICROPHYLLA**, the dwarfiest and most compact of our Salvias. The plants are shaped like the upper half of an hour glass, the many, tightly gathered stems slowly flaring, but they are so thatched with tight imbrications of dark, olive green foliage that they seem all of one massiveness until the airiness of the flower racemes breaks forth. The buds are white-bracted, the bracts falling as the flowers open their carmine-suffused, coral rose loveliness. Very different from *Salvia splendens*, but of like handling to it, save that it gives bonus in not only fitting the open garden, but in also making a most satisfactory pot plant. *Illustrated opposite*. Pkt. 25c; 3 pkts for 70c.

**OTHER FINE SALVIAS**—These may all be grown as Annuals. **ARGENTEA**—rdk(9)6. Grown as an Annual for the decorative, silvery first-year rosettes, lovely beyond compare. Pkt. 20c. **CARDUACEA**—kt(2)18. Fringed and undulate skyblue blossoms in cushion prickly-whorls. Sow it early. Pkt. 20c. **COCCINEA**—ecbx(2-4)36. Easiest and quickest of red Salvias, the seed being sown right where the final effect is desired. It should be more grown. Long, slender, racemes of coral-tinged carmine. Pkt. 15c; ⅛ oz. 25c. **COLUMBARIÆ**—ek(2)12. Great numbers of little flowers in intense blue, calyces wine red. Fern-like gray-green foliage. Sow great drifts of it. Pkt. 15c. **SPLENDENS BONFIRE**—A particularly satisfactory true Scarlet Sage for general planting. Dense fire-red plumes for months. Pkt. 20c; ⅛ oz. 40c. **FARINACEA BLUE BEDDER**—eck(3-5)28. Flowers of wedgewood blue from white powdered bracts and foliage. Months of bloom. Pkt. 20c; 3 for 50c. **PATENS**—erw(3-5)25. One of the more beautiful, with large and attractive skyblue flowers. Pkt. 25c. **OFFER 136A15**—One pkt. each of above 8, including The Baby Salvia, for \$1.45.

## 1 SALVIAS PERENNIAL

Decorative hardy plants for border or rock garden. Mostly they are easy to handle, and of a long life. **VIRGATA**—(3)40. Near to everblooming, gay tangles of stem and blossom for months. Big, blue-violet flowers. Pkt. 15c; ⅛ oz. 35c. (Plants, each 35c). **PRATENSIS ROSEA**—(3)25. Richest rosy pink, a most attractive shade, are the wide, close plumes. Pkt. 15c; ⅛ oz. 30c; ½ oz. 50c. (Plants, each 35c; 3 for \$1.00). **PRATENSIS BLUE**—Like last in every way save that coloring is a deep and velvety indigo. Pkt. 15c; ⅛ oz. 30c. (Plants, each 35c). **JURISICI**—(2-5)9. Low rock garden species from Balkan mountains. Feathery emerald foliage; spikes of pretty violet flowers. Particularly long blooming season. Pkt. 15c; ⅛ oz. 35c. **VERTICILLATA**—(3-4)25. Spikes of filmy lavender, or sometimes white, flowers, sweetly aromatic. A pleasant perennial. Pkt. 15c. **PITCHERI** or *Azurea grandiflora*. (3-4)50. Big flowers of just the delightful brilliant blue of summer sky breaking through between white clouds. Pkt. 15c; ½ oz. 35c. (Plants, each 40c). **SCLAREA TURKESTANICA**—(3)40. Floral leaves of white to rosy violet. Flowers of lilac-suffused white. Monocarpic. Pkt. 15c. **VATICAN GARDENS VARIETY**—A splendid form with vividly colored floral leaves. Pkt. 25c. **OFFER 137A55**—One pkt. each of above for \$1.10.



**SALVIA HARDY BLEND**—Includes all above, with others. Pkt. 15c; ⅛ oz. 30c; ½ oz. 50c.



**1 SANTOLINA**—rbdkt(3)15. Desirable, fully hardy, low ornamentals with decorative, evergreen foliage. **CHAMAE-CYPARISSUS**—Dense mounds of silvered featherings. In June, flowers like golden buttons. Pkt. 15c; 1/32 oz. 30c. **VIRENS**—Mounds here of brilliant emerald, with creamy buttons of flowers. Pkt. 20c; 1/32 oz. 35c.

**1 SAPONARIA**—erx. Both easy and pretty. **OCYMOIDES**—8 inches. Spreading mounds of brightest rosy pink. Pkt. 15c. **CAESPITOSA**—5 inches. Large flowers of soft pink unfold from red buds. Pkt. 25c. **BELLIDIFOLIUS**—10 inches. Close, upright flowerheads of soft cream. Pkt. 15c.

**1 SAPONARIA DOUBLE BEAUTY**—A fully double-flowered form of *Officinalis*, blossoms pure white or softest blush. Long in bloom, showy in the garden, a wonderful cut flower. Plants only, divisions, each 35c; 3 for \$1.00.

## 1 SARRACENIA or PITCHER PLANT

Odd leaves that are really water-filled pitchers, elaborately veined with color. Above them bow flowers, usually richly tinted and in decorative form. The fantastic leaf-pitchers are actually cunningly devised insect traps, for the *Sarracenia*s are as carnivorous as we who look upon them. All the *Sarracenia*s make excellent pot plants, but *Flava* and *Purpurea*, at least, are of full winter garden hardiness. When grown indoors the pots should be filled with a mixture of sand with peat moss or leaf-mold; always kept well watered. Grown outside, the planting should be in a slight depression, two inches would be plenty, and when rains are too far apart, the depression should be filled with water from time to time. They will be happiest if natural soil is removed, and the space filled with the same mixture recommended for pots. In growing from seed, sow outside in late autumn or earliest spring, using tight containers without drainage, filled with sand, and peat or fine sphagnum. **FLAVA**—Great, pennant trailing flowers of clear lemon, 5 inches across. The pitchers are long, hooded trumpets, buff, veined red. *Illustrated above.* Pkt. 25c. (Plants, each 70c; 3 for \$2.00. Pitchers usually shriveled and damaged, unavoidable in shipping this plant, but new ones will quickly grow. Remember, it has scant roots by nature). **PURPUREA**—Wider pitchers deeply veined and shadowed red. Nodding flowers, madder purple to maroon. Pkt. 20c; 1/32 oz. 35c. **MINOR**—Evergreen, white-spotted trumpets, with tawny flowers. Pkt. 25c. **RUBRA**—Slender, evergreen pitchers. Crimson flowers with Violet fragrance. Pkt. 25c. **OFFER 138A55**—One pkt. each of the four for 85c. **SARRACENIA BLEND**—The four in mixture. Pkt. 20c; 1/32 oz. 35c; 1/8 oz. 60c; 1/4 oz. \$1.00.



## 1 SAXIFRAGA

The name shelters diversities, all delightful. Blossoms in white, cream, rose or crimson, exquisite in form and tinting; emerald moss-mats; crispy, crystal-beaded leaves. Splendid mixture, mossies, silvers, encrustates, *Bergenia*s and the rest. rkt. Pkt. 20c; 3 pkts. for 50c.

**1 SAXIFRAGA CORDIFOLIA**—20 inches. Rose pink flowers in showy clusters above rosettes of wide thick, crispy leaves that reflect glossy rosy tints that intensify in winter. *Bergenia*. Pkt. 30c. (Plants, each 50c; 3 for \$1.40.)

## \*SCABIOSA ANNUAL

Attractive, easy to grow, garden-decorative, desirable for cutting. "x" culture. **GIANT MIXED**—36 inches. Blossoms of largest size and fullest doubleness; Azure blue, sulphur yellow, maroon, coral, salmon, peach blossom pink, scarlet white. Pkt. 15c; 1/8 oz. 25c. **DWARF MIXED**—18 inches. The lower-growing replica of the last. Used for edgings or bedding. Pkt. 15c; 1/8 oz. 25c. **BLUE MOON**—32 inches. Big densely double flowers in skyblue, all packed, ruffled petalage without pincushion effect. Pkt. 15c. **STELLATA**—18 inches. Pretty pale blue flowers, but grown chiefly for the decorative star-set seed clusters that are used with straw flowers in winter bouquets. Pkt. 15c; 1/8 oz. 25c.

## 1 SCABIOSA PERENNIAL

The *Scabiosas* are all good cut flowers. Easy and decorative border perennials. **FISCHERI**—36 inches. Showy species from Mongolia and Manchuria. Big, fluffy flowers in intense indigo blue. Pkt. 15c; 1/8 oz. 25c. **WEBBIANA**—20 inches. Excellent, everblooming creamy white. Pkt. 15c; 1/8 oz. 35c. (Plants, each 35c). **LUCIDA**—20 inches. Fully double flowers in variations of lavender, mauve and lilac-pink. Pkt. 15c. **OCHROLEUCA**—40 inches. Softest creamy yellow. Vigorous. Pkt. 15c; 1/8 oz. 25c. (Plants, each 30c). **COLUMBARIA**—24 inches. Quite large, double flowers of clear blue-lavender, varying to mauve. Pkt. 15c. **TRINAE-FOLIA**—30 inches. Cream to straw, often with mauve suffusions. Flowers medium size, but in great numbers. Pkt. 15c. **CAUCASICA PEERLESS**—28 inches. Flowers of largest size, petals usually ruffled. Long stems. Range includes indigo, mauve, lavender, white. Everblooming. Pkt. 20c. (Plants, each 40c; 3 for \$1.10.) **OFFER 139A55**—One pkt. each of above for 95c.

**SCABIOSA PERENNIAL BLEND**—Above, with many others. Pkt. 15c; 1/8 oz. 25c; 1/8 oz. 40c; 1/4 oz. 75c.

## 1 SCUTELLARIA

The gay *Helmet-flowers*. "x" culture. **ALPINA**—10 inches. Blossom-mounds in blended violet, cream, rosy lavender. Pkt. 15c. (Plants, each 45c). **BAICALENSIS COELES-TINA**—16 inches. The dominant indigo blue of late Summer. One-side spikes of big helmet-flowers. Pkt. 15c; 3 pkts. for 40c. (Plants, each 45c). **CANESCENS**—25 inches. Particularly good. High inflorescence of silvery blue. Pkt. 20c. **OFFER 140A55**—One pkt. each of the 3 for 40c.

**2 SCUTELLARIA LONGIFOLIA**—w. Scarlet *Helmet-flower*. Flame-vivid. Fine everblooming pot plant. Pkt. 35c.

\* **SCHIZANTHUS BLENDED HYBRIDS**—erx(2)18. An amazing profusion of exquisite butterfly-blossoms in white, pink, carmine, lavender, often yellow marked. Pkt. 15c.

**2 SCHIZOSTYLIS COCCINEA**—Kaffir Lily. The blossoms, scarlet-toned crimson, show at *Chrysanthemum* time, many open at once. North, give position sheltered from cold winds, and a good winter mulching of straw or leaves; or the plants may be grown in the garden only in summer, being potted up at end of season and brought indoors for autumn and early winter bloom. Such plants may be put out in the garden in spring again. *Schizostylis* likes a bit of shade. It cuts. 24 inches. Plants only, spring delivery, each 45c; 3 for \$1.20; 10 for \$3.50.

**2 SCHLECHTENDALIA LUZULAEFOLIA**—ex. Rare Uruguay composite with Rush-like foliage and flowers like yellow *Centaureas*. Pkt. 25c.

**SENECIO**—kt. Five diversities, each good. **ARENARIUS**—10 inches. Annual *Cineraria*. Corymbs of daisy flowers in vivid violet. Pkt. 20c. **ADONIDIFOLIUS**—24 inches. Clusters of orange flowers above fine fern foliage. Hardy perennial. Pkt. 25c. **ELEGANS**—24 inches. Pretty Annual with rose to purple flowers. Pkt. 15c. **AUREUS**—24 inches. Close heads of shining golden flowers. Hardy perennial. Pkt. 15c. **PULCHER**—30 inches. Strikingly showy hardy perennial from Uruguay. In summer, large flowers of brilliant violet-purple with golden centers. Plants, each 75c; 3 for \$2.10.

## 1 SEDUMS SUCCULENT

A flagged terrace, a wall or stepping-stone planting, each of these needs the dainty, crevice-haunting charm of the smaller *Sedums*, and of course every rock garden should have them. The brittle foliage may come in softest of apple-greens, in frosty filigreeings, blue with silver dust, rosy tones, maroon shadings. They may be filmy earth clingers, springy cushions, rampant mounds, or taller clumps of fat-leaved stems. And in blossoms they run the scale of white, cream, lemon, orange, pink, rose, crimson. "kt" culture. Good mixture. Pkt. 20c.

**SEDUM PLANTS**—We offer two collections. **OFFER 141A35**—One plant each of 8 different *Sedums* the smaller kinds, for terrace or rock garden for \$1.50. **OFFER 142A35**—One plant each of the taller *Sedums*, suitable for the hardy border, for \$1.35.

## 1 THE SEMPERVIVUMS

Piled rosettes, compact, succulent, are built of thick, short leave that may be silvered, red-suffused, purple painted or entangled in filmy gossamer. Oddly thatched stalks carry decorative, starry flowerings in yellow, buff, or red-tawny. "kt" culture. Fine mixed. Pkt. 25c. (Plants, one each of six different, with names, for 90c. **OFFER 143A35**.)

1 SHASTA DAISY—see DAISY SHASTA

1 SHORTIA GALACIFOLIA—rast(1)7. Oconee Bells. Exquisite bells of pure white, or sometimes blush. Attractive foliage that becomes brilliantly red. One of rarer, lovelier low perennials. Needs soil somewhat acid, see notes on Rhododendron. Plants only, each 65c; 3 for \$1.80.

1 SIDALCEA BLEND—ebx(3)40. Spikes of pretty flowers in shades from pink to rose. Pkt. 15c.

## 1 THE BRIGHT SILENES

Brilliant color hidden here. ACAULIS—rk(2-3)4. Little moss-like cushions set with pink flowers. Pkt. 20c. CALIFORNICA—rk(2-3)12. Large flowers of flaming, velvety crimson. Pkt. 15c. FORTUNEI—erbx(8)20. Easy ever-bloomer with big rose-pink flowers, petals deeply slashed. China. Pkt. 15c. (Plants, each 30c; 3 for 85c). HOOKERI—rk(2)5. A rock garden super-treasure, *illustrated opposite*. Big, deeply slashed flowers of an almost unbelievable pink purity. Pkt. 25c. INGRAMI—Consider it a slightly larger Hookeri with blossoms of brilliant cherry. Pkt. 25c. MARITIMA—erx(2-5)5. Sea-campion. A desirable rock garden and edging perennial with pretty white flowers over gray foliage. Everbloomer. Pkt. 15c;  $\frac{1}{8}$  oz. 25c. REGIA—ebx(3)30. Royal Champion. Big flowers in bright, showy scarlet. Pkt. 15c. LACINIATA—bk(3)50. Nodding cardinal red blossoms. Well-grown, a striking tall perennial. Pkt. 20c. WHERRYI—erkt(2)8. Great cushions, thick and wide, of purest pink. Pkt. 15c;  $\frac{1}{8}$  oz. 35c. VIRGINICA—rbkt(1-3)18. Fire-pink. Fulminations of scarlet vividness. *Illustrated page 18* as Melandrium, an old name for it. Pkt. 20c. OFFER 145A55—One pkt. each of above for \$1.50. SILENE HARDY BLEND—All here, with other good ones. Pkt. 15c;  $\frac{1}{8}$  oz. 35c.



A half-hour when sun is low, garden beyond.

1 SISYRINCHIUM SPECIAL BLEND—\*erk(2-3). Satin Flower. Flowers of pale yellow, golden, light and dark blue, purple; upfacing, or inch-wide nodding bells; in loose umbels or close, upright, spike-like inflorescence; foliage grass-like, or in Iris widths. Pkt. 15c.

SOLANUMS ORNAMENTAL—x(w). All here may be grown as pot plants. INTEGRIFOLIUM—30 inches. Big, ornamental fruits of shining red. May be grown in summer garden, or as large pot plant. Pkt. 15c. SEAFORTHIANUM—Beautiful star-shaped blossoms of light blue. Herbaceous trailer, easy in pots. Pkt. 25c. CAPSICASTRUM NANUM—Jerusalem Cherry. Grown in pots for effect of showy red fruits. Pkt. 15c. WENDLANDI—Large cymes of lilac flowers. Showy. Tender vine for glass culture North. Pkt. 25c.

1 SOLIDAGO CILIOSA—erk(2)10. Fine dwarf rock garden plant, spring blooming. Many dense thyrses of golden yellow flowers. Pkt. 15c.

4 SPARAXIS BLEND—ek(w)(7-1)12. For easy winter blossoms in sunny window or greenhouse, try Sparaxis, one of the better South African bulb-flowers. *Illustrated page 34*. The big blossoms come in brilliant colorings, lavender, lilac, cream, yellow, salmon, scarlet, orange often contrastingly zoned. If well mulched will often winter in the garden. Pkt. 15c;  $\frac{1}{8}$  oz. 25c;  $\frac{1}{8}$  oz. 40c;  $\frac{1}{4}$  oz. 75c.

1 SPHAERALCEA MUNROANA—rbskt(3)20. Flame-copper blossoms over gray-silvered foliage. Pkt. 20c.

1 SPHAERALCEA RIVULARIS—ebkt(2-4)70. Cup-flowers in purest pink are carried in many candle-stick spikes over great mound-plants of richly green Maple foliage. *Illustrated opposite*. Spectacular perennial of long bloom and full hardiness. Pkt. 15c;  $\frac{1}{8}$  oz. 30c;  $\frac{1}{8}$  oz. 50c.

1 SPIREA PURPUREA—30 inches. Hardy perennial technically a Filipendula, with big and showy panicles of rose-crimson flowers. Not a shrub. Plants, each 50c; 3 for \$1.40.

1 STACHYS LANATA—efgbk(9)18. Foliage carpets in silky, silvery white. Tiny flowers peer from spikes like slender rolls

of white wool. Pkt. 15c. (Plants, each 35c; 3 for \$1.00.) See also Betonica.

1 STANLEYA PINNATA—ek(3)50. Spikes of airy golden yellow flowers. Rare. Pkt. 20c.



1 SPIGELIA MARILANDICA—rkt(3-4)16. Clustered, narrow trumpets of bright red expand above to buff and amber stars. Crowns increase in number each year, and old, many-stemmed plants of it give brilliant bloom effect. Fully hardy perennial. *Illustrated opposite*. Pkt 25c. (Single crown plants, 50c).

## 2 STAPELIA

Many thick stems, usually flanged, always succulent and leafless. Odd Starfish flowers often of extraordinary size, and in most bizarre of colorings. Interesting, easy pot plants. ew. *Illustrated next page*. Fine mixture. Pkt. 25c.

STAPELIA HIRSUTA—Many thick, upright, leafless stems of soft green, the edges flanged. Big 5-inch star flowers of brown-striped cream, fringed and centered with furry purple. 10 inches. Plants, each 40c.

STAPELIA VERRUCOSA PULCHRA—4 inches. Thick, irregular stems of dull green, shaded rosy brown. Flowers tawny yellow, with dashes of brown purple. Plants, each 35c.

\* STATICE ANNUAL BLEND—cbkt(2-4). Everlasting or Strawflower. Unexcelled blend, white, yellow and tones of rose, lavender and blue-violet. May be dried for use in winter bouquets. Sow early. Pkt. 15c;  $\frac{1}{8}$  oz. 25c;  $\frac{1}{4}$  oz. 40c.

1 STATICE HARDY PERENNIAL. See Limonium.

\* STAR OF TEXAS—eck(8)20. An easy, gay, long-blooming annual daisy, XANTHISMA TEXANUM. The blossoms are many-pointed stars of brightest polished gold, mostly petal, centers tiny. Xanthisma is in constant flowering for months, thriving in heat, sun, drought, an exceedingly showy plant. Fine cut flower. *Illustrated page 11*. Pkt. 15c;  $\frac{1}{8}$  oz. 30c;  $\frac{1}{4}$  oz. 50c.

1 STENOSIPHON LINIFOLIUS—Snow-toss. Crop failure.

2 STEPHANOTIS FLORIBUNDA—w. 8 seeds for 25c.

## \*THE FRAGRANT STOCKS

Massive spikes of flowers in white, coppery tones, varied blues, canary, soft pink, lavender golden rose blood red, mostly double, always perfumed. They cut. Sow early. Usually grown in garden, but can be handled as pot plants. DWARF TEN-WEEK MIXED—15 inches. Earliest. Good. Pkt. 10c; 3 for 25c. GIANT IMPERIAL MIXED—28 inches. Largest, most massive. Pkt. 15c; 3 for 40c.

1 STOKESIA LAEVIS—erbx(3)24. A beautiful flower, large blossoms like gigantic Corn-flowers, lavender, bright blue, purple, white or azure-suffused. Fine mixture. Pkt. 15c;  $\frac{1}{8}$  oz. 25c. (Plants, blue only, each 35c; 3 for \$1.00).

2 STREPTOCARPUS BLEND—x. Cape Primrose. A handsome, long-blooming pot plant. Blossoms in lilac, blue, mauve, violet and near-crimson. *Illustration page 23*, shows interesting single-leaf form. Pkt. 30c.

2 STREPTOSOLEN JAMESONI—w. Clustered blossoms in Browallia reminder, but larger, and in a tone of brilliant orange. Makes a fine, big pot plant. *Illustrated opposite*. Pkt. 20c. (Plants, each 40c).

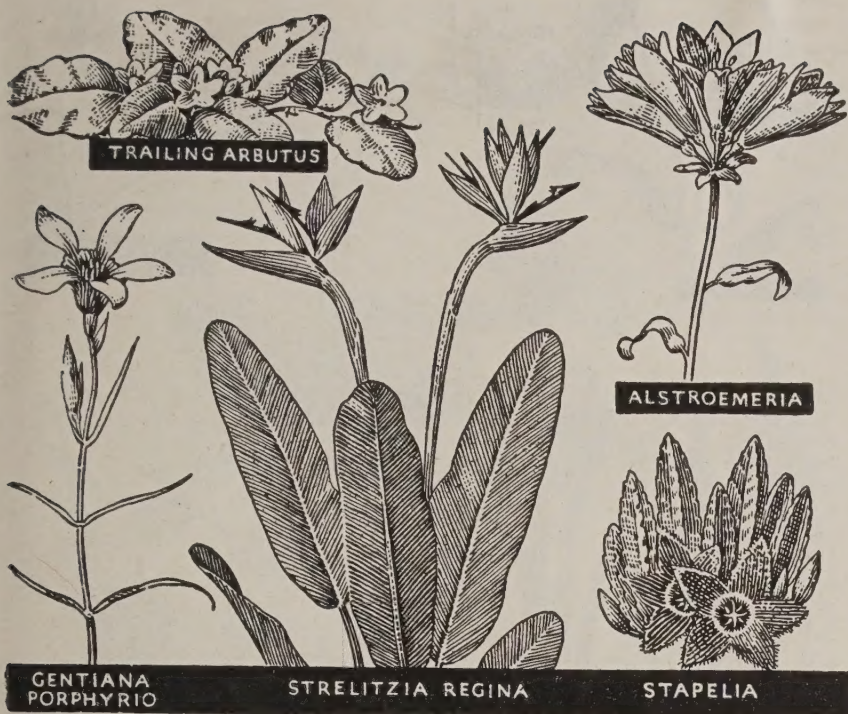
1 STYLLOPHORUM DIPHYLLUM—erbstkt(2)18. Poppy-like flowers that seem of golden, shimmering satin, make a long, delightful showing. Pkt. 15c;  $\frac{1}{32}$  oz. 30c.



2 SUCCULENTS TENDER MIXED—w. Pot plant species with succulent leaves or stems. Includes interesting and unusual kinds. Being a diverse mixture, seeds will vary widely in size and appearance. Better sift out the fine-as-dust ones from the larger and sow separately, since they need less covering. Pkt. 20c.

## 2 HOUSE PLANT SURPRISE 6

Delightful amazement here. Seeds of perhaps a hundred different kinds of ornamentals suitable for pot culture have gone into this blend, many of them unusual. Better separate the coarse seeds from the fine, since the latter will need less covering. Also remember that some kinds will germinate much quicker than will others. Sold only in extra-size packets at 25c each; 3 for 70c.



**2 STRELITZIA REGINAE**—w. Bird of Paradise. Great, oddly poised blue-and-gold flowers, *illustrated above*. Not hard from seed, given needed patience, and the plants are of easy culture once they get a start, tolerant even of neglect. Give pot in which seed is sown, some heat from below. Large seeds, 3 for 40c; 8 for \$1.00; 25 for \$2.25.

\* **SUNFLOWERS ANNUAL**—They are splendid cut-flower material. **DWARF DOUBLE**—Shaggy golden "Chrysanthemums". Pkt. 10c. **RED SUNFLOWER**—Chestnut to maroon. Tall. Pkt. 10c. **ITALIAN WHITE**—Pure white to pale cream. Pkt. 10c; 1/8 oz. 25c. **GERBERIA-TONED**—Soft pastels, rose, apricot, coral, chestnut. Pkt. 15c; 1/8 oz. 25c. **OFFER 146A15**—One pkt. each of the four for 40c.

\* **SUTERA COERULEA**—eirk(8)10. A profusion of little star-flowers in soft lavender blue for many months from this pretty South African ever-bloomer. Bushy, fine-leaved plants of high value for edgings. Pkt. 15c.

**1 SWEET WILLIAM**—ebx(2)20. Dianthus barbatus. Amazing bright coloring and marking variation. **NEWPORT PINK**—Clear salmon pink. Pkt. 15c. **PURE WHITE**—needed for contrast. Pkt. 15c. **CRIMSON BEAUTY**—A rich shade of crimson. Pkt. 15c. **PEERLESS SINGLE MIXED**—The most popular blend. Pkt. 10c; 1/8 oz. 20c. **DOUBLE MIXED**—Wonderful color range. Pkt. 10c; 1/8 oz. 25c. **OFFER 148A55**—One pkt. each of the five for 50c.

### \* SWEET PEA FRAGRANCE

Nothing else will quite replace the Sweet Peas. They are the most delightful of annual flowers. A garden without them is a garden without savor. True, you must take a bit of pains with them; Marigolds are more fool-proof in the growing, and so are Radishes, but who would prefer either to Sweet Peas. All there is to it is to get the seed in the ground early, first possible spring moment. In drought, give them a hose-soaking now and then. If you can, mulch about them with grass clippings, leaves or straw to give the cool root-run that delights them. **FRILLED GIANT BLEND**—The Orchid-flowered or Giant Spencer Sweet Peas in about every possible hue or tone, but with careful balance of desirabilities. Pkt. 10c; 1/2 oz. 25c; 1 oz. 40c; 1/4 lb. \$1.50. **EARLY SPENCER MIXED**—Early blooming, for first garden show, or for forcing. Big, waved flowers in full color range. Pkt. 15c; 1/2 oz. 30c; 1 oz. 50c; 1/4 lb. \$1.75. **CUPID SPENCER MIXED**—Dwarf trailers to 9 inches, support not needed. Fine mixture. Full sun. Pkt. 15c; 1/2 oz. 30c; 1 oz. 50c.

### 5 SHOWY FRENCH LILACS

Great trusses of fragrant blossoms in white, pink, rose, blue, violet, purple, crimson, single to most intense double-ness. Lilacs (Syringas) are easy from seed sown outside in latest autumn or earliest spring often giving bloom by third year. This seed, saved from our fine Old Orchard collection, should give rare beauties. Pkt. 20c; 1/8 oz. 35c; 1/4 oz. 60c; 1/4 oz. \$1.00. (See **TREASURE CHEST** for seeds of separate Lilac species.)

**3 CHERRY SUNBRIGHT**—\*erkt(8)15. For display of summer-long blossoming in luminous cherry-rose in your rock garden or other sunny place, use **TALINUM CALYGINUM**, the Cherry Sunbright. The vivid flowers are carried on near-invisible stems above attractive, succulent foliage. Winter-hardy. *Illustrated page 9*. Pkt. 20c; 3 pkts. for 50c. (Tubers, each 20c; 3 for 50c.)

**1 THALICTRUM**—bkt(3)50. Good border perennials with Aquilegia-like foliage. **DIPTEROCARPUM**—Purple tassel flowers. Pkt. 15c. **GLAUCUM**—Dense heads of fluffy yellow. Silvery foliage. Pkt. 15c. **AIRY TYPES MIXED**—Blend of several species of like effect, mostly with Maiden-hair Fern foliage and airy panicles of yellow tassel flowers. Pkt. 15c.

**1 THERMOPSIS CAROLINIANA**—ecbkt(2-3)60. Richest golden yellow terminal spikes, long and massive. Pkt. 15c; 1/8 oz. 35c; 1/4 oz. 60c. (Plants, each 45c.)

\* **TORENIA FOURNIERI**—erk(4-5)12. Velvety blossoms, blue purple, touched gold. Beds, borders, pots. Pkt. 15c.

**TRILLIUM BLEND**—ryst(1). The Trinity Lilies are the delight of shady places. Three-petal blossoms in white, blush, rose, red, plum, purple even lemon-buff. *Illustrated page 9*. Mixed species. Pkt. 15c; 1/8 oz. 35c; 1/4 oz. 60c. (Separate species in **TREASURE CHEST**).

**1 TRITOMA PEERLESS HYBRIDS**—ecbkt(3-4)65. Kniphofia or Redhot Poker. Noble torch-spires in blendings of scarlet, coral, buff, glowing gold and rich orange. Pkt. 15c; 1/8 oz. 30c. (Plants, divisions, mixed, each 40c; 3 for \$1.10).

**1 TRITOMA MIRABILIS STRAIN**—\*ecbkt(2-3)36. In this Kniphofia strain the blooming season is earlier, starting in late spring, and the spikes are somewhat more slender. Fine color range. Pkt. 15c; 3 pkts. 40c.

### \*TAHOKA DAISY

It is the best of the Blue Daisies for all-summer bloom, mid-June until November. Big blossoms of pure blue-lavender with little golden centers, flower stems of good length, cutting and lasting qualities excellent. The foliage is fine, fern-like. *Illustrated page 7*. Our introduction. **Machae-ranthera tanacetifolia**. eck(2-4)20. Pkt. 15c; 1/8 oz. 25c; 1/4 oz. 40c.

### 3 TIGRIDIA or SHELL-FLOWER

Brightly color-lighted shells of blossoms in white, blush, pink, rose, canary orange, lilac rich reds, with many a contrasting blending, splashing and suffusion. Tigridias are bulbs for the summer garden blooming continually, vividly, early and late. They are easy enough to grow from seed. Sowings made in very early spring will sometimes give a few blossoms first season. In autumn the bulbs should be dug and stored over winter in a dry, frostproof place. *Illustrated page 49*. Splendid mixture. Pkt. 20c; 1/8 oz. 40c; 1/8 oz. 75c; 1/4 oz. \$1.40; 1 oz. \$4.25. (Bulbs, spring delivery, 3 for 40c; 9 for \$1.00; 25 for \$2.50; 100 for \$9.50).

**TIGRIDIA NAMED VARIETIES**—Following named varieties can be supplied in seed form at uniform price of 25c the pkt. **Alba-rosea**; **Aurea**; **Grandiflora Red**; **Lutea Immaculata**; **Giant Rose**; **Violacea**; **Watkinsoni**. **OFFER 149A25**—One pkt. each of the 7 for \$1.60.

### \*TITHONIA AVALON EARLIEST

The big, long-stemmed blossoms range from orange topaz to those with burnished over-sheen of scarlet flame. Sowings of it will give green walls set with living fire. Earliest strain, direct open ground sowings usually giving some blossoms by late June, and in continuous freedom from then until after black autumn freezes. *Illustrated page 7*. Pkt. 15c; 1/8 oz. 30c; 1/2 oz. 50c.

### 1 TRADESCANTIA BEAUTY

Spendthrifts of bloom are the Tradescantias, spreading their prodigal flowering over many weeks, in some sorts over many months. Colorings include all below. *Illustrated page 44*. "kt" culture. A blend. Pkt. 15c; 1/8 oz. 30c; 1/4 oz. 50c.

**TRADESCANTIA VARIETIES**—We offer good plants of the better named Tradescantias. **KOBOLD**—6 inches. Tight clumps of pretty rose pink. Each 40c. **SUMMER SNOW**—22 inches. Everblooming snow white with blue anthers. Each 40c. **PAULINE**—22 inches. Delightful rosy mauve. Each 45c. **PURPLE DOME**—18 inches. Dome clusters of richest deep purple. Each 45c. **RUBY**—Brilliant rosy red, leaves silvery. Each 40c. **IRIS PRITCHARD**—18 inches. White, suffused azure. Each 45c. **J. C. WEGUELIN**—18 inches. Everblooming sky blue. Each 40c. **APPLE BLOSSOM**—12 inches. Softest pink. Each 50c. **OFFER 150A35**—One plant each of the 8 with names, for \$3.10.

1 **TRAILING ARBUTUS**—rstakt. Perfumed pink-and-white blossoms over evergreen foliage. *Epigaea repens*. *Illustrated page 48*. Difficult but possible. Pkt. 25c.

4 **TRITONIA BLEND**—ew(7)12. Sprays of salmon, pink, rose, orange, flame scarlet. Winter bulb for Freesia handling. Pkt. 15c;  $\frac{1}{8}$  oz. 30c;  $\frac{1}{8}$  oz. 50c.

2 **TROLLIUS**—bkt(2-3). The Globe-buttercups are among the showier summer perennials. Water in drought. Mulch about the roots with grass clippings, straw or leaves. **ALBIFLORUS**—18 inches. White blossoms. Interesting. Pkt. 20c. **CHINENSIS**—35 inches. Big, spreading flowers with as many as 20 petals in brilliant yellow. Pkt. 15c. **LEDEBOURI**—27 inches. Widely opened flowers of burnished orange gold. A good one. Pkt. 15c;  $\frac{1}{8}$  oz. 40c;  $\frac{1}{8}$  oz. 75c.

2 **TULBAGHIA VIOLACEA**—k(w)(8)25. Clusters of starry flowers like miniature *Agapanthus* blossoms in melting pink-lilac. Called "Pink *Agapanthus*." A splendid house plant, long in bloom. Pkt. 25c. (Plants, each 45c).

1 **TUNICA SAXIFRAGA**—\*erx(8)6. Little single pink flowers all summer. Easy, delightful rock garden plant. Pkt. 15c;  $\frac{1}{8}$  oz. 30c. (Plants, each 30c; 3 for 85c).

1 **TUNICA ROSE DOUBLE**—In this dainty rock garden exquisite, the deep pink blossoms are fully double, like midget roses. 6 inches. Plants only, each 45c, 3 for \$1.20.

1 **VERBASCUM BLEND**—ebx(3). Tall spikes of showy flowers in white, cream, and varied shades from primrose to orange gold, and there will be purple and violet, or sometimes rose. Foliage usually decorative. *Illustrated page 20*. Pkt. 15c; 3 pkts. for 40c.

### 3 THE PERFUMED TUBEROSE

Easy summer-blooming bulbs with richly fragrant blossoms that might have been carved from white wax. Splendid cut flower of simple garden culture. Store the bulbs in dry, frost-proof place in winter. **EARLY MEXICAN**—35 inches. The earliest to bloom. Lovely snow-white flowers with perfume of orange blossoms. *Illustrated page 2*. 3 for 25c; 10 for 70c; 25 for \$1.50. **SPECIOSA**—50 inches. High spikes of sweetly scented, single, white blossoms, petals thick, crispy. Each green rosette leaf is edged with white. 3 for 25c; 10 for 70c; 25 for \$1.50. **DOUBLE PEARL**—30 inches. Flowers fully double and pure white, except in warm weather when they may become blush-suffused. 3 for 35c; 10 for \$1.00.

### \*MONARCH DAISY

Great daisies, to four inch diameters, with double rows of petals in color-tones so varied that scarce two flowers will be alike; melting pastels in cream, primrose, buff, lemon, orange, usually with irregular zoning of brown, blue or black. Ever-blooming. Foliage sparkling, decorative. They cut well. Sow early in full sun. These are hybrids of *VENIDIUM FASTUOSUM*. Pkt. 15c; 3 pkts. for 40c.

### \*GIANT-FLOWERED VERBENA

Great trusses of brilliant blossoms, continuous color for months. A bright edger, and naught gayer for bedding, ground cover or for porch box planting. A good cut flower. Full sun. We offer a carefully balanced mixture, salmon, pale pink, rich rose, vivid red, scarlet, cardinal, white lavender, varied brilliant blues. Pkt. 15c;  $\frac{1}{8}$  oz. 30c;  $\frac{1}{8}$  oz. 50c.

**VERBENA BLUE SENTINEL**—Upright, to 10 inches. Wide trusses of royal blue. Pkt. 15c.

**VERBENA FIREBALL**—6 inches. Brightest scarlet. Dwarf and compact. Edgings or beds. Pkt. 15c.

### \*THE LESS USUAL VERBENAS

A garden that does not have these five ever-blooming treasures, has failed of its fullest charm. **TOBATY**—36 inches. A spectacular race of *Bonariensis* from Paraguay. Big flat clusters of soft blue blossoming top the many high, branching stems. Very long blooming season. A fine thing. *Illustrated page 3*. Pkt. 20c;  $\frac{1}{32}$  oz. 50c. **BIPINNATIFIDA**—15 inches. Big, flattened blossom clusters in sun-reflecting blue-lavender mantle in summer-long profusion the mounds of twice-pinnate fern foliage. *Illustrated page 2*. Pkt. 15c;  $\frac{1}{8}$  oz. 25c;  $\frac{1}{8}$  oz. 40c. **VENOSA LILACINA**—10 inches. Broad, compact clusters of softest lilac-lavender. Pretty ever-bloomer, desirable for edgings or bedding. Pkt. 15c;  $\frac{1}{8}$  oz. 25c. **TENUISECTA**—Fern-leaved, branch-rooting creeper, with rich purple flowers all season. Pkt. 10c. **TENUISECTA AVALON WHITE**—Like last, but pure white. Pkt. 15c. **OFFER 152A15**—One pkt. each of the five for 60c.



4 **VELTHEIMIA VIRIDIFOLIA**—w. Handsome winter bulb-flower. Undulate foliage, so decorative that it would be worth growing for this alone. In March come massive trusses of flowers, rosy pink, tinged buff. *Illustrated back cover*. Pkt. 20c;  $\frac{1}{8}$  oz. 40c;  $\frac{1}{8}$  oz. 75c.

4 **VERNONIA FLEXUOSA**—ew(5-7)15. Handsome, tuberous-rooted pot plant species from Uruguay. Sprays of vivid blue-violet flowers in effect of full doubleness, open from white-tasseled buds. Pkt. 30c.

\* **VINCA ROSEA MIXED**—ecx(8)18. Periwinkle. Lovely waxen flowers in white, pink, rose. For garden growing, or makes a good pot plant. Pkt. 10c;  $\frac{1}{8}$  oz. 20c.

\* **WALLFLOWER EARLY DOUBLE MIXED**—eokt. Rich colorings here, blendings of red, mahogany, gold, canary, ruddy browns. Intensely fragrant. If grown as an annual, sow very early. Otherwise handle as biennial, giving some winter protection. Pkt. 15c.

3 **WATSONIA MIXED**—ecbk. Trumpet flowers carried in *Gladiolus*-like spikes. Fine color range. General *Gladiolus* handling, but some of the species here are evergreen, and so in the North, must be wintered under glass in pots. Pkt. 15c;  $\frac{1}{8}$  oz. 30c.

1 **XEROPHYLLUM**—atcyt(2-3)50. Great lacy clusters of myriad fragrant ivory stars are carried on stately shafts. Can supply either **TENAX** or **ASPHODELOIDES** at 20c the pkt.

\* **XERANTHEMUM MIXED**—eck(3)24. Pretty everlasting or strawflower. Blossoms of white, pink and rose in mixture. Pkt. 10c.

### 1 BLUE OF VERONICA

Desirable, deserving, rock garden and border perennials. "x" culture. **AUSTRIACA**—A dwarf form, to 8 inches. Sprays of rather large, bright blue flowers. Graceful, fern-like foliage. Plants only, each 35c; 3 for \$1.00. **ARMENA**—5 inches. Neat plants with individually large flowers of intense ultramarine. Would rank it one of the top dozen of all rock garden perennials. Plants only each 50c. **LATIFOLIA**—25 inches. A very good, long-blooming border species with indigo blue flowers in slender spires. Pkt. 15c. (Plants, each 40c). **INCANA**—15 inches. Mats of silvery gray foliage. Spikes of blue-purple above. Pkt. 15c. (Plants, each 40c). **SPICATA ALBA**—16 inches. Many spikes of pretty white flowers on branching plants. Pkt. 20c. **SPICATA CORYMBOSA**—9 inches. Dense foliage pancakes, set with many upright spikes in mid-blue. Pkt. 15c. (Plants, each 40c). **SPECIOSISSIMA**—16 inches. Particularly good. Deep blue, rich in effect. Exceedingly free-blooming. Name is horticultural. Plants only, each 45c. **RUPESTRIS ROSEA**—5 inches. Thick little mats, ends upturned in bright rosy pink flowering. Plants only, each 45c. **HOLOPHYLLA LITTORALIS**—One of the better Veronicas. Sturdy, foot-high plants with shining foliage carry many fat, upright spikes of rather large flowers in deep indigo. Pkt. 20c. (Plants, each 40c). **VERONICA BLEND**—Those in seed form above, with others. Pkt. 15c; 3 pkts. for 40c. **OFFER 153A35**—One plant each of the 7 so offered above, with names, for \$2.50.

## THE GAY VIOLAS

**PANSY VIOLETS**—The Violas of the catalogs, in Pansy resemblance, but plants hardier, with increased perennial tendencies. **BOSNIACA**—Flowers of a rosy mauve that is close to pink. Pkt. 20c. **LUTEA**—Usually clear lemon yellow. Pkt. 15c. **CALCARATA**—A long-blooming beauty from the Dolomite Alps. Royal indigo, varying to cream. Pkt. 25c. **CORNUTA MIXED**—The hardy Horned Pansy in varied colorings. Pkt. 15c;  $\frac{1}{8}$  oz. 40c. **ARKWRIGHT RUBY**—Ruby-crimson, shaded terra cotta. Pkt. 25c. **AVALANCHE**—Large flowered snowy white. Pkt. 25c. **APRICOT**—Apricot with orange tone. Pkt. 25c. **PANSY VIOLET SPECIAL**—Above, with others. Pkt. 20c;  $\frac{1}{8}$  oz. 50c.

**IMP VIOLETS**—Some call them Johnny-jump-ups. To be treated as Annuals. They are quaint flowers, like Pyxie Pansies. **THE BLACK IMP**—*Viola nigra*. Blossoms that might have been snipped from black velvet. Pkt. 15c; 3 pkts. for 40c. **IMP OF THE ROCKS**—*Viola saxatilis*. Diminutive Pansy charm from cliffs of Greece. Lemon, lavender, rosy lilac, or two-toned, honey gold melting into violet. Pkt. 20c.

**BUTTERFLY VIOLETS**—Long-lived perennials with flowers in the usual wild-violet form. "kt" culture. **ODORATA BLUE**—The fragrant English Violet. Pkt. 20c. **ODORATA SULFUREA**—A pretty little yellow-flowered form of the English Violet. Pkt. 30c. **ODORATA DOUBLE RUSSIAN**—Particularly hardy, doubleflowered variant of the Sweet English Violet. Blue-purple. Plants only, each 40c; 3 for \$1.10. **PRICEANA**—Confederate Violet. Pure white, with purple center and radiations. Pkt. 20c. (Plants, each 35c). **LABRADORICA**—Pretty little blue-lavender. Pkt. 15c. (Plants, each 30c). **PATRINI**—Chinese Violet. Large lavender flowers. Pkt. 20c. **SYLVESTRIS ROSEA**—Blossoms of bright rose. Pkt. 20c. (Plants, each 35c). **STRIATA**—Creamy white. Excellent carpeter. Pkt. 15c. **PEDATA**—Birdfoot Violet. Blue to purple, or sometimes bicolor, pale blue below, deep violet above. Pkt. 25c. (Plants, bicolor form, each 30c). **BUTTERFLY VIOLET BLEND**—Above, with others. Pkt. 15c;  $\frac{1}{8}$  oz. 40c.

## 1 THE YUCCA LILIES

Striking ornamentals of exotic appearance. ebkt. **GLAUCA**—Leaves like blue-dusted green bayonets, narrow, stiffly radiating. Will make an impenetrable hedge. Earliest blooming species, creamy flowers with suffusion of rose and elfin green. *Illustrated page 6*. Pkt. 10c;  $\frac{1}{4}$  oz. 30c. **CONCAVA**—Spoon-shaped leaves, narrower at the base. High panicles of decorative white blossoms. Pkt. 15c. **FLACCIDA**—A good one. Thread-hung leaf-swords. High panicles of flowers like inverted Waterlilies in creamy wax. Pkt. 10c;  $\frac{1}{4}$  oz. 30c. **GLORIOSA**—The Mound Lily. From rosettes of wide leaves rise stems that carry immense panicles of bloom, large bells of waxy white with hint of rosy suffusion. Usually blooms in spring, and again, other crowns, in September. Eventually develops a short, tree-like trunk, with branches. *Illustrated back cover*. Pkt. 15c;  $\frac{1}{8}$  oz. 35c. **BACCATA**—Banana Yucca. Rough, red-tinged leaves and big creamy flowers. Thick, edible fruits of rich Date flavor. Pkt. 15c;  $\frac{1}{8}$  oz. 25c. **OFFER 156A55**—One pkt. each of above for 60c. **YUCCA BLEND**—Above, with others. Pkt. 10c;  $\frac{1}{4}$  oz. 35c.

## 3 ZEPHYRANTHES or FAIRY LILY

The Zephyr Lilies are garden-easy. In autumn, dig, then store in a frost-proof place. **AJAX**—Usually lemon primrose, but sometimes creamy. Faint roseate flush. Pkt. 15c. (Bulbs, 3 for 35c; 10 for \$1.00). **AJAX WHITE SELECTIONS**—White to cream, often with blush suffusion. Bulbs only, 3 for 35c; 10 for \$1.00. **CARINATA**—Big, Lily-like flowers in glorious rosy pink from June to October. *Habranthus grandiflorus*. *Illustrated page 2*. Bulbs only, 3 for 35c; 10 for \$1.00. **CANDIDA**—The glossily white Crocus Lily. Rich foliage masses. *Illustrated page 21*. Bulbs, 3 for 35c; 10 for \$1.00. **CITRINA**—The Citron Lily. Deep lemon yellow, with rosy suffusions and coppery shadings. *Illustrated page 49*. Bulbs only, 3 for 40c; 8 for \$1.00. **ROBUSTA**—Big trumpets of melting shell pink from June to October. *Habranthus robustus*. Bulbs only, 3 for 40c. **ANDERSONI**—Rich, deep yellow with bronze and coppery tones. *Habranthus Andersoni*. Pkt. 20c; 3 pkts. for 50c. **VERECUNDA**—In late spring, big, upfacing flowercups of a waxy whiteness that ages to blush. A distinctive species. Bulbs, only, 3 for 50c. **ZEPHYRANTHES MIXED**—Seeds from wide range of forms and colorings. Pkt. 15c; 3 pkts. for 40c; 10 pkts. for \$1.15. **OFFER 157A25**—Three bulbs each of the 7 kinds so offered, with names, for \$2.50.

## \*THE GORGEOUS ZINNIAS

Remember they like full sun and warm soil. Desirable for cutting. **FANTASY BLEND**—30 inches. Shaggy, ray-like petals, twisted and interlaced. Pkt. 10c;  $\frac{1}{8}$  oz. 25c. **NAVAJO**—Flowers of medium size, built of many, slender, bicolored petals, base pink, yellow, orange, crimson, russet or lilac, the tips always white or creamy primrose. Pkt. 15c. **GIANT DAHLIA-FLOWERED MIXED**—Closely packed, solid blossoms often five inches across by two deep. Full color range. Pkt. 15c;  $\frac{1}{8}$  oz. 35c. **DAHLIA-FLOWERED FLAME**—Vivid flame scarlet. Pkt. 15c. **DAHLIA-FLOWERED DREAM**—Deep lavender, shaded Mallow-purple. Pkt. 15c. **DAHLIA-FLOWERED ORIOLE**—Golden orange, deepening to red-orange at center. Pkt. 15c. **CALIFORNIA GIANT MIXED**—The blossoms, built of loosely overlapping petals, may reach six inches diameter by an inch of thickness. Range of included colorings is wide, and brilliant. Pkt. 10c;  $\frac{1}{8}$  oz. 30c. **GIANT MISS WILMOTT**—Flowers of delightful soft pink. Pkt. 15c. **HALF-DWARF SALMON ROSE**—20 inches. Fully double. Much used for cutting. Pkt. 10c;  $\frac{1}{4}$  oz. 30c. **CUT-AND-COME-AGAIN**—Mixed. Like last but includes full Zinnia color scheme. Just right for cutting. Pkt. 10c;  $\frac{1}{4}$  oz. 30c. **RED RIDINGHOOD**—Miniature flowers, intensely double, fire red. 18 inches. Pkt. 10c;  $\frac{1}{8}$  oz. 25c. **LILLIPUT MIXED**—18 inches. Exquisite Pompons in full color range. Bedding, edging, cutting. Pkt. 10c;  $\frac{1}{8}$  oz. 25c. **LINEARIS**—10 inches. An exceedingly floriferous single, charming as an edger. Orange, striped soft yellow. Pkt. 15c. **ANGUSTIFOLIA AVALON**—15 inches. Mexican miniature. Starry flowers, semi-double to double, in rare and unusual color tones and applications; autumn brown, sulphur, orange, blood red, crimson, maroon. Pkt. 15c;  $\frac{1}{8}$  oz. 30c. **OFFER 160A15**—One pkt. each of the 14 Zinnias for \$1.50.

## KEY-LETTER EXPLANATION

- a—Requires acid soil.
- at—Prefers acidity.
- b—Suitable for the hardy border.
- bt—For backgrounds or screen plantings.
- c—The flowers cut well.
- d—Will grow in rather dry soils.
- e—Of easy culture for the beginner, *if key letter and other directions are followed.*
- f—Decorative foliage effects.
- g—Ground cover or carpeting plant.
- h—May be used as hedge.
- i—Useful for low edgings.
- j—Soak seed before sowing.
- k—Sow in early spring while soil is cool.
- kt—As in "k", but may also be sown in latest fall.
- l—Needs lime.
- lt—Tolerant of, or prefers, lime.
- m—Likes plenty of moisture, keep watered.
- mt—For bog garden, pool-edge or streamside.
- n—Effective for wild naturalizing.
- o—Fragrant or aromatic.
- p—For pavements, step-crevices or walls.
- r—Of value in rock garden.
- s—Prefers shade.
- st—Tolerant of either light shade or sun.
- u—May be used for windowbox, porch or urn.
- ut—Suitable for terrariums.
- w—Sow in heat, in sunny window, frame or conservatory.
- x—Sow in spring or summer, up to September. If sown in heat of summer, be sure seedbed is shaded.
- y—Sow in late autumn or even in early winter, in open ground beds or unheated frames, germination to take place in spring. These are seeds that need cold to start them, not heat. May usually be sown in early spring also, providing they have been stratified, or have received refrigerator treatment. Cultural folder sent with seeds, give directions for this.
- yt—Seeds so marked should be sown in late autumn or earliest spring in outdoor seedbeds. If sown too late in spring, they may lie dormant until following year.

NUMERALS IN PARENTHESIS indicate season and duration of bloom, as follows: (1) early spring, (2) late spring and early summer, (3) summer, (4) late summer and early autumn, (5) all autumn, (6) late autumn, (7) winter, (8) tends to be ever-blooming, (9) grown for fruit, form or foliage, rather than flowers. NUMERAL FOLLOWING PARENTHESIS indicates normal mature height in inches (or in feet if so specified), under good culture. A STAR (\*) after a name indicates a perennial that will bloom first year from early sowing.



PENTSTEMON  
GRANDIFLORUS



BRODIAEA  
GRANDIFLORA



TRITELEIA  
COERULEA



COLCHICUM  
AUTUMNALE



HYACINTHUS  
PLUMOSUS

## WILD FLOWER BLENDS

Most wild flowers, (there are exceptions), may be grown from seed with fair readiness. Directions are included in special cultural notes sent out with all seeds. Bear in mind that there is nothing about a flower being wild in a given area that makes it either easier or harder to grow than other flowers. All flowers are wild flowers in some part of the earth.

**WILD FLOWERS FOR SUN**—At least one hundred different and delightful wild flowers are in this mixture, but not, of course, in equal proportions. Here are Windflowers, Lychnis, certain Gentians, Monarda, Gay Feather, Buttercup, Shooting Star, Datura, Golden and Purple Asters, Petalostemon, False Indigo, Cassia, Lepachys, Black-eyed Susan, Sundrop, Lilies, Camassia, Bellflower, Penstemon, Flowering Cactus, Centaurea maculosa, Saponaria, Yucca, Wild Rose Dove Mullein, Tradescantia, several Violets, etc. Blossoms from spring until late in autumn are here. Particularly good for use in old fields, along roadsides and the like.  $\frac{1}{8}$  oz. 25c;  $\frac{1}{4}$  oz. 40c; 1 oz. \$1.35;  $\frac{1}{4}$  lb. \$5.00; 1 lb. \$18.00. ("x" culture).

**WILD FLOWERS FOR SHADE**—Woodland wild flowers bloom mostly in spring, a few kinds later. Here we have Trillium, Anemone, Wild Geranium, Violets, Jack-in-the-Pulpit, Claytonia, Hepatica, Winter-green, Smilacina, Erythronium, Bearberry, Polemonium, Bloodrot, Wild Bergamot, Mertensia, Wild Sweet William and the like. "yt" culture.  $\frac{1}{8}$  oz. 25c;  $\frac{1}{8}$  oz. 40c;  $\frac{1}{4}$  oz. 75c; 1 oz. \$2.60.

**WILD FLOWERS FOR DAMP SOIL**—Made up for moist meadows, streamsides, marsh borders and other damp places. In it are Sabatia, Rhexia, Lythrum, red and blue Lobelia, Sisyrinchium, Mimulus, Pink Asclepias, Meadow Lilies, Meadow Iris, Sida, Pink Mallow, certain Gentians, Sarcenia, Kostelezkyia, with many others. "kt" culture.  $\frac{1}{8}$  oz. 25c;  $\frac{1}{8}$  oz. 40c;  $\frac{1}{4}$  oz. 75c; 1 oz. \$2.60.

## THE FLOWER BROADCAST

For great spreads of long color in field or border, on hillside or rough waste land. It is a blend of vigorous, easily naturalized kinds, both perennials and annuals, that may have their seeds broadcast right where effect is desired. Even with minimum of soil preparation, there will usually be a fair showing, but the more the soil can be broken up and fined, whether by plow, harrow, fork or just rake scratching, the better will be eventual results. Surface should have some light raking and as much firming as possible after seed has been broadcast. It helps if undesirable weedy plants that might compete with young seedlings, are destroyed first. Species in this blend are mostly not wild flowers in usual sense, but instead kinds of gay color that establish readily and that have natural tendency to spread through their own self-sowings. Included are seeds of not less than 75 species, not in equal proportions, some quite well-known flowers, many others on the rare and distinctive side. Sunny places. For summer-long display year after year.  $\frac{1}{4}$  oz. 30c;  $\frac{1}{2}$  oz. 50c; 1 oz. 90c;  $\frac{1}{4}$  lb. \$3.25; 1 lb. \$12.00; 5 lb. \$57.00.



VELTHEIMIA



LEWISIA REDIVIVA



LIATRIS  
SCARIOSA

