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# Dependable Seeds" for 1934

VEGETABLE

SEED TRIALS LIBRARY BORTIONLINNEE 1934

Hunnemannia, Sunlite See Novelties, page 4.

# SEED STORE

1335 East Colorado St.

137 West Colorado St.

PASADENA, CALIFORNIA

All seeds and books sent postpaid; prices of roots and plants do not include postage. All prices subject to change without notice.

Directions and advice are part of our service. Call on us when you want to hire a gardener.

Ask for our special Sweet Pea Circular and our Bulb List, both ready in July.

# Flower Seed Planting Suggestions For Southern California

Sow in Spring

Sow in Fall

These in left columns

These in right columns

## FOR EDGINGS AND BORDERS

Ageratum Begonia Coleus Dianthus Gomphrena

AsterMarigold Nasturtium Phlox Petunia Zinnia

Alyssum Bellis Candytuft Dusty Miller Myosotis

Pansy Pyrethrum Shasta Daisy Cupid Peas Viola

Nemophila Dimorphotheca

#### **EVERLASTINGS**

Physalis Lunaria Gomphrena Statice Gypsophila paniculata

Grasses Acroclinium Helichrysum Rhoda **Xeran**themum Rhodanthe

#### FOR FOLIAGE EFFECT

Amaranthus Castor Bean Kochia Coleus

Acanthus Dusty Miller

Pyrethrum Grass Pinks

## FOR FRAGRANCE

Dianthus Sweet Sultan
Heliotrope Sweet William

Alyssum
Mathiola
Mignonet

Mignonette

Stock Sweet Pea Wallflower

#### FOR GROUND COVER

Nasturtium

Portulaca

Alyssum Verbena Nemophila Virginian Ste Leptosiphon Wild Flowers Brachycome

Linaria Virginian Stock

#### SHADE-ENDURING

Aquilegia Begonia Cineraria Coleus Campanula Foxglove

Heuchera Mimulus Primula Oenothera Rehmannia Vinca

Anemone Bellis Clarkia Collinsia Myosotis

Pansy Cyclamen Godetia Nemophila Browallia

#### FOR SUNNY ROCK GARDENS

Sow in Spring: Abronia, Anagallis, Arabis, Armeria, Aubrietia, Calandrinia Cerastium Helianthemum, Iberis, Leptosiphon, Lobelia, Nolana, Portulaca, Rockery perennials mixed, Sanvitalia, Tagetes signata, Verbena.

n Fall: Alyssum, Bellis, Campanula pusilla, Dianthus, Myosotis, Nemesia, Nemophila, Phacelia, Sedum, Virginian Stock. Sow in

# VINES

in Spring: Antigonon, Asparagus plumosus, Australian Pea Vine, Balloon Vine, Balsam Apple and Pear, Canary Bird Vine, Cardinal Climber, Coboea, Cypress Vine, Gourds, Hyacinth Bean, Japanese Hop, Kudzu Vine, Lathyrus latifolius, Mina lobata, Moon Vines, Morning Glories, Phaseolus or Snail Vine, Scarlet Runner, Wild Cucumber. Sow

Sow in Fall: Early Spencer Sweet Peas.

Should you not find the certain variety of seed you want in this catalog, ask us for it. We are in touch with the leading growers in this country and abroad, and can get for you kinds not in stock in from 3 to 30 days.

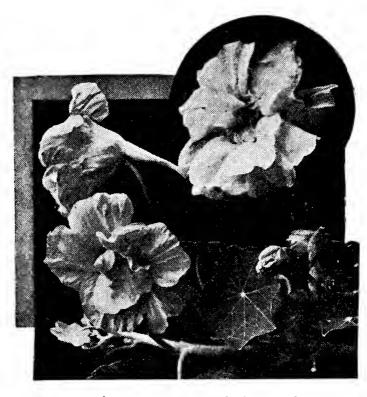
# **Novelties**

ASTER, Super Giant Los Angeles, is a greatly improved California Giant type, with enormous, fully-double, longand curly-petalled flowers on strong, tall stems; grows three feet high. Shell Pink, Pkt., 25c.



Calendula Chrysantha, or Sunshine

CALENDULA, Chrysantha or Sunshine, a strikingly different, long-stemmed cutting and garden flower, the petals of the large buttercup yellow blooms being wide and loosely-placed so that they greatly resemble chrysanthemums. Pkts., 15c.



Nasturtium, Double Golden Gleam

NASTURTIUM, Double Golden Gleam. Large, deep golden yellow, fragrant flowers, on long stems. The first noteworthy advance in this popular flower for years, it makes of the nasturtium a splendid cut flower. Pkts., 15c.



Annual Canterbury Bells

CANTERBURY BELL, New Annual, blooms in six months (seed sown in January blooms by June), plants two feet tall, with six to eight spikes of large, single bell-flowers, in light and dark blue, pink, rose and white. Mixed. Pkts., 25c.



Scabiosa-flowered Zinnias See page 31.

HUNNEMANNIA, Sunlite, is semi-double, the outer petals turning back from the more cupped center ones to make an attractive cut-flower of this hardy perennial "Mexican Tulip Poppy." The color is clear yellow. Pkts., 15c. See illustration on front cover.

PETUNIA, Pink Gem, is the first of a new race of miniature petunias growing 5 or 6 inches high, and covering themselves with large blooms. Pink Gem is deep pink; ideal for edgings, rockery, or window box. Pkts., 25c.



Guinea Gold Marigold

MARIGOLD, Guinea Gold. Large, loose-petalled orange flowers, resembling carnations, beautiful and lasting when cut; plants grow two feet high. Pkts., 15c.

Numerous other novelties are described in the body of als catalog. You will be well repaid by growing some or this catalog. all of the following:

ANTIRRHINUM, Majestic varieties, large-flowered. CHRYSANTHEMUM Mawii, new pink perennial. COREOPSIS Auricula, yellow, with red eye. GODETIA, Dwarf Double Azalea-flowered varieties. HELIOPHILA linearifolia, blue cutflower. HOLLYHOCK, Vert Dwarf Double; Mixed. LARKSPUR, Imperial Mixed, erect, long-stemmed. LILIUM Philippinense, best cutting lily. LINARIA Canon Want, neat pink hardy perennial. MARIGOLD, Monarch Strain Mixed, large-flowered. VENIDIUM fastuosum, orange-and-black daisy. VERBENA, Beauty of Oxford, large salmon pink. VERBENA, Royal Bouquet, erect, compact bushes. ZINNIA, Scabiosa-flowered. ZINNIA, Scabiosa-flowered.

# **FLOWERS**

The germinating period of all the most popular flower seeds has been compiled, and is included in the description of the varieties in this catalog usually abbreviated tion of thus: C Germ. per. 10 days.

ABRONIA umbellata (Sand Verbena).

Rosy lilac, verbena-like flowers; trailer for sunny rockery or window box; sow November to March. Pkt., 10c.

ABUTILON maximum (Flowering Maple.) Per.
Pink, yellow, and red, bell-shaped flowers in six months from seed; 3 feet; sow February and March; Mixed. Pkt., 10c.

ACANTHUS latifolius mollis. Per.
Green-foliaged decorative plant; lavender flowers; 3 feet; sow October to May. Pkt., 10c.

ACHILLEA ptarmica (The Pearl). Per.

Small double white flowers in clusters, for beds and bouquets; 2 feet; sow March to July. Germination period, 10 to 15 days. Pkt., 10c.

ACONITUM Napellus (Monk's Hood). Per.

Dark blue flowers in delphinium-like spikes; 3 to 5 feet tall; sow March to July. Germination period 6 months. Pkt., 10c.

ACROCLINIUM roseum.

Pink and white, double, everlasting flowers; bloom in 8 weeks; 1½ feet high; sow November to March. Germination period 12 days. Mixed. Pkt., 10c.

ADONIS Aestivalis (Pheasants Eye).

Deep crimson, darker-centered flowers; feathery foliage; 1 foot; sow October to January where they will remain. Pkt., 10c.

AGATHEA coelestis (Blue Daisy).

HEA coelestis (Blue Daisy). Per. Clear blue with yellow disk; 1 to 2 feet high; good border or low hedge; sow March to Aug. Pkt., 10c.

AGERATUM Mexicanum (Floss Flower).

Blue, feathery flowers in clusters; very long-blooming, all summer and fall; sow February to August. Germination period 5 to 10 days. Tall Mexican, 2 feet, for cutting; Blue Ball, 8 in., for borders. Pkts., 10c.

AGROSTEMMA coronaria (Rose Campion).

Blood red flowers, with silvery foliage; for beds or cutting; 2 feet; sow March to September. Germination period 8 to 10 days. Pkt., 10c.

ALONSOA Warscewiczii.

Bright scarlet flowers in racemes; dark green foliage; 1½ feet high; sow Feb. to April. Pkt., 10c.

ALSTROEMERIA (Peruvian Lily). Per.
Orange, streaked red; forms bulbous root; 2
feet high; sow September to June. Pkt., 20c.

ALYSSUM, Sweet

White, lilac, cream, fragrant heads of tiny flowers; fine for edgings, beds, or ground cover; sow any time. Germination period 5 to 8 days. Carpet of Snow, 3 in.; Lilac Queen, Little Gem, Cream Yellow, 6 in.; Maritimum, 1 foot. Pkts. 10c. White, lilac,

ALYSSUM saxatile compactum. Per.

Golden yellow, and Sulphureum, pale yellow; fine border; 1 foot; sow March to July for late spring blooming. Pkts., 10c.

**AMARANTHUS** 

Colored, showy foliage: Molten Fire, fiery crimson; Tricolor, green, scarlet and gold. Drooping red tassels: Caudatus (Love-Lies-Bleeding); 3 feet; sow March to June. Germ. per. 5 to 10 days. Pkts., 10c.

ANAGALLIS grandiflora.

Vivid blue, brick-red, lavender; for sunny rockeries, low beds, and borders; 8 inches; sow February to May. Blue, and Mixed. Pkts., 10c.

ANCHUSA capensis.

Bright blue, large, Forget-me-not-like flower sun; 2 feet; sow January to April. Pkts., 10c. flowers, in

ANCHUSA Italica grandiflora. Per.

Gentian-blue, large, Forget-me-not-like flowers;
Dropmore variety; 3 to 5 feet tall; sow March to
July. Germination period 30 days. Pkt., 10c.

ANEMONE coronaria (Wind Flower). Per.

Red, blue, lavender, pink, white, poppy-like flowers;
1 foot; sow July to November for bloom following spring. Germination period 20 to 60 days. French de Caen large, improved single strain Mixed; St. Brigid, double Mixed. Pkts., 10c.

ANTIGONON leptopus (Mexican Mountain Rose). Per.

Rose-pink flowers in clusters on tender vine, in late summer; makes quick growth each summer after second or third year; sow Nov. to June. Pkts., 15c.

ANTIRRHINUM (Snapdragon)

Rich colors in a wide range, with a long blooming season, make this one of the best bedding and cutting annuals; sow July to February. Germination period 8 to 12 days.

Maximum (largest-flowered; 2½ to 5 feed Appleblossom, light pink, white throat Canary Bird, light yellow Cattleya, light lavender Copper King, reddish copper Fire King, copper rose and yellow Garnet King, deep velvety red Golden Queen, yellow with lilac throat Gotelind, salmon and old rose Old Gold, orange and old rose Purple King to 5 feet):

Rose, pure rose pink Ruby, bright carmine red Snowflake, pure white Wallflower, deep bronze All Colors Mixed. Pkts., 15c.

Nanum grandiflorum (Medium; 1½ to 2 feet):
Amber Queen, yellow and pink
Black Prince, red foliage and flowers
Carmine Queen, rich carmine rose
Climax, rich orange, shaded gold
Empress doop yelvety red Empress, deep velvety red
Golden Monarch, large pure ye
Mauve Queen, mauve lavender
Nelrose, rich coral pink
Silver Pink, light pink
All Colors Mixed. Pkts., 10c.

Majestic (Maximum flowers; Medium height): Avalanche, giant white
Eldorado, deep golden yellow
Golden Dawn, buff and salmon
Orange King, orange and old rose
Red Chief, rich deep scarlet
Rose Beauty, pure rose pink
Rose Marie, deep rose with yellow center
Sunset, salmon and terra cotta
Twilight apricat shaded salmon Pkts 156 Twilight, apricot shaded salmon. Pkts., 15c.

Tom Thumb (for borders; 6 inches): All Colors Mixed. Pkts., 10c.

AQUILEGIA (Columbine). Per.

Yellow, pink, blue, orange, and red, large, airy flowers on graceful plants in spring and early summer; stand sun or partial shade; 2 to 3 feet; sown April to August will bloom next spring. Germination period 12 to 60 days. Chrysantha, yellow. Pkt., 10c.

Long-spurred varieties:

Blue shades
Orange and scarlet shades
Rose Queen, rose shades
Mrs. Scott Elliotts Imp. Mixed.

Hybrids Mixed. Pkts., 15c.



Brachycome or Swan River Daisy See page 9.

ARABIS Alpina (Rock Cress). Per.

White, fine flowers, forming blanket of bloom in spring in sun, on poor soil; 8 inches; sow January to May. Pkt., 10c.

ARCTOTIS

OTIS (African Daisies).

Large daisies on long stems, for cutting and beds;

Grandis, pale lilac; New Scapigera Hybrids, many
shades of yellow, orange, bronze, red, and lavender
fine in extra-dry sunny place; 2 feet; sow October to May. Pkts., 10c.

ARISTOLOCHIA (Dutchman's Pipe Vine). Per.
Purplish, curious flowers on rampant vine, with glossy, heart-shaped leaves; seed germinates slowly; sow December to March. Pkt., 10c.

ARMERIA maritima (Sea Pink; Thrift). Per.

Rose-pink flower-clusters above grassy foliage; for rockeries and borders; 6 to 10 inches; sow January to May. Pkts., 10c.

# ASPARAGUS. Per.

Sprengeri, for pots and hanging baskets; Plumosus nanus, feathery, fern-like foliage for bouquets. Sow March to September. Germination period 15 to 30 days. Pkts., 10c.

#### **ASTER**

One of the best summer bedding and cutting annuals; sow all varieties February to May; Single Rainbow as late as August. Germ. per. 5 to 10 days. Super Giant Los Angeles, new, greatly improved California Giant. (See novelties, page 3.)

Comet or Crego (large, curly-petalled; mediumlength stems; 2½ feet; the only double aster yet available in a full range of colors in the new Wilt-Resistant strains): Rose, Shell Pink, Light Blue, Purple, Crimson, White, and Mixed. Wilt-Resistant Strain. Pkts., 10c and 15c.

California Giants (long-stemmed, double, curly-petalled: 2½ feet): Rose, Peachblossom, Light Blue, Purple, White, and Mixed. Pkts., 15c.

Late Beauty (long-stemmed, double, incurve-petalled; 2½ feet): Rose, Peachblossom (flesh), September Beauty (shell pink), Light Blue, Purple, Crimson, White, and Mixed. Pkts., 10c.

Early Beauty (same as Late Beauty except blooming a few weeks sooner): Mixed. Pkt., 10c.

Heart of France, brilliant rich red, double; 2 feet. Wilt-Resistant strain. Pkt., 10c.

Giant California Sunshine, new large, single, anemone-centered: 2½ feet: Mixed. Pkt., 15c.

Giant California Sunshine, new large, single, anemone-centered;  $2\frac{1}{2}$  feet: Mixed. Pkt., 15c.



Rainbow Asters

Single Rainbow (very floriferous for bedding and cutting; 2 feet): Pink, Rose, Light Blue, Purple, Red, and Mixed. Wilt-Resistant strain. Pkts., 10c. Pompon Mixed (bushy plants with many small, double, quilled flowers; 15 inches): Pkt., 10c.

ASTER (Michaelmas Daisy). Per.

Blue, lavender, and pink single asters in clusters, for late Fall beds; 3 feet; sown February to April, bloom same year. Mixed. Pkt., 10c.

#### AUBRIETIA. Per.

Lavender, pink, and purple flowers, like perennial Virginian Stock, for sunny rockery or border; 6 inches; sow January to May; Deltoidea graeca, lavender-blue; large-flowering Hybrids Mixed. Pkts., 10c.

AUSTRALIAN PEA VINE (Dolichos lignosus). Per.

Rose-pink, small, pea-shaped flowers on rapid ever-green vine; sow November to March. Pkt., 10c.

BACHELOR'S BUTTON. (See Cornflower.)

BALLOON VINE (Cardiospermum).

White, small flowers; inflated seed-pods resemble balloons; rapid climber; sow March to May. Germination period 15 days. Pkt., 10c.

BALSAM (Lady's Slipper).

Pink, salmon, red, white, double, camellia-like flowers on bushy plants in sun or partial shade; 18 inches; sow March to May. Germination period 8 to 10 days. Mixed. Pkt. 10c.

BALSAM VINES (Momordica).

Yellow flowers on good foliage vines, with showy fruits; sow March to May. Germ. per. 30 days. Apple, scarlet fruit; Pear, orange fruit. Pkts., 10c.

BARTONIA (Mentzelia) (Blazing Star).

Golden yellow, large, with many stamens; Calif. native, for sun and dry soil; 2 feet; sow December to April. Pkts., 10c.



Fibrous-rooted Begonia, Prima Donna

BEGONIA. Per.

Useful bedding and pot plants, for full or partial shade; sow January to May; fibrous-rooted: Luminosa, scarlet, brown foliage; Prima Donna, rosepink, green foliage; Xmas Cheer, vivid red, green foliage; Bedding Queen, large bright pink; Semperflorens Mixed. Pkts., 15c. Tuberous-rooted: Single Mixed; Double Mixed. Pkts., 50c.

BELLIS perennis (English Daisy). Per.

Pink, red, and white, double flowers for edgings and low beds in sun or shade; 6 inches; sow November to April. Germ. per. 5 to 10 days. Monstrosa (large-flowered) sorts: Pink, Rose-Red, Etna, quilled red; White; Mixed. Single mixed, for naturalizing. Pkts., 10c.

BIDENS (Miniature Cosmos).

Golden yellow, star-like flowers, on compact bushes with finely-cut foliage;  $1\frac{1}{2}$  feet; sow February to Pkts., 15c. May.

BOLTONIA latisquama. Per.

Lilac-pink, aster-like flowers in clusters, through summer; 4 to 6 feet; sow January to June. Germ. per. 30 days. Pkt., 10c.

BRACHYCOME Iberidifolia (Swan River Daisy).

Blue, pink, and white flowers like small Cinerarias, for low winter and spring beds, ground-cover, and

cutting; 10 inches; sow November to April. Germination period 10 days. Blue, Pink, Mixed. Pkt., 10c. See illustration, page 7.

#### BROWALLIA elata.

Rich blue, star-shaped flowers in all seasons, and in sun or shade; 1 foot; sow any time. Germination period 5 to 10 days. Pkt., 10c.

#### CACALIA (Tassel Flower).

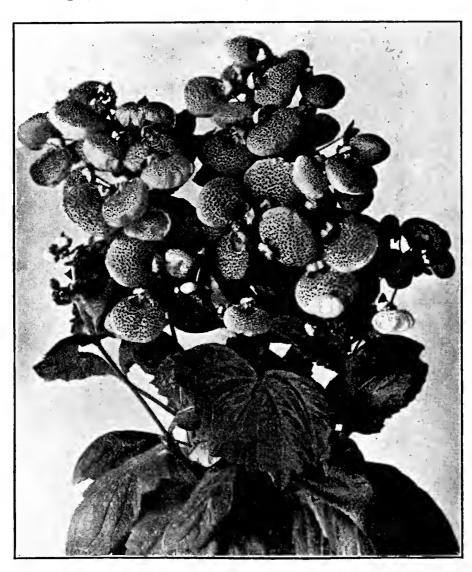
Red tassels on wiry stems for bouquets; 18 inches; sow February to June. Pkts., 10c.

#### CACTUS. Per.

Drought-resisting, more or less spiny, sow in small seed-pans any time. Mixture includes following sorts: Cereus (Column Cactus); Echinocactus (Hedgehog); Echinopsis (Tube-flowering); Mammillaria (Wart Cactus); Opuntia (Fig). All Kinds Mixed. Pkt., 15c.

#### CALANDRINIA umbellata.

Crimson-violet, small flowers on trailing plant for sunny summer rockery or ground-cover; 6 inches high; sow March to May. Pkt., 5c.



Calceolaria Hybrida Grandiflora

#### CALCEOLARIA. Per.

Yellow, orange, and red shades, purse-shaped, in clusters, for greenhouse or beds; Tender: Hybrida grandiflora, large-flowered. Pkt., 50c. Hardy: Racemosa hybrida, medium-sized flowers; Rugosa Mixed small, many-flowered. Pkts., 35c.

CALENDULA (Pot Marigold).

Orange, yellow, and cream, rather flat, double flowers, ideal for winter and spring beds; 1½ feet; sow July to March. Germ. per. 5 to 10 days. Ball's Gold, new golden yellow; Campfire, new, largest and deepest orange; Chrysantha or Sunshine, new, loose-petalled semi-double yellow (see illustration, page 3); Golden Beam, new quilled yellow Radio; Radio, quilled orange; The Ball, large orange; Orange King; Lemon Queen; Favorita, cream striped apricot; Nankeen, cream; Meteor, yellow striped orange; Pastel Shades Mixed; All Kinds Mixed. Pkts., 10c.

# CALIFORNIA POPPY. (See Eschscholtzia.)

#### CALLIOPSIS.

Yellow, yellow-and-red, and red daisy flowers for beds and cutting; sow March to July. Germ. per. 8 to 10 days. 1 foot: Radiata (Tiger Star), red; Dwarf Mixed. 3 feet; Golden Wave, yellow, red zone; Coronata maxima, yellow; Tall Mixed. Pkts., 5c.

CAMPANULA Medium (Canterbury Bells). Biennial.

Light and dark blue, pink, white, bell-shaped flowers the second year from seed (New Annual variety blooms first year; see Novelties, page ); 3 feet; sow September to March. Germ. per. 10 to 15 days. Calycanthema (double, cup-and-saucer): Rose-pink, Light Blue, Dark Blue, White, Mixed; Single (cup only) Mixed. Pkts., 10c.

#### CAMPANULA.

ANULA. Per. Varieties.
Blue, white, bell-shaped flowers; pusilla 6 in.; carpatica, 18 in.; persicifolia, 30 in.; pyramidalis, 3 to 5 feet; sow October to March. Pkts., 15c.

CANARY BIRD VINE (Tropaeolum Canariense).

Light yellow, bird-like, fringed flowers, on rapid vine; sow January to May. Germination period 10 days. Pkt., 10c.

#### CANDYTUFT.

White, pink, lavender, and red flower-heads on bushy plants for borders, beds, and cutting; 1 foot; sow November to June. Germ. per. 5 to 10 days. Umbellata varieties: Flesh Pink, Lavender, Rose Cardinal, Crimson, Purple, White, and Mixed; Giant Hyacinth-flowered fewer but larger flower-spikes, snowy-white. Pkts., 10c.

YTUFT. Per. (See Iberis.)

#### CANDYTUFT.

# CANNA. Per.

Vivid pinks, yellows, oranges and reds, useful for foliage and flower mass effect; flower first year from seed, which soak; 3 feet; sow January to May. Germination period 5 to 10 days. Crozy's Hybrids Mixed. Pkt., 15c.

#### CANTERBURY BELL. (See Campanula.)

CARDINAL CLIMBER (Ipomoea quamoclit).

Fiery red, tubular flowers, on rapid vine; sow February to May. Germination period 10 to 20 days. Pkt., 10c.

CARNATION (Dianthus Caryophyllus). Per.

Pink, rose, red, white, yellow; 1½ feet; sow November to April; Marguerite Mixed, blooms in 5 months from seed; Chabaud's Giant Pink, Scarlet, Yellow, White, and Mixed, bloom in 6 months from seed. Germination period 10 to 15 days. Pkts., 10c.

CASTOR OIL BEAN (Ricinus). Per.

Very rapid-growing foliage plant; sow January to April; Sanguineus (6 feet), green, red-veined leaves, red stalks and fruit; Zanzibariensis (12 feet), green and bronze leaves. Pkts., 10c.

#### CATANANCHE coerulea. Per.

Lavender-blue, cornflower-like, on long, slender stems for borders and cutting; sow March to August. Pkt., 10c.

CELOSIA (Cockscomb).

Crimson, rose, and yellow dense heads and plumes; sow February to May. Germ. per. 8 to 10 days. Cristata Dwarf (1 foot), Empress, crimson; Cristata Tall (3 feet) Crimson; Plumosa (Feathered Type, 2½ feet) Crimson; Pride of Castle Gould Mixed; Childsii (Chinese Woolflower, 2 feet) Mixed. Pkts., 10c.

CENTAUREA Imperialis (Sweet Sultan).

Pink, lavender, purple, white, and yellow fragrant flowers like large, soft thistles; 2½ feet; sow January to June; Amaranth Red, Purple, Lavender, Pink, and Mixed; Suaveolens, Yellow. Pkts., 10c.

CERASTIUM Biebersteinii (Snow in Summer). Per.
White flowers and silvery foliage for sunny edgings and rockery; 8 inches; sow January to June. Pkt.,

CHRYSANTHEMUM, Annual (Painted Daisies).

Yellow, white, pink, and red, large daisy cut-flowers; 2 feet; sow October to April. Germ. per. 8 to 10 days. Sultan, red with yellow zone; Gladstone, pink with red zone; Northern Star, white, yellow zone; Tricolor Mixed. Pkts., 10c.

CHRYSANTHEMUM. Per. (See also Shasta Daisy).

Mawii, new, with large rich pink flowers on low, silver-foliaged bushes, for borders and rockery; 1 foot; sow any time. Pkt., 15c.

CINERARIA hybrida.

Unusually rich colors, in the showiest early spring bedding plant for shade, and pots; sow April to August. Germ. per. 8 to 10 days. Grandiflora semidwarf (16 inches): Light Azure Blue; Royal Blue; Flesh Pink; Old Rose; Scarlet; French strain, Mixed; Howard & Smith's Prize strain, Mixed. Pkts., 50c. (Sep. Colors, 25c pkt.)
Multiflora nana, new dwarf (1 foot) type, with quantities of tiny flowers in all shades. Pkt., 25c. Polyantha stellata, many-star-flowered (2 to 3 feet), Mixed. Pkt., 25c.

Mixed. Pkt., 25c.

CLARKIA elegans.

Pink, rose, red, purple, and white double carnation-like flowers along spikes; 2 feet; sow November to April. Germ. per. 10 days. Firebrand new orangescarlet; Salmon Queen; All Colors Mixed. Pkts., 10c.

CLEOME pungens (Giant Spider Plant).

Rose-purple, curious flowers, with 6 long stamens, on spreading plant; 4 feet; sow January to April. Pkt., 10c.



Double Coreopsis

CLIANTHUS Dampieri (Glory Pea). Per.

Red flowers with black spots, on grey-leaved plant;
2 feet; sow January to April. Pkt., 15c.

COBOEA scandens (Cathedral Bells Vine). Per.

Violet-blue, or white, large, bell-shaped flowers on very rapid, deep-green-leaved vine; sow seeds on edge, December to April. Germ. per. 15 to 20 days. Purple, white. Pkt., 10c.

COLEUS. Per.

Ornamental foliage plant for pots or outdoors, with large, vari-colored, velvety leaves in partial or full shade; 1 to 2 feet; sow February to May. Germ. per. 10 to 15 days. Large-leaved Mixed; Rainbow Mixed; Fringed Mixed. Pkts., 25c.

COLLINSIA bicolor (Innocence).

Blue-and-white flowers in spikes; Calif. native, for sun or shade; 15 inches; sow November to April.

COLUMBINE. (See Aquilegia.)

CONVOLVULUS Mauritanicus. Per.

Lavender-blue, large flowers on trailing rockery perennial all spring and summer; 6 inches; sow July to November. Pkt., 15c.

COREOPSIS lanceolata grandiflora. Per.

Chrome yellow, large, glossy daisy flowers on long, graceful stems; 2 to 3 feet; seeds sown November to March bloom first season. Germ. per. 5 to 10 days. Single; Double; Auricula, with small red zone about center. Pkts., 10c. zone about center. Pkts., 10c.

CORNFLOWER (Centaurea cyanus) (Bachelor's Button).

Blue, rose, plum, and white flowers for beds and bouquets; sow January to June. Germ. per. 8 to 10 days. Double Blue, Double Mixed (3 feet); Depressa, dwarf blue, red center (1 foot). Pkts., 10c.

COSMOS.

Crimson, pink, and white daisy flowers, for show and cut with light green, feathery foliage; sow March to July. Germ. per. 8 to 10 days.

Early sorts (3 feet; bloom June-August):

Extra Early Single Mixed.

Extra Early Double Crested Mixed.

Late sorts (5 feet; bloom Sept. and October):

Single Pink, White, Crimson, and Mixed.

Double Crested Mixed.

Klondyke, orange.

Pkts., 10c, except double sorts, 15c.

CREPIS barbata (Hawkweed).

Bright rose, semi-double, star-like daisies to or bed; 18 inches; sow January to May. Pkt., Pkt., 10c.

CYCLAMEN persicum giganteum. Per.

Salmon, pink, rose, red, lavender, white "shooting-star" flowers with beautiful foliage, for pots or outdoors in shade; 1 foot; sow October to May, allowing 18 months to flower. Choice Mixed. 1c per seed. German, giant-flowered strain. 3c per seed. seed.

CYNOGLOSSUM amabile (Chinese Forget-Me-Not).

Pure blue, or pink, large forget-me-not-like flowers in sprays, good for cutting, and bedding in sun; 2 feet; sow January to April. Blue; Pink, new. Pkts., 10c.

CYNOGLOSSUM linifolium (Omphaloides).

White forget-me-not-like flowers, with silvery foliage, for ground-cover or border in winter and spring; 9 inches; sow October to March. Pkt., 10c.

CYPRESS VINE (Ipomoea quamoclit).

Red and white star-shaped flowers on quick, twining vine with feathery foliage; sow February to May. Germ. per. 10 to 20 days. Mixed. Pkt., 10c.

Great variety of colors and types, blooming profusely and forming tubers the first season; sow February to May. Germ. period 10 to 20 days.

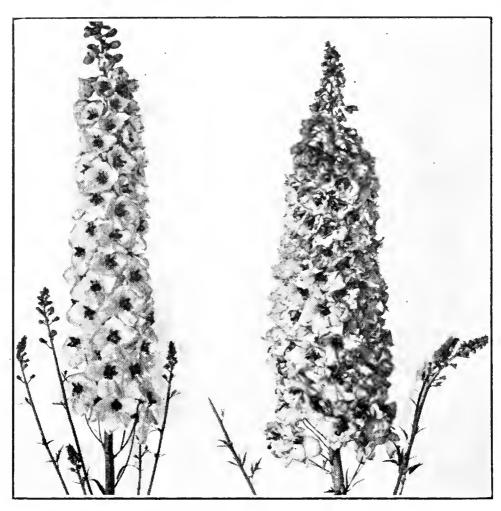
Campbell's Prize Mixed (from Cactus and Decorative, improved named sorts only). Pkt., 25c.

Unwin's Dwarf Hybrids (1½ feet, early-flowering, semi-double). Mixed. Pkt., 25c.

Collarette Mixed. Pkt., 10c. Pompon Mixed. Pkt., 15c. Collness Bedding Hybrids ( $1\frac{1}{2}$  feet; single). Pkt., 15c.

DATURA (Angel's Trumpet):

White, pink, yellow, and purple, large, showy flowers on handsome specimen plants, in bloom all summer; 3 feet; sow February to May. Germ. per. 15 to 20 days. Mixed. Pkt. 10c. bloom all



Campbell's Delphinium XXX Hybrid and Wrexham Types

#### DELPHINIUM. Per.

Splendid, stately, border and bedding plant, and cutting flower, seed sown August to November will bloom in spring, or sown December to March will bloom that summer. Germ. period 20 days. Cliveden Beauty (Imp. Belladonna), light blue.
Bellamosum, dark blue cutting variety.
Campbell's XXX Hybrids, with immense flowers in all shades of blue and lavender-blue.
Wrexham Hollyhock Strain Mixed, all shades.
Wrexham Art Shades, lavender-blues and mauves.
Cardinale, native scarlet larkspur.
Pkts., 15c, except Wrexhams, 25c.

DELPHINIUM Chinensis.

Dwarf annual, with flowers very similar to perennial sorts, for low beds and edging; 1 foot; sow December to April; Blue Butterfly Improved, ultramarine blue. Pkt., 10c.

DIANTHUS (Annual Pinks).

All shades of red and pink, from crimson to white;
1 foot; sow October to March. Germ. per. 5 to 10
days. Heddewigi laciniatus, Double Mixed, with
carnation-like flowers, variously mottled and with
fringed edges; Heddewigi, Single Salmon Queen,
Crimson Belle, and Mixed; Chinensis Double Mixed,
with flowers in clusters, similar to Sweet William.
See "Sweet Wivelsfield" also. Pkts., 10c.

# DIANTHUS (Perennial Pinks).

Pink, 1 March. rose, red, white; fragrant; sow October to

Plumarius (Clove Pink) varieties; 1½ feet: Cyclops Large-eyed Single Mixed. Semperflorens Single and Double Mixed. Pkts., 10c.

Rock-Garden species:

Caesius (Cheddar Pink), pink with tufty 3-inch foliage and 6-inch stems. Pkt., 10c. Deltoides (Maiden Pink), rose, 8 inches. Pkt.,

15c.

Alpinus, new, 4 to 6 inches, mixed Allwoodii Pkt., 50c. colors.

DIASCIA Barbarae.

Salmon-rose flowers, each with two spurs, for rockery or pots; 1 foot; sow March to May. Pkt., 15c.

DIDISCUS Coeruleus (Blue Lace Flower).

Soft blue, tiny tubular flowers forming lacy heads on long stems for bouquets; 2½ feet; sow March to May. Pkt., 10c.

DIGITALIS (Foxglove). Per.

Pink, purple, white, large open-tubed flowers in tall, erect spikes; sow October to March for certain flowers the following spring. Germ. per. 10 to 15 in

Biennial variety; 6 feet: Giant Shirley Hybrids (spotted) Mixed. Pkt., 10c.

Perennial varieties; 4 feet:
Hybrida Lutzii, salmon shades.
Isabellina, buff and yellow. Pkts., 15c.

(African Daisy). **DIMORPHOTHECA** 

Orange, yellow, salmon, and white, large, daisy flowers, unusually brilliant for bedding in all seasons; 1 foot; sow any time. Germ. per. 20 days. Aurantiaca, orange; Salmon Beauty; Golden West, yellow; Pluvialis ringens, white, with blue centerzone; Hybrids Mixed. Pkts., 10c.

DIMORPHOTHECA Ecklonis. Per.

White, blue center, with mauve reverse, flowers 3 inches across; blooms all summer; 2 feet; sow October to April. Pkt., 15c.

DOLICHOS Soudanensis (Hyacinth Bean).

Rosy-purple pea flowers on quick vine, with showy purple pods; sow March to May. Germinating period 10 to 15 days. Pkt., 10c.

DUSTY MILLER (Centaurea sp.). Per.

Candidissima, thick, silvery white foliage, 10 inches; Gymnocarpa, grey foliage, 20 inches; sow January Gymnocarpa, to May. Pkts., 10c.

ENGLISH DAISY. (See Bellis.)

ESCHSCHOLTZIA (California Poppy).

Orange, crimson, rose, yellow, and white, showy, glossy-petalled flowers for bedding, ground cover on vacant lots, and bouquets (cut the flowers early, as they open); 1 foot; sow November to June. Germ. per. 5 to 10 days.

Aurantiaca, orange (True native poppy). Pkt., 5c. Chrome Queen, pure light yellow. Golden West, yellow with orange center. Crimson, carmine crimson. Ballet Girl, carmine outside, cream inside. Lovely, salmon rose.

Mandarin, outside scarlet, gold inside. Vesuvius, fiery red.

White.

Enchantress, double salmon pink.
Crocea, double orange.
Common Mixed (orange, yellow, and white).
Brilliant Mixed (orange, reds, and pinks).
Hybrida Mixed (all new and unusual shades).
Pkts., 10c. Ask for bulk prices.

EUPHORBIA variegata (Snow on the Mountain).

Ornamental foliage annual, with distinct white and green leaves, for beds or specimen; sow March to May. Germinating period 10 to 12 days. Pkt., 10c.

FORGET-ME-NOT. (See Myosotis.)

FOUR O'CLOCK (Mirabilis) (Marvel of Peru). Per.

Red, pink, white, yellow flowers opening in afternoon, on bushy plants; may be grown as annual; sow October to April. Germ. per. 8 to 20 days. Dwarf Mixed, 1 foot; Tall Mixed, 2 feet. Pkts., 10c.

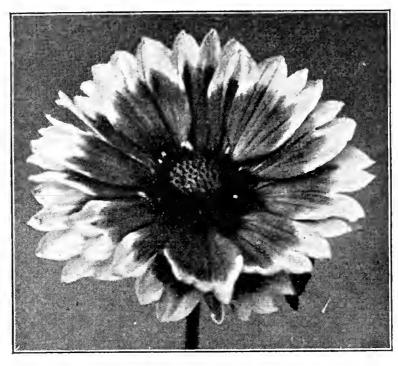
**FOXGLOVE.** (See Digitalis.)

FREESIA. Per.

White, lavender, pink, red, orange, and yellow shades; fragrant; 1 foot; sow July to October for bloom the first spring; Refracta alba, white; Rainbow Hybrids Mixed. Pkts., 15c.

#### GAILLARDIA (Annual Blanket Flower).

Red, and red with yellow, large, profuse-blooming daisies; 2 feet; sow January to April. Germ. per. 10 to 15 days. Indian Chief, bronzy-red; Picta, single mixed; Lorenziana, double mixed. Pkts., 10c.



Gaillardia Grandiflora

GAILLARDIA grandiflora. Per.

Red and yellow, very large daisies, blooming all summer and fall; 3 feet; sow September to April. Germ. per. 20 days. Burgundy, new bronzy red; Dazzler, yellow-and-red; Portola Hybrids; semidouble orange-and-red. Pkts., 15c.

## GAURA Lindheimeri.

White flowers, tinged pink, in spikes on strong, graceful plant from July to October; likes sun and drought; 3 feet; sow February to May. Pkt., 10c.

GAZANIA longiscapa. Per.

Golden yellow daisy, brown-centered, for borders and parkings; 9 inches; sow February to May. Yellow; New Hybrids, reds and bronzy shades. Pkts., borders 15c.

GERBERA Jamesonii (Transvaal Daisy). Per.

Almost every conceivable shade except blue and purple is found in these long-stemmed, large-flowered African Daisies for beds and bouquets; 2 feet; sow September to May; Scarlet; Hybrids Mixed. Pkts., 25c.

#### GEUM. Per.

Scarlet and yellow, double rose-like flowers, on long stems in spring and summer, for beds and bouquets; 2 feet; sow October to March. Germination period 15 to 60 days. Mrs. Bradshaw, scarlet; Lady Stratheden, yellow. Pkts., 10c.

#### GILIA.

Natives, easily and quickly grown; sow November to May; Capitata (Thimble Flower, 2 feet) with lavender-blue flowers in globular heads on long stems for cutting and drying; Coronopifolia Mixed (Standing Cypress, 3 feet), with scarlet tubular flowers; Tricolor (Bird's Eyes, 1 foot), with lilac flowers spotted yellow and purple in center. Pkts., 10c.

# GLOBE AMARANTH (Gomphrena).

Purplish-red, pink, white, and orange clover-like everlasting flowers; make showy beds; 1 foot; sow February to May. Germination period 10 to 15 days. Red; Orange; Mixed. Pkts., 10c.

GLOXINIA hybrida grandiflora. Per.
Rich reds, pinks, blues, and whites; must be grown indoors; 1 foot; sow January to April. Pkt., 50c.

#### GODETIA.

Pink, rose, red, and white, large satiny flowers, for showy beds in sun or partial shade and bouquets; sow November to June. Germ. per. 6 to 10 days. Dwarf (1 foot): Dwarf Single Mixed.

Medium (1½ feet; flowers in clusters):

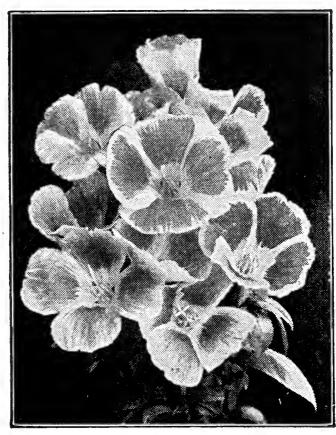
Brilliant, single deep crimson.

Double Brilliant, deep crimson.

Duke of York, large bright red.

Pendleton, double pink with crimson blotch

Pendleton, double pink with crimson blotch.



Godetia Medium, Scarlet

Scarlet, edged white.

Scarlet, edged white.

Sweetheart, new bright double cream pink.

Double Azalea-flowered Mixed. Pkts., 10c.

Tall (2½ feet; double flowers in spikes):

Carminea Improved, pink, deeper centered.

Rosy Morn, bright pink.

All Colors Mixed. Pkts., 10c.

# GOURDS.

Quick vines or trailers, with unique or ornamental fruits; sow January to May. Germ. per. 12 to 15 days. Calabash (Pipe); Dishcloth (Luffa); Edible (New Guinea Butter Bean); Large Bottle; Large Dipper; Small Pear, striped; Turk's Cap, small red and white; Turk's Turban, large red top, parted white bottom; Large Sorts Mixed; Small Mixed. Pkts 10c white bot Pkts., 10c.

## GRASSES, Ornamental.

Decorative sorts, for mixed bouquets or with ever-lastings; 1 to 2 feet; sow February to May; Dwarf and Semi-Dwarf Mixed. Pkt.. 10c.

#### GYPSOPHILA elegans (Baby's Breath).

White, pink, or red, star-shaped flowers in airy clusters for mixing in bouquets; 2 feet; sow October to May. Germ. period 5 days. Grandiflora alba, white; Pink; Crimson. Pkts., 5c. May. Germ. period ite; Pink; Crimson.

## GYPSOPHILA paniculata. Per.

White, tinier flowers than the annual, all summer and fall on large, bushy plants; 3 feet; sow October to May. Germ. period 15 days. Double Snow White; Pacifica, pale pink, blooms earlier. Pkts., 25c.

HELENIUM Autumnale (Sneezewort). Per.

Golden yellow, single daisy flowers with crimson globular centers in Fall; 4 feet; sow November to March. Germ. period 10 to 20 days. Riverton Gem. Pkt.,

## HELIANTHEMUM mutabile (Rock Rose). Per.

Rose, turning lilac, then white, single-rose-like-flowers on evergreen rockery plant; 8 to 12 inches; sow February to May. Pkt., 10c.

HELIANTHUS (Sunflower).

Yellow, orange, bronze-red shades, in large daisy flowers, showy for backgrounds; sow December to April. Germ. per. 5 to 10 days. Russian (10 feet), gigantic single, with edible seeds; Sanguineus (6 feet), orange, brown, and purple shades of red; Chrysanthemum-flowered, very double, golden yellow. Pkts., 10c except Russian, 5c.

HELIANTHUS angustifolius (Autumn Glory). Per.

Golden yellow masses of bloom in Fall, from clusters of large daisy flowers; 5 to 7 feet; sow December to March. Pkt., 15c.

HELICHRYSUM (Strawflower).

Yellows, pink, reds, and white, large, very double everlastings, showy in beds and backgrounds; 3 feet; sow October to May. Germination period 5 to 10 days. Canary Yellow; Fire Ball, scarlet; All Calara Mixed Plate 100 Colors Mixed. Pkts., 10c.

HELIOPHILA linearifolia (Cape Cress).

Bright deep blue, white-centered flowers in spikes with wiry stems, foliage grass-like, for pots and borders; 1 foot; sow October to May. Pkt., 25c.

HELIOTROPE. Per.

Blue and purple shades, in fragrant clusters, easily grown; 2 to 6 feet; sow February to May. Germination period 30 days. King of the Blacks, deep purple; Mammoth Mixed. Pkts., 15c.

HESPERIS matronalis (Sweet Rocket). Per.

Purple and white single-stock flowers, fragrant in evening; 3 feet; sow February to June. Germination period 15 days. Pkt., 10c.

HEUCHERA sanguinea (Coral Bells). Per.

Pink, rose, and red, tiny bell-like flowers in clusters, with low foliage good for rockeries and borders in sun or partial shade; 1½ to 2 feet; sow February to May. Coral Red; Brizoides, pink; Hybrids Mixed. Pkts., 15c.

HIBISCUS (Mallow Marvels). Per.

Pink, red, white, large flowers, 6 inches across; 4 feet; sow February to June. Germination period 5 to 7 days. Mixed. Pkt., 10c.

HOLLYHOCK. Per.

Pink, salmon, red, and yellow shades, in stately spikes ideal for backgrounds; 5 to 8 feet; sow August to March. Germination period 10 to 30 days. Triumph, new loose-petalled double mixed in a wide color-range; Chater's Double Newport Pink, Rose, Salmon, Crimson, Yellow, Mixed; Vert Dwarf Double Mixed; Single Early Mixed. Pkts., 10c.

(See Lunaria.) HONESTY.

HUMULUS Japonicus (Japanese Hop).

Rapid climber, with dense green, varigated white, foliage, untroubled by heat, drought or insects; sow January to May. Germination period 8 to 10 days. Pkt., 10c.

HUNNEMANNIA fumariaefolia (Mexican Tulip Poppy).

Bright yellow, cup-shaped flowers, 3 inches across on long stems, keeping well when cut; 2 feet; sow



Impatiens Holstii

November to April. (Sunlite, new semi-double; see Novelties, page 4.)

IBERIS Gibraltarica (Per. Candytuft).

Lilac, turning white, small flowers in clusters on spreading, sunny rockery perennial in spring; 8 inches; sow Jan. to June. Pkt., 10c.

IMPATIENS Holstii (Zanzibar Balsam).

Rich pinks, reds, and purples, very long-blooming, for pots and half-shady outdoor beds; 1½ feet; sow March to June. Hybrids Mixed. Pkt., 15c.

KENILWORTH IVY (Linaria Cymbolaria). Per.

Dainty trailer, standing shade, with tiny lilac, orange-lipped flowers; sow Jan. to May. Pkt., 10c

KOCHIA Childsii (Summer Cypress).

Bright green, feathery foliage, forming compact bushes quickly, that turn fiery red in Fall; 2 to 4 feet; sow January to June. Germination period 10 days. Pkt., 10c.

KUDZU VINE (Pueraria Thunbergiana). Per.

Very rapid, vigorous shade vine, with rosy, peashaped flowers; soak seed overnight; sow November to April. Germination period 30 days. Pkt., 10c.

LANTANA. Per.

Red, pink, lavender, orange, and yellow flowers in verbena-like clusters; bloom the first year from seed and form shrubs; sow January to May; Dwarf Hybrids Mixed to 2 feet; Tall, 3 to 5 feet. Pkts., 10c.

LARKSPUR (Annual Delphinium).

Pinks, reds, blues, and white; ideal bedding and cut flower best sown in winter or early spring where to remain, allowing 3 weeks for germination; 3 to 4 feet; sow October to April; Tall Double Stock-flowered Ageratum Blue, Dark Blue, Sky Blue, Lilac, Rosy Scarlet, Lustrous Carmine Pink, Exquisite Light Pink, La France, salmon-pink, Los Angeles, salmon-rose; Mixed; Imperial Mixed, new, long-stemmed type. Pkts., 10c.

LATHYRUS latifolius (Perennial Sweet Pea). Per.

Red, pink, and white sweet-pea flowers, in clusters, not fragrant, on vine best as trailer and ground-cover; sow November to March. Germination period 60 days. Pink Beauty; Mixed. Pkts. 10c.

LAVATERA splendens (Annual Mallow).

Pink, rose, white large flowers on bushy plant for show and cut; 2½ feet; sow November to March. Rosea, best rose. Pkt., 10c.

LAVENDER (Lavandula vera). Per.

Small lavender flowers, delightfully fragrant; 2 feet; sow December to March. Germination period 30 days. Pkt., 10c.

LEMON VERBENA (Aloysia citriodora). Per.
Fragrant-leaved, hardy shrub; 4 feet; sow February to May., Pkt., 10c.

LEPTOSIPHON.

Salmon, pink, copper, orange yellow etc. small flowers for rockeries, low beds, and ground-cover; sow February to June. French Hybrids Mixed, 6 inches; Densiflorus, lavender, 1 foot. Pkts., 10c.

LEPTOSYNE Maritima (See Dahlia). Per.
Yellow, dahlia-like flowers, fine for cutting; native perennial blooming in 90 days; 2 feet; sow November to June. Pkt., 10c.

LEPTOSYNE Stillmani.

Yellow, cosmos-like flowers for cutting, six weeks after sowing; native; 1½ feet; sow November to July. Pkt., 10c.

White, outside lavender, large trumpet lily-flowers in clusters; popular florist cut-flower; 3 feet; sow November to April for bloom first Fall. Pkt., 15c.

LIMNANTHES Douglasi (Meadow Foam).

White-and-yellow, fragrant flowers, effective in beds or edgings, in moist partial shade; native; 6 inches; sow November to April. Pkt., 10c.



Lilium Philippinense

#### LINARIA.

Lavender, purple, pink, chamois, yellow, red, etc., miniature snapdragon flowers, spurred, unusually fine for beds, ground covers, or mixed bouquets, all chamois, yellow, red, etc., lowers, spurred, unusually winter and spring; 1 foot; sow any month; Chamois Shades; Golden Gem, yellow; Mauve Shades; Purple Shades; Red, with yellow lip; Maroccana Hybrids Mixed, all shades except yellow. Pkts., 10c.

LINARIA Dalmatica Macedonica. Per.

Pale yellow, with orange lip, snapdragon-like flowers, blooming first year if sown early; 3 feet; sow July to November; Canon Want, new pink edging, with beautiful smooth grey foliage; 1 foot. Pkts., 10c.

Bright scarlet flowers, on slender graceful plant, in all seasons; particularly useful in winter; 1½ to 2½ feet; sow any month. Germination period 10 days. Pkt., 5c.

Sky-blue flowers, profusely produced all spring and summer; blooms in 4 months;  $2\frac{1}{2}$  feet; sow January to May. Germination period 15 days. Perenne, light blue, 10c pkt.; Narbonense, deep azure blue, more compact, 15c pkt.

LOBELIA erinus compacta.

Blue bedding and edging plants; 4 inches; sow January to May. Germination period 5 to 20 days. Crystal Palace, dark blue, bronzy foliage; Emperor William, sky-blue, green foliage. Pkts., 10c.

LOBELIA cardinalis (Cardinal Flower). Per.

Fiery scarlet flowers in erect spikes with bronzygreen foliage; 2 feet; sow January to March. Pkt.,
10c.

# LUNARIA Annua (Honesty).

Silvery, transparent seed-pods, to dry for winter decoration; 2 feet; sow January to May. Pkt., 10c.

LUPINUS (Lupine).

Blue, pink, yellow and white pea-flowers in clusters, for beds and bouquets; native; sow December to April. Germination period 5 to 10 days. Nanus, blue, (Calif. native), and Subcarnosus (Texas Blue

Bonnet), both 1 foot; Hartwegii, Dark Blue, Sky Blue, and Hybrids, all 2 feet. Pkts., 10c. Hartwegii Giants, new, larger spiked and taller, (3½ feet). Pkts., 15c.

LUPINUS polyphyllus. Per.

Blues, pinks, salmon, cream, etc., with stately spikes and luxuriant foliage in partial shade; 3 feet; sow December to April. Germination period 10 to 30 days. Harkness' Regal Mixture. Pkt., 15c.

Per. LYCHNIS Chalcedonica.

Vivid scarlet flower-cluster, above low foliage; 2 feet; sow January to May. Germination period 10 to 15 days. Pkt., 10c.

MARIGOLD (Tagetes). (See also Tagetes.)
Orange, yellow, brown, striped, spotted; splendid for summer and fall bedding and cutting; sow January to July. Germination period 5 to 10 days.

African (tall double fistulosa;  $2\frac{1}{2}$  feet):
Orange Prince, or Orange Ball.
Lemon Queen, yellow.
Mixed (above 2 varieties).
Guinea Gold (see Novelties, page ??)

French (tall sorts, 3 feet):
Josephine, single red-brown, gold-edged.
Double Mixed, all colors.

French (dwarf sorts, 10 inches):
Golden Ball, large, golden yellow, very compact.
Legion of Honor, single yellow, marked brown.
Robert Beist new double deep maroon.
Double Mixed. Pkts., 10c.

Monarch Strain, larger, richer-colored. Pkts.,

MATRICARIA (Feverfew). Per.

White or yellow, double flowers in clusters, for beds, borders, or cut, all summer and fall; sow December to April. Germination period 10 to 12 days. Capensis white, 2 feet; Eximia (1 foot): Snowball, pure white; Golden Ball, rich yellow. Pkts., 10c.

MATTHIOLA bicornis (Evening-scented Stock).

Mauve, small, single flowers, valued for their evening fragrance; 2 feet; sow January to July. Pkt., 10c.

MESEMBRYANTHEMUM tricolor (Ice Plant). Per.

Yellow flowers, red inside, with brown anthers, for sunny rockeries and banks; 1 foot; sow February to April. Germination period 5 to 10 days. Pkt., 10c.

MIGNONETTE (Reseda odorata grandiflora).

Deliciously fragrant, small flowers in spikes; 1 foot; sow any month. Germination period 8 to 10 days. Goliath Red; Machet Mixture. Pkts., 10c. Small Sweet. Pkts., 5c.

MIMOSA pudica (Sensitive Plant).

Pinkish white flowers; named for its leaf-habit of closing and drooping for a time when touched; 1 foot; sow January to May. Germination period 10 to 15 days. Pkt., 10c.

MIMULUS.

Moschatus (Musk Plant), small yellow flowers on scented, bushy plant in shade or pots.

Tigrinus (Monkey Flower), white, yellow, orange, copper and red, spotted gloxinia-like flowers for partial shade; 10 inches; sow March to June. Germination period 5 to 10 days. Queen's Prize Mixed. Pkts. 15c.

MINA LOBATA.

Red, changing to yellow, tubular flowers in clusters on rapid, beautifully-leaved vine; sow January to May, soaking soil 24 hours. Pkt., 10c.

MONARDA Didyma (Bergamot). Per.

Brilliant scarlet bracts; good for bees and massing; 2½ feet; sow January to May. Pkt., 10c.

MOON VINES (Ipomoea). Per.

Blues, and white, on rapid climbers; sow February to April, notching the seeds and soaking 24 hours. Germination period 10 to 12 days. Leari, deep blue,

open during the day; White Moonflower (grandiflora alba), open at night and early morning. Pkts., Leari, 20c; White, 10c.

#### MORNING GLORIES.

Rapid, very showy annual vines; sow February to Rapid, very showy annual vines; sow February to June, soaking 24 hours. Germination period 5 to 10 days. Convolvulus species: Major Blue, and Major Mixed: Minor (1 foot, for rockeries) Mixed; Ipomoea species; Heavenly Blue, sky-blue, 4-inch flowers, with white throat; Giant Mexican Pink; Imperialis, Japanese Hybrids Mixed, very large, unusual colorings. Pkts., 10c, except Heavenly Blue, 15c.

MYOSOTIS (Forget-me-not). Per.

Blue dainty flowers, for moist, shady beds and borders; sow January to June. Germination period 15 days. Biennials:

Alpestris, blue, 1 foot, trailing; Victoria, bright blue, yellow-centered, for edging, 8 inches.

Perennials:

Dissitiflora bright blue, 6 inches; Oblongata perfecta, deep blue, winter-flowering, 1 foot; Palustris semperflorens, blooms from early spring until fall, 6 inches. Pkts., 15c.

NASTURTIUM (Tropaeolum).

Bright flowers, very easily grown, the dwarf sorts (10 inches) for beds in sun or partial shade, the talls covering low fences, or trailing as a ground-cover, and both furnishing bouquets; sow March to August. Germinating period 8 to 10 days.

Golden Gleam, new double yellow. Pkt., 15c.

Lilliput (6 inches, very compact.): Lady Cherry, wine red, dark-leaved; Ruby, rosy red; Lilliput Hybrids Mixed.

Dwarf (10 inches):
Cloth of Gold, fiery red, leaves gold; Empress of India, dark red, dark leaves; Golden King, deep Indian yellow; Pearl or Moonlight, cream; Vesuvius, salmon rose; Dwarf Fine Mixed.

Tall, or Trailing:

Dunnett's Orange, orange yellow; King Theodore, deepest red; Pearl or Moonlight, cream; Vesuvius, salmon rose; Calif. Giants Mixed. Pkts., 5c and 15c.

#### NEMESIA.

Orange, yellow, rose, scarlet flowers in clusters, for showy beds and borders in winter and spring; sow October to April. Germinating period 20 days. Strumosa grandiflora Suttoni, Orange, Rose, Scarlet, and Mixed, 1 foot; Compacta Blue Gem splendid forget-me-not-like bedder, 7 inches. Pkts., 10c.

NEMOPHILA insignis (Baby Blue Eyes).

Sky-blue native, for beds and bulb-cover in sun or partial shade; sow where to remain; 6 inches; sow October to May. Pkt., 5c.

NEPETA Mussini. Per.

Small blue flowers, grey foliage, ideal for rockeries and edgings; 1 foot; sow January to April. Pkt., 15c.

NICOTIANA Affinis (Sweet-scented Tobacco Plant).

White, pink, lavender, and crimson, large, open flowers with long tubes, very fragrant at night; easily-grown, quick, and continuous-flowering; 2 to 4 feet; sow January to June. Germinating period 5 to 10 days. Waxy White; Crimson King; Hybrida Mixed, all colors. Pkts., 10c.

NIEREMBERGIA gracilis.

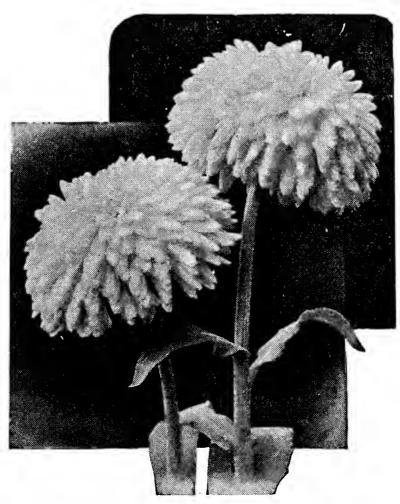
White, veined lavender; graceful plant for hanging baskets and rockeries; 1 foot; sow January to May. Pkt., 15c.

NIGELLA Damascena (Love-in-a-Mist).

Large, semi-double, soft blue flowers, nestling in fine, feathery foliage; 1½ feet; sow February to May. Germinating period 10 to 15 days. Miss Jekyll. Pkt., 10c.

## NOLANA (Chilian Bell Flower).

Blue-lavender bell-shaped flowers, a sunny on ground-cover plant; 6 inches; sow February to May. Pkt., 10c.



New Yellow Calendula, Golden Beam See page 10.

OENOTHERA Lamarckiana (Evening Primrose).

Yellow, large flowers, expanding and fragrant in the evening; easily-grown background plant in sun or partial shade; 4 feet; sow December to March. Pkt., 10c.

**PAINTED DAISY.** (See Chrysanthemum.) **PANSY.** 

Reds, purples, blues, yellow, and white; unsurpassed for low beds in winter and spring; 8 inches; sow July to September for winter, and until December for spring. Germinating period 8 to 10 days.

Roggli's Swiss Giants (original seed), the very largest flowers and longest stems; Alpenglow, rich deep red; Lake of Thun, pure deep blue; Rheingold, immense dark-centered yellow; All Colors Mixed. Pkts., 25c.

Engelmann's Giant Strain, a splendid, re-selected, English-grown Swiss-type Mixture. Pkt., 25c.

Engelmann's Special Strain, with huge Englishtype, sometimes called Scottish Show type, pansies. Pkt., 25c.

Steele's Mastodon "400," American-grown Swiss Giant Mixture. Pkt., 25c.

Steele's Mastodon Miracle, very large, with splendid range of colors; Mixed. Pkt., 20c.

Steele's Mastodon Special Strain, large flowers and fine colors; Bronze Shades; Mad. Steele, deepest purple; Panama Pacific, dark-centered yellow; White, dark-centered; All Colors Mixed. Pkts., 15c.

Campbell's Argyle Giants, splendid bedding mixture, with fine colors and good-sized flowers. Oz. \$4.50. Pkt., 10c.

Bedding sorts; Adonis, light blue; Beaconsfield, upper lavender, lower purple; Emperor William, deep blue; Golden Queen, pure yellow; Mad. Perret, pink shades; Prince Henry, darkest blue; St. Knud, apricot-orange. Oz., \$3.75. Pkts., 10c.

PASITHEA coerulea. Per.

Deep, luminous blue star-like flowers in loose clusters on wiry stalks well above grass-like foliage; 3 feet; rare, fine for cutting; sow March to August. Pkt. 25c.

PENTSTEMON. Per.

Pink, scarlet, crimson, purple and white, gloxinia-like flowers in spikes, unusually showy in beds and borders; 2½ feet; sow September to April for blooms same season. Germinating period 8 to 15 days. Glaber, blue; "Sensation" Pink Shades, Violet and Purple shades, Red shades, All Colors Mixed. Pkts., 15c.

PETUNIA hybrida.

Pink, rose, red, lavender, blue, purple, and white; unusually floriferous bedding plants, continuing in bloom from spring to winter; sow January to July. Germinating period 8 to 10 days.

Dwarf Sorts (nana erecta, 15 inches): Blue Bird, dark blue-purple. Gloria, deepest rose-pink.
Heavenly Blue, light silvery blue.
Rose of Heaven, pure rose-pink.
Rosy Morn, pink, with white throat.
Snowball, pure white.

Mixed dwarf bedding sorts.

Large-flowering Sorts (2 to 2½ feet):
General Dodds, blood-red.
Lord Courtney (Golden Rose), bright rose.
Violacea, Elk's purple. Pkts., 10c.
Balcony Blue, large blue-purple.
Balcony Rose, rose-pink.
Balcony Mixed, trailing vine-habit. Pkts.,
Giant, Ruffled-flowering sorts (2 feet):
Copper Red Pkts., 15c.

Copper Red. Diener's Blue, blue-purple.

Pink Glory, splendid pure rose-pink. Pink Triumph, clear pink, frilled edge. California Giants Mixed. Pkts., 25c. Extra Select Double Mixed.

#### PHACELIA.

Blue shades; native; sow November to April. Campanularia (California Blue Bell; 6 inches), gentian-blue bell-flowers for edgings, flowering quickly. Tanacetifolia (Wild Heliotrope; 2 feet), mauve-blue cluster, good for bees.
Whitlavia (Wild Canterbury Bell; 1 foot), blue bells in sun, or partly-shaded beds. Pkts., 10c.

PHLOX Drummondi grandiflora.

Pinks, reds, lavenders, purple, yellow, and white; bright, easily-grown, spring, summer and fall bedder; 1 foot; sow January to July. Germinating period 8 to 10 days. Chamois Rose (Salmon); Dark Red; Fiery Scarlet; Flesh Pink; Isabelina, creamy yellow; Pure Blue: Purple; Red, white eye; Rose, dark eye; Rose, pink eye; Violet, white eye; All Colors Mixed; Starred and Fringed Mixed; Dwarf Mixed, 6 inches. Pkts., 10c.

PHLOX decussata grandiflora. Per.

Pinks, reds, lavenders, purple and white; showy late summer border plant: seeds slow to germinate, taking 6 weeks to 6 months; 3 feet; sow October to March; Mixed. Pkts., 15c.

PHYSALIS Franchetii (Chinese Lanterns). Bien.

Orange-scarlet pods the second year, beautiful dried for winter decoration; 1½ feet; sow January to June. Pkts., 10c.

PHYSOSTEGIA Virginica (Obedient Plant). Per.

Lavender-pink, tube-shaped flowers like tiny snap-dragons on bushy border plant in July and August; 4 feet; sow September to May. Pkts., 10c.

PLATYCODON grandiflora (Bell Flower). Per.

Blue, balloon-like buds, opening into large, bell-shaped flowers for partly-shaded borders; 1½ feet; sow August to March. Germinating period 12 to 15 Pkts., 15c. days.

POLEMONIUM coeruleum (Jacob's Ladder). Per.
Sky-blue, bell-shaped flowers, with golden anthers and fern-like foliage; 2 feet; sow October to March. Pkts., 10c.

# POPPY.

Pink, rose, orange, and red shades: quick, showy, large-flowered bedders, which may be cut, if the stems are singed; sow November to May.

Shirley (crinkled petals, hairy foliage: 1½ feet): American Legion, large orange-scarlet.

Rose Pink.

Salmon Art Shades. Single Mixed, unusual shades. Double Begonia-flowered Mixed. Pkts., 10c.

Tall Sorts (smooth foliage; 3 feet):
Single Mixed.

Carnation-flowered Mixed. Pkts., 10c. Double

POPPY, Per Sow Per.

Sow August to March; Glaucium (3 feet), deep, glossy orange, smooth foliage. Pkts., 10c. Nudicaule (Iceland; 1½ feet), with crinkly-petaled flowers on long stems above low leaf-clumps, fine for edgings and cut, blooming first year: "California," vivid orange; Sunbeam Hybrids, pink, orange, yellow, and white; Fakenham Hybrids new, stronger-stemmed and larger-blooming. Pkts., 15c. Oriental Hybrids (2½ feet), strong foliage, stems, and huge flowers, in salmon, rose, lavender, orange, and red shades. Pkts., 10c.

PORTULACA grandiflora (Moss Rose).

Pink, rose, lavender, yellow, orange, and red shades; showy ground-cover and bedder standing hot, dry situations; 6 inches; sow February to May. Germinating period 8 to 10 days. Single Rose, Red, Yellow, All Colors Mixed; Double Mixed. Pkts., 10c.

Per. PRIMULA (Primrose).

Showy flowers for pots and beds in shade; (6 inches; sow November to May).

Polyanthus (Elatior), yellow, orange, brown, red, purple flowers in large clusters; Polyanthus, Giant Munstead Strain, mostly yellow shades; Vulgaris (Acaulis; Common Primrose), yellow, orange center, fragrant. Germinating period 60 days. Pkts., 25c, ovent Vulgaris, 15c. Vulgaris, 15c. except

except Vulgaris, 15c.

Chinese type: Salmon, rose, lavender, crimson, white; for pots; 10 inches; sow February to August. Germinating period 15 days. Chinensis Stellata (Star) Mixed; Beesiana, velvety blue-purple, yellow-eyed; Chinensis fimbriata Mixed. Pkts., 50c. Malacoides (Baby Primrose; feathery clusters of small flowers for winter and spring beds and edgings; 1 foot; sow May to October): Deep Lilac; Light



Primula Malacoides, True Rose

Lilac; New True Rose; White; Mauve, yellow eye (Forbesi); Mixed. Pkts., 15c.
Obconica (large flowers, from December to July; 10 inches; sow November to April): Appleblossom, rose-pink; Berlin Red; Coerulea, blue; Red Chief, crimson; Salmon Queen; Grandiflora Mixed. Pkts., 50c.

PYRETHRUM roseum hybridum. Per.

Pink, rose, and red, large daisy flowers, above feathery foliage, for beds and bouquets; 1 to 2 feet. Sow September to May. Atro-sanguineum, red shades; Grandifforum Single Mixed, pink and rose shades; Double and Semi-Double Mixed. Pkts., 25c, except Grandifforum Mixed, 15c.

RANUNCULUS. Per.

Pink, red, salmon, orange, and yellow shades in wonderful variety; 1 foot; sow August to November for flowers first spring. Giant French Mixed. Pkts., 15c.

REHMANNIA angulata. Per.

Rose and purple, large, spotted-throated flowers, with beautiful foliage, the first season, in sun or partial shade; 2 feet; sow October to April. Pkts., 15c.

RHODANTHE maculata (Immortelle).

Rose and white, pendulous, everlasting flowers; foot; sow December to May. Mixed. Pkts., 10c. flowers; 1

ROCKERY PERENNIALS Mixed. Per.

A splendid special mixture of 25 hardy, low-growing perennials, unusually interesting to grow, and ideal for rock-gardens; 6 to 12 inches; sow October to May. Pkts., 10c. to May. Pkts., 10c.

ROMNEYA Coulteri (Matilija Tree Poppy). Per.

White flowers, 6 inches across, with many yellow stamens; shrubby, handsome plant, with silvery leaves; 5 feet; sow August to March, allowing 3 to 9 months for germination. Pkts., 15c.

RUDBECKIA speciosa (Cone Flower). Per.

Golden yellow, single daisies, with black cone-shaped centers; for borders or cutting, in sun or partial shade; 3 feet; sow August to May. Germinating period 8 to 10 days. Pkts., 15c.

SAINTPAULIA Ionantha (African Violet).

Deep blue, golden anthers; free and long-flowering pot plant; 6 inches; sow inside November to March. pot plane, Pkts., 25c.

SALPIGLOSSIS gloxiniaflora (Painted Glories).

Rose, red, yellow, purple, and white large, rich, velvety flowers, mostly veined with gold, for a striking bed or bouquet; 2½ feet; sow February to June. Germinating period 5 to 10 days. Emperor: Blue and Gold, Brown and Gold, Crimson, Rose and Gold, Violet and Gold, All Colors Mixed. Pkts., 10c.



Iceland Poppy See perennial poppies, page 25.

SALVIA (Sage). Per.

Scarlet or blue flowers in spikes, for showy summer beds; bloom first year; sow February to May. Germinating period 5 to 10 days. Splendens Bonfire, scarlet (2 feet); Patens, pure indigo blue (1½ feet); Farinacea, light blue, small, wooly flowers (3 feet). Pkts. 15c; except Bonfire, 10c.

SANVITALIA procumbens.

Orange-yellow, zinnia-like flowers on trailing plant for hot, dry situations; 6 inches; sow January to May. Pkts., 10c.

SAPONARIA vaccaria rosea.

Rose flowers in graceful sprays, like "glorified" Gypsophila; 2 feet; sow February to April. Germinating period 10 days. Pkts., 10c.

SCABIOSA (Pincushion Flower).

Blue, pink, white, yellow, scarlet, and crimson, large double flowers on long stems, for beds and bouquets;  $2\frac{1}{2}$  feet; sow December to May. Germinating period 10 to 15 days. Ageratum Blue; Crimson; Loveliness new salmon; Peachblossom, pink; Rose; Shasta, large white; All Colors Mixed. Pkts., 10c, Shasta, large white; A except Loveliness, 15c.

SCABIOSA (Scabious). Per.

Large, splendid, long-stemmed cut-flowers; sow September to March.
Caucasica (2 feet): Goldingensis, deep lavender blue; Isaac House Hybrids, shades of blue, lavender, and white.

Columbaria (18 inches): Mauve-lavender, Mauve-pink. Pkts., 15c, except Isaac House Hybrids, 25c.

SCARLET RUNNER BEAN

Bright red pea-flowers on rapid vine with large, edible pods; sow February to May. Ptks., 10c.

SCHIZANTHUS (Poor Mon's Orchid)

Chamois, rose, lavender, and purple shades, in great variety; small, daintily-cut flowers and fern-like foliage for pots, or partly-shaded beds; 1½ feet; sow January to May. Germinating period 5 to 10 days. Wisetonensis Brilliant Mixture, large-flowered, for pots; Grandiflorus Hybrids, all colors; Grandiflorus Hybrids, Special Pot Strain. Pkts., 10c: pot strains. 15c. 10c; pot strains, 15c.

SEDUM (Stonecrop). Per.

Succulent plants for pots, rockeries, and edgings; very easily grown; sow any month; Many Species Mixed. Pkts., 15c.

SHASTA DAISY (Chrysonthemum maximum.) Per.

Large white border and cutting flower; sow March to September. Germinating period 20 days. Alaska (largest-flowered; 2½ feet). Elder Daisy (more flowers somewhat smaller; 2 feet). Pkts., 10c.

Rose, mauve, and purple, hollyhock-like flowers on slender spikes for sunny borders and cutting; 3 to 4 feet; sow September to May. Hybrids Mixed. 4 feet; so Pkts., 15c.

SMILAX.

Shade-Ioving vine, useful for decorating; sow January to May. Pkts., 15c.

SNAIL-VINE (Phaseolus caracalla). Per.

Lavender, waxy, fragrant, curiously-twisted Peaflowers in clusters; sow January to April. Pkts., 15c.

SNAPDRAGON. (See Antirrhinum.)

SOLANUM Capsicastrum (Jerusalem Cherry).

Bright red, large, round berries, on winter pot plant; 1 foot; sow February to August; Clevelandi. Pkts., 15c.

STATICE.

Pink, blue, and yellow, small everlasting flowers in clusters; 3 feet; sow January to May; Bonduelli, yellow; Sinuata Rose, Blue, Mixed; Suworowii (Russian Rat Tail; 1 foot), rose. Pkts., 10c.

STATICE (Sea-Lavender). Per.

Straw-like flowers; basal leaves; 2½ feet; sow October to April; Caspia, sprays of tiny lilac flowers, to mix in bouquets; Perezi, rich deep blue flower-clusters, effective in borders. Pkts., 15c.

STEVIA serrata. Per.

White, fragrant, small flowers in large heads for beds and mixed bouquets; may be grown as annual; 2 feet; sow January to May. Pkts., 10c.

Splendid late winter and spring bedding and cutting plant; sow July to March. Germinating period 3 to 10 days. The smaller seedlings are more apt to be double; if transplanting, do not discard them.

Giant Bismarck or Imperial (2½ feet):
Antique Copper, bronzy-red.
Canary Yellow, cream.
Chamois Rose, creamy rose.
Cream Pink, ivory tinted old rose.
Dark Blue, purple.
Elk's Pride, royal purple.
Fiery Blood Red, rich crimson.
Flesh Pink.
Golden Rose vellow-centered

Golden Rose, yellow-centered.

Lavender.

Lilac, deep lavender. Old Rose, new shade.

Rose, deep rose pink.

White.

All above colors Mixed. All, pkts., 15c. Buttercup, new, large deep cream. Pkts., 25c.

Mammoth Beauty of Nice (2 feet):
Abundance, carmine rose.
Belle of Naples, old rose.
Beauty of Nice, flesh pink.
Cote d'Azure, lilac.
Rose Pink, new, truest deep pink.
All Colors Mixed. Pkts., 10c. Pkts., 25c.

Perpetual Branching or Perfection (2 feet): Empress Augusta Victoria, silvery lilac. Heatham Beauty, golden rose. Pkts., 10c Empress Augusta Victoria, silv Heatham Beauty, golden rose.

Heatham Beauty, golder.

Brompton (Emperor or Winter):
Egyptian, large rose pink; tall (3 feet).
Empress Elizabeth, bright deep pink (2½ feet).
Violetta, deep violet-purple.
White Lady, pure white. Pkts., 25c.

STOKESIA cyanea (Cornflower Aster). Per.

Rich lavender-blue, large, cornflower-like aster flowers, on stiff stems, for border and bouquets; 1½ feet; sow December to April. Germinating period feet; sow Dec 10 to 15 days. December to A ays. Pkts., 10c.

STRELITZIA reginae (Bird of Paradise). Per.

Orange-and-blue, large, striking, bird-like flowers; blooms in 3 years from seed, and then much of the year; 3 to 4 feet; best sown November to April. Seeds, 20c each.

SWEET PEAS (Lathyrus odoratus).

Early Flowering Spencer is the best strain for California, biooming from December to June, if planted in August or September; flowers are very large, wavy, 3 to 4 on long stems; sow August to February. Ask for special Sweet Pea Circular, printed each July, listing new varieties and giving cultural suggestions. gestions.

Newest varieties (Pkts., 25c.):

American Beauty, rich rose-crimson.

Attraction, clear salmon pink. Exposition Pink, geranium pink. Lavanda, clear lavender. Susanna, carmine red.

Best "tried" varieties (Pkts., 15c):
Amethyst, royal purple.
Apollo, soft salmon.
Duplex Pioneer, double light pink.

Fancy, old Giant Rose. old rose.

Grant Rose.
Greeting, clear lavender.
Majestic Rose, bright rose.
Marine, clear deep blue.
Oriental, deepest cream.
Othello, marone.

Pal, rose crimson.

Queen Crimson, blood red. Sunray, apricot pink.

Springsong, cream pink. Valencia, sunproof orange. Vulcan, scarlet. White Harmony.

Campbell's Special Mixture of Early Spencers: Contains all the above tested varieties, and many other good shades. 1 oz., 50c; ½ oz., 30c; ¼ oz., 20c.

Late Spencer Mixed (bloom by May). Pkts., 10c; 1 oz., 35c; ½ oz., 20c.

Cupid Spencer (dwarf variety for bedding; 1 foot; in bloom from May). Pkts., 15c.

SWEET SULTAN. (See Centaurea imperialis.)

SWEET WILLIAM (Dianthus barbatus). Bien.

Pink, red, and white flowers, like small pinks, in large clusters for beds and bouquets; 1½ to 2 feet; sow October to March. Germinating period 8 to 10 days. Pink Beauty, Scarlet Beauty; Johnson's Giant Eyed Mixed; Single Mixed; Double Mixed. Giant Eyed Mixed; Pkts., 15c.

SWEET WIVELSFIELD. Per.

New, very free-flowering pinks, with large, fragrant, sweet-william-like flower-clusters for bedding and bouquets; 1½ feet; sow October to March for bloom the first year. Pkts., 15c.

TAGETES signata pumila. (See also Marigold.)

Bright yellow, single Marigold flowers on compact little bushes for edgings; 9 inches; sow January to Pkts., 10c. July.

THALICTRUM dipterocarpum (Meadow Rue). Per.
Rosy-purple, yellow-anthered flowers in plumes,
with maiden-hair-fern foliage, in August and September; 4 feet; sow October to May. Pkts., 15c.

THUNBERGIA alata (Black-eyed Susan).

Orange, yellow, white, large flowers, with black centers on vigorous trailer; sow February to June. Germinating period 10 to 15 days. Mixed. Pkts., 10c

TITHONIA speciosa (Mexican Sunflower).

Orange-scarlet, glistening flowers, like large single Zinnias, on rapid-growing, shrub-like annual for backgrounds, and cutting; 6 to 8 feet; sow March to June. Pkts., 15c.

TORENIA Fournieri.

Rich blue, snapdragon-like flowers, with golden lips, for pots or beds; 9 inches; sow April to July. with golden Pkts., 15c.

TRACHELIUM coeruleum (Blue Baby's Breath).

Tiny flowers in large, cloud-like hea pots; 1½ feet; sow February to May. heads; good for ay. Pkts., 15c.

TRITOMA (Red Hot Poker; Kniphofia). Per.
Red, orange, and yellow flowers, in large, spear-shaped heads; foliage grass-like; 3 feet; sow March to June. Hybrida Mirabilis, blooms first year; Perennial Hybrids Mixed. Pkts., 10c. Pkts., 10c.

VALERIANA (Garden Heliotrope; Centranthus). Per.

Rose, red. white, fragrant small flowers in heads, very freely produced; 2½ feet; sow December to April. Rose, Red, White. Pkts., 10c.

VENIDIUM fastuosum.

Glossy orange daisies with purple-black zone, 4 to 5 inches across, striking in the garden or cut; 2 to 3 feet. V. calendulaceum, large yellow daisies,  $1\frac{1}{2}$  feet high; sow March to May. Pkts., 15c.

VERBASCUM Phoeniceum (Mullein). Per.

Rose, red, purple, white flowers, in erect spikes in summer; 2 feet; sow January to May. Mixed. Pkts., 15c.

VERBENA hybrida. Per.

Pink, rose, red, lavender, blue, purple, white flowers in clusters, brilliant for bedding, and trailing ground-cover; 1 oot; sow December to August. Germinating period 10 to 15 days.

Gigantea (each floret in cluster usually as large as a quarter):
Alba, white; Blue, with white eye; Lucifer, scarlet; Rose Cardinal, vivid carmine rose; Salmon Rose Pink; Mixed. Pkts., 15c. Beauty of Oxford, new vivid clear pink; Lavender Glory, new lavender. Pkts., 25c.

Ordinary (very free-flowering):
Dark Blue; Defiance, deep scarlet; Pink and
Rose Shades; All Colors Mixed. Pkts., 10c.

Trailing Varieties:
Erinoides, small, lavender-blue heads, fern-like foliage. Venosa, thrifty grower, purple heads. Pkts., 10c.

VINCA rosea (Periwinkle). Per.

Pink and white, phlox-like, large flowers; foliage dark, glossy green; 1 foot; sown February to April, will bloom same year. Germinating period 10 to 12 days. Mixed. Pkts., 10c.

VIOLA cornuta (Tufted Pansy).

Flowers, although smaller than pansies, are produced even more freely, and make these ideal bedding and border plants for winter and spring; 6 inches; sow July to March. Germinating period 8 to 10 days. Admiration, large blue; Apricot; Ardwell Gem, large new yellow; Blue Perfection, light blue; Firmament, sky blue; Jersey Gem, deep blue; Lutea splendens, yellow; Mauve Queen; Papilio, lavender-blue, upper petals flushed white; Spring Messenger, purple; Violet Papilio, pure violet; White Perfection. Pkts., 10c, except Jersey Gem,

VIOLET (Viola odorata). Per.

Deep blue, fragrant flowers on long stems by the second year; 6 inches; sow July to March. Pkts.,15c.

VIRGINIAN STOCK (Malcolmia).

Rose, red, yellow, white, small, single flowers, cover this low splendid winter and spring edging, bulb-bed and ground-cover plant; 6 inches; sow October to May; Rose (turns lavender); Crimson Gem; Yellow; White; Special All-Colors Mixture. 1 oz., 50c; pkts., 10c.

VISCARIA oculata.

Blue, pink, and white, large, flax-like flowers, very effective in beds and bouquets; 1 foot; sow October to April; Delphinium Blue; Mixed. Pkts., 10c.

WALLFLOWER.

Rich reds, browns, yellows; fragrant, stock-like flowers, for bedding and cutting; 1 to 2 feet; sow September to March. Germinating period 5 to 10 days. Single Annual Blood Red, Paris Brown, Yellow, Mixed. Pkts., 10c. Double Mixed (Early Wonder). Pkts., 15c.

WILD FLOWER MIXTURES.

Contain a great variety of California native flowers, will grow almost anywhere, cover vacant lots and bare corners, and furnish cut-flowers. Best sown in Fall and Early Winter, although they may be planted until May. Campbell's Mixture for Sun; Pound, \$5.00; oz., 50c; pkts., 10c.

XERANTHEMUM.

Pink, lilac, white, silky everlasting flowers, stiff-stemmed; 2 feet; sow February to May. Germinat-ing period 7 to 10 days. Double Mixed. Pkts., 10c.

ZINNIA.

Our summer specialty. Pinks, reds, yellows, and purples, in vivid shades, unexcelled for summer bedding and cut-flowers. We carry the originator's strain, Bodger's Gold Medal Dahlia-flowered and California Giant Zinnias, which cannot be exceeded for size; lack of water or sunshine stunts the flowers, so give them plenty of both. Sow March to July. Germinating period 5 to 10 days.

Dahlia-flowered (huge, loose-petalled, cup-centered flowers; 3 feet):
Canary Bird, yellow; Golden State, light orange; Oriole, deep bronzy orange; Exquisite Pink, light rose with deeper center; Luminosa, bright salmon pink; Old Rose; Scarlet Flame; Crimson Monarch; Dream, lavender; Purple Prince; Gold Medal Mixed. Pkts., 15c.

California Giants (Giant Mammoth; huge, close-petalled, flat-topped blooms; 3 feet):
Daffodil, new canary yellow; Golden Queen, yellow; Orange King, deep orange; Miss Wilmott, soft pink; Enchantress, deep rose pink; Rose Queen, bright carmine pink; Scarlet Gem; Grenadier, deep red; Purity, best white Zinnia; All Colors Mixed. Pkts., 15c.

"Cut and Come" (medium-sized flowers, freely produced, the best of all types for cutting, with the truest zinnia colors; 2 feet):
Canary Yellow; Carmine Red; Salmon Rose; Scarlet; All Colors Mixed. Pkts., 10c.

Pompon (Lilliput; small, very double flowers, fine for edgings and bouquets; 1 to 1½ feet): Canary Yellow, Golden Gem; Salmon Rose; Crimson Gem; Red Riding Hood, scarlet; White; Mixed. Pkts., 10c.

Crown o' Gold, a new and pleasing Zinnia, with golden yellow overlaid on the base of the petals, in a full range of Dahlia-flowered colors. Mixed. Pkts., 15c.

Scabiosa-flowered, new, with tufty, pincushion-centered single flowers. Mixed. Pkts., 15c.

# Your Garden's Headquarters

Let it be the Campbell Seed Stores, for a complete assortment of garden tools, from trowels to mowers; of insecticides, from Volck to Vaporite; of fertilizers, from manures to formula commercials; of lawn, cover-crop, and bird seeds are always carried, and delivered free in Pasadena, South Pasadena, San Marino, Altadena, and Flintridge-La Canada.

# Vegetables

Vegetable seeds of all types are carried in stock in bulk, and put up in our own packets.

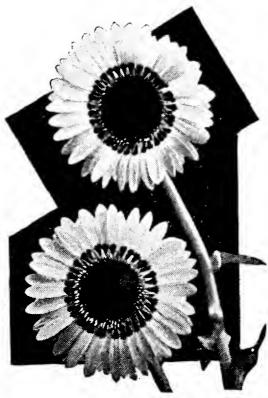
In all cases, these vegetables are the best varieties for Southern California conditions, and are grown from purebred stocks by specialist growers who are constantly bettering their strains through selection.

Ask us for our special vegetable list, and planting directions for Southern California.

# Garden Books

For increased joy in gardening, or for specialized reading on your favorite garden subject, include one of these authoritative books with your seed order. Our complete list includes over 50 Garden Books. Ask for it.

	32 200	
American Alpines in the Garden,		
McCully 19 ill.;	$262 \mathrm{pp}.$	\$ 2.50
McCully 19 ill.; Annuals in the Garden, Ortloff 17 ill.; Azaleas and Camellias, Hume 14 ill.;	88 pp.	1.00
Azaleas and Camellias, Hume 14 ill.;	99 pp.	1.50
The Book of Bulbs, Rockwell 187 ill.;	264 pp.	2.00
The Cactus Book, Houghton 18 ill.;	145 pp.	2.25
California Fruits, Wickson 22 ill.;	505 pp.	4.00
California Garden Flowers, Wickson 15 ill.;	225 pp.	2.50
Dahlias. Rockwell 65 ill.:	80 pp.	1.00
Dahlias, Rockwell 65 ill.; From a Sunset Garden, Mitchell 8 ill.;	337 pp.	3.00
Garden Cinderellas (Lilies), Fox_ 51 ill.;	269 pp.	5.00
The Gardener, Bailey 116 ill.;	260 pp.	2.00
Gardener's Dictionary, Johnson's,	· · · · ·	
	923 pp.	7.00
Gardening in California, Mitchell 28 ill.;	300 pp.	2.50
Gladiolus. Rockwell 45 ill.:	79 pp.	1.00
Gladiolus, Rockwell 45 ill.; The Herb Garden, Bardswell16 color ill.;	189 pp.	3.00
Hortus: A Concise Dictionary of	r r	
Gardening, Bailey 35 ill.;	652 pp.	10.00
How to Grow Roses, Pyle 138 ill.;	221 pp.	2.00
!rises, Rockwell 54 ill.;	80 pp.	1.00
Lawns, Rockwell 39 ill.;	87 pp.	1.00
Manual of Gardening, Bailey 350 ill.;	539 pp.	3.00
Planting Lists for Southern		
California, Hoyt	288 pp.	2.00
Pronouncing Dictionary of	11	
Plant Names	36 pp.	.25
	88 pp.	1.00
Shrubs, Rockwell 49 ill.;	76 pp.	1.00
Southern California Gardening.		
Trask 7 ill.:	64 pp.	1.25
Standard Cyclopaedia of Horti-		
culture, Bailey3 vol.; 5000 ill.;	3637 pp.	25.00



Venidium Fastuosum See page 29.

AFRICAN DAISIES.

Among the newer flowers which are particularly happy in Southern California are the various daisies from South Africa. Try the showy annual Venidiums (above), the perennial Arctotis Hybrids (below), the Dimorphothecas (page 15), as well as the splendid cutting Transvaal Daisy, or Gerbera (page 16.) Heliophila is a new blue South African annual. (See page 18).



New Arctotis Hybrids See page 1.

LOGIN PRINTING & BINDING CO., PASADENA, CALIF.