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New Dahlia Flowered Zinnia

Payne's Garden Guide
Seeds & Plants & Trees

Theodore Payne
345 S. Main St., Los Angeles
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Seeds
All prices quoted on flower, tree, palm and vegetable seeds are post-paid anywhere in the United States, unless otherwise noted. Add 14c per pound for foreign orders.

Bare Root Stock
All prices quoted on Roses, Flowering Plants, Small Fruits, Grape Vines and Hedge or Border Plants do not include postage or express. If requested sent via parcel post, add packing charge of 15% of the total amount of the order and also add postage as follows:
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If requested sent by express, add packing charge only. We advise express shipments on bare root stock whenever possible. We do not ship plant orders of less than one dollar.

Bulbs
All prices quoted on Dahlias, Cannas and Summer Flowering Bulbs are not postpaid. Add postage only at the above rates.

Trees and Shrubs
All prices quoted on Deciduous and Citrus Fruit Trees, Ornamental Trees, Shrubs and Vines are F.O.B. Los Angeles, and can be sent only by express or freight. Add 15% of the total amount of the order for packing charges. Minimum packing charge 25c.

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All prices are subject to change without notice, and all orders accepted subject to prior sale.

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Address all correspondence to

Theodore Payne
345 South Main Street Los Angeles, California
Telephone VAndike 6481
Flower Seeds
All the proven novelties of recent introduction and an extensive list of the older and better known varieties will be found under this head, especial attention being called to the extra fine strains of Pansy, Stock, Snapdragon, Cineraria, Coleus, Calceolaria, Aster, Scabiosa, Sweet Pea and Mammoth Zinnia. A selection of flower seed from this list, planted according to the detailed directions under each head, is sure to produce a flower garden that will meet every expectation.

California Wild Flower Seeds
Over one hundred species in separate packets or in specially prepared mixtures for any location or climate in the world. They lend a charm and uniqueness to a garden that is hard to equal and are very easily grown from seed.

Vegetable Seeds
The staple varieties, proven through use to be adaptable to California conditions of soil and climate. They will prove highly satisfactory in the home garden and profitable to the commercial grower.

Eucalyptus Seeds
Many years of specializing in Eucalyptus seed has made possible a fund of information and advice that will be found invaluable to an intending planter. Methods of planting, selection of varieties for different locations and commercial values are described on pages 42-43 of this catalog.

Tree and Palm Seeds
The largest and most varied assortment on the Pacific Coast, including many rare and very desirable species. Inquiries solicited on varieties not listed.

Ornamental Trees, Shrubs and Plants
A selection may be made from the listed varieties that will meet any requirement. An attempt has been made to list only those varieties of proven ornamental value by actual usage under prevailing conditions.

California Native Trees, Shrubs and Plants
All of the better known and many of the rare species carried in stock at all times. Being natives they are hardy, easily grown and require little water or care after being established.

Landscape Department
Complete facilities for planning and planting of grounds of any size, type or location are at the disposal of architect or home builder in either an advisory or constructive capacity. Suggestive plans and estimates cheerfully furnished.

Order Early
A knowledge both practical and scientific, acquired in thirty-two years of experience with plants and planting in Southern California is back of every item in this catalog—it is your guarantee of a successful garden.

Theodore Payne
345 South Main Street
Los Angeles, Cal.

Visit the ten acre display grounds at 2969-2999 Los Feliz Boulevard between Hollywood and Glendale

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# FLOWERS AND PLANTS

FOR DIFFERENT PURPOSES AND SITUATIONS, WHICH CAN BE GROWN FROM SEED

## FLOWERING ANNUALS

Including some perennials which flower the first season from seed. Those marked * are the best for massing in beds and borders.

<table>
<thead>
<tr>
<th>Abencicia</th>
<th>Acroclinium</th>
<th>Achillea</th>
<th>Alyssum</th>
<th>Anemone</th>
<th>Aquilegia</th>
<th>Arctotis</th>
<th>Aster</th>
<th>Balsam</th>
<th>Bartonia</th>
<th>Bellis</th>
<th>Beilis</th>
<th>Blackey</th>
<th>Bidens</th>
<th>Brachycome</th>
<th>Catharanthus</th>
<th>Chrysanthemum</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Calendula</em></td>
<td><em>Centaurea</em></td>
<td><em>Chinese Wool Flower</em></td>
<td><em>Cineraria</em></td>
<td><em>Clarkia</em></td>
<td><em>Collinsia</em></td>
<td><em>Coreopsis</em></td>
<td><em>Coreopsis (native spec.)</em></td>
<td><em>Cornflower</em></td>
<td><em>Cosmos</em></td>
<td><em>Dahlia</em></td>
<td><em>Dianthus</em></td>
<td><em>Dimorphotheca</em></td>
<td><em>Eryngium</em></td>
<td><em>Erythranthe</em></td>
<td><em>Gaillardia</em></td>
<td><em>Gaillardia</em></td>
</tr>
</tbody>
</table>

## FLOWERING PERENNIALS

<table>
<thead>
<tr>
<th>Anthesia</th>
<th>Acanthus</th>
<th>Aquilegia</th>
<th>Arbutus</th>
<th>Begonia</th>
<th>Campylopus</th>
<th>Canna</th>
<th>Carnation</th>
<th>Chrysanthemum</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Gerbera</em></td>
<td><em>Geranium</em></td>
<td><em>Myosotis</em></td>
<td><em>Nierembergia</em></td>
<td><em>Osteosperma</em></td>
<td><em>Gypsophila</em></td>
<td><em>Gaillardia</em></td>
<td><em>Helinium</em></td>
<td><em>Humenemanna</em></td>
</tr>
</tbody>
</table>

## FLOWERS FOR SHADOWED AND PARTIALLY SHADOWED PLACES

<table>
<thead>
<tr>
<th>Aquilegia</th>
<th>Arbutus</th>
<th>Begonia</th>
<th>Campylopus</th>
<th>Carmen</th>
<th>Chrysanthemum</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Cineraria</em></td>
<td><em>Clarkia</em></td>
<td><em>Collinsia</em></td>
<td><em>Cyclamen</em></td>
<td><em>Daisy</em></td>
<td><em>Digitalis</em></td>
</tr>
</tbody>
</table>

## CLIMBING VINES

### Annuals

<table>
<thead>
<tr>
<th>Cardinal Climages</th>
<th>Convolvulus</th>
<th>Courmber, Wild</th>
<th>Cypress Vines</th>
<th>Humulus</th>
<th>Ipomoea</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Mina</em></td>
<td><em>Momordica</em></td>
<td><em>Nasturtium</em></td>
<td><em>Petunia</em></td>
<td><em>Thunbergia</em></td>
<td><em>Tropaeolum</em></td>
</tr>
</tbody>
</table>

### Perennials

<table>
<thead>
<tr>
<th>Mandevilla</th>
<th>Mauve</th>
<th>Sunflower</th>
<th>Wisteria, see page 69</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Amphelopsis</em>, see page 69</td>
<td><em>Andromonm</em></td>
<td><em>Australian Pea Vine</em></td>
<td><em>Ipomoea</em></td>
</tr>
<tr>
<td><em>Lathyrus</em></td>
<td></td>
<td></td>
<td><em>Ipomoea</em></td>
</tr>
</tbody>
</table>

## FLOWERS FOR CUTTING PURPOSES

<table>
<thead>
<tr>
<th>Ageratum</th>
<th>Antirrhinum</th>
<th>Aquilegia</th>
<th>Arctotis</th>
<th>Aster</th>
<th>Bidens</th>
<th>Bartonia</th>
<th>Calendula</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Callistephus</em></td>
<td><em>Candytuft</em></td>
<td><em>Carnation</em></td>
<td><em>Chinese Wool Flower</em></td>
<td><em>Daisy</em></td>
<td><em>Digitalis</em></td>
<td><em>Erythranthe</em></td>
<td><em>Cornflower</em></td>
</tr>
</tbody>
</table>

## EDGING AND BORDER PLANTS

<table>
<thead>
<tr>
<th>Agapanthus</th>
<th>Alchemilla</th>
<th>Asperulas</th>
<th>Begonia</th>
<th>Bemugia, ever-blooming</th>
<th>Bellis</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Candytuft</em>, dwarf</td>
<td><em>Carnation candidissima</em></td>
<td><em>Centranthus</em></td>
<td><em>Cineraria</em></td>
<td><em>Centaurea</em></td>
<td><em>Carnation</em></td>
</tr>
</tbody>
</table>

## FRAGRANT FLOWERS

<table>
<thead>
<tr>
<th>Abronia</th>
<th>Althaea</th>
<th>Candytuft</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Lupinus</em></td>
<td><em>Minuet</em></td>
<td><em>Mimulus Monchatus</em></td>
</tr>
</tbody>
</table>

## ORNAMENTAL FOLIAGE PLANTS

<table>
<thead>
<tr>
<th>Amaranthus</th>
<th>Centaurea candidissima</th>
<th>Chamaenerion maritima</th>
<th>Coleus</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Kochia</em></td>
<td><em>Pyrethrum</em></td>
<td><em>Nasturtium</em></td>
<td><em>Heliotropium</em></td>
</tr>
</tbody>
</table>

## PLANTS FOR HANGING BASKETS, ETC.

<table>
<thead>
<tr>
<th>Alyssum</th>
<th>Asparagus Rensiger. See</th>
<th>Begonia</th>
<th>Centaurea maritima</th>
<th>Lobarra</th>
<th>Lobelia</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Kochia</em></td>
<td><em>Pyrethrum</em></td>
<td><em>Nasturtium</em></td>
<td><em>Centaurea</em></td>
<td><em>Petunia</em></td>
<td><em>Thunbergia</em></td>
</tr>
</tbody>
</table>

## HEDGE PLANTS

<table>
<thead>
<tr>
<th>Acacia</th>
<th>Cameo</th>
<th>Cassias</th>
<th>Cupressus macrocarpa</th>
<th>Lauristinum</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Ligustrum</em></td>
<td><em>Prunus illicifolius</em></td>
<td><em>Pittosporum</em></td>
<td><em>Privet</em></td>
<td><em>Viburnum</em></td>
</tr>
</tbody>
</table>

## EVERLASTING FLOWERS

<table>
<thead>
<tr>
<th>Acroclinium</th>
<th>Aconitum</th>
<th>Gomphrena</th>
<th>Gypsophila paniculata</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Rhodanthe</em></td>
<td><em>Rudbeckia</em></td>
<td><em>Helichrysum</em></td>
<td><em>Rhus chamaebaccharis</em></td>
</tr>
<tr>
<td><em>Marrubium</em></td>
<td><em>Mariscus</em></td>
<td><em>Crepis</em></td>
<td><em>Malva</em></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><em>Asclepias</em></th>
<th><em>Coreopsis</em></th>
<th><em>Craspedos</em></th>
<th><em>Cupressus macrocarpa</em></th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Pennisetum</em></td>
<td><em>Rosa moschata</em></td>
<td><em>Rhus chamaebaccharis</em></td>
<td><em>Salvia</em></td>
</tr>
<tr>
<td><em>Fritillaria</em></td>
<td><em>Ligustrum</em></td>
<td><em>Pittosporum</em></td>
<td><em>Privet</em></td>
</tr>
<tr>
<td><em>Verbena</em></td>
<td><em>Lonicera</em></td>
<td><em>Prunus illicifolius</em></td>
<td><em>Viburnum</em></td>
</tr>
</tbody>
</table>
GARDEN CALENDAR

NOTE.—In all cases read the special instructions for sowing the different kinds of vegetable and flower seeds, which are given under the headings throughout this catalogue.

JANUARY

Vegetable Garden.—If the ground has not already been worked over this season, spread a good thick dressing of stable manure over the surface, and dig deep, working in well-rotted horse manure or compost. The first seeds should be sown in early March. Sow broad bean, early cabbage, carrot, corn salad, cress, dandelion, endive, kale, Kohlrabi, leek, lettuce, mustard, onion, parsley, parsnip, peas, radishes, spinach and turnip. Prepare hot beds and sow peppers and tomatoes. Plant potatoes, asparagus, horseradish and rhubarb roots also cabbage plants.

Flower Garden.—If the ground has not been worked over this season, spread a good thick dressing of stable manure over the surface, and dig as deep as possible, in order to give the plants a firm support to grow upon. Sow sweet alyssum, balsam, centaurea, annual chrysanthemum, helichrysum, hyssop, lady’s mantle, snip, peas, radishes, spinach and turnip. Prepare hot beds and sow peppers and tomatoes. Plant potatoes, asparagus, horseradish and rhubarb roots also cabbage plants.

FEBRUARY

Vegetable Garden.—Sow beet, early cabbage, carrot, corn salad, cress, dandelion, endive, kale, Kohlrabi, leek, lettuce, mustard, onion, parsley, parsnip, peas, radishes, spinach and turnip. Plant potatoes, asparagus, horseradish and rhubarb roots also cabbage plants.

Flower Garden.—This is a good month to plant roses and all kind of herbaceous and shrubby annuals, acrolinium, albus, anthirrhinum, calendula, calliopsis, cosmos, echinacea, gailardia, larkspur, linum, lupinum, negelia, nigella, potteries and sweet peas, in the open ground; also balsam, begonia, gladiolus, lobelia, prithrimum, salvia, petunia and salvia in seed pans or boxes for transplanting later. Continue to plant anemones, ranunculus, geraniums, larkspur, Lilium auratum and JUNO. Plant candytuft, delphinium, geranium, pansy, petunia, Linum, sweet alyssum, tuberose. Sow gladiolus, agapanthus, amaryllis, also begonia, caladium, gladiolus and tuberose.

MARCH

Vegetable Garden.—Sow artichoke, asparagus, beans, beets, late cabbage, carrot, celery, chervil, chicory, corn salad, sweet corn, cress, cucumber, dandelion, egg plant, endive, kale, Kohlrabi, leek, lettuce, mustard, okra, onion, parsley, parsnip, peas, potatoes, radish, saltbush, salvia, sorrel, spinach, squash, squash, tobacco and turnip. Plant out cabbage, tomato and pepper plants.

Flower Garden.—Sow annuals and ornamental trees and shrubs. Hardy annuals as mentioned for February and the previous months may still be sown in this month. Sow helichrysum, larkspur, lupinum, marigolds, and sweet peas every week. Sow amaranthus, aster, balsam, begonia, centaurea, convolvulus, gaura, helianthus, heliotrope, hibiscus, hunnemannia, ipomoea, mangolds, marigolds, mengniette, mignonette, mina lobata, nasturtium, plectritis, polyanthus, salpiglossis, salvia, scholtzia, sweet alyssum and zinnia. This is the best month in which to sow most kinds of tree seed. Plant gladiolus, begonia, tuberose and dahila bulbs.

APRIL

Vegetable Garden.—Sow artichoke, asparagus, beans, beets, brussels sprouts, late cabbage, carrot, celery, chervil, late cauliflower, chicory, corn salad, sweet corn, cress, cucumber, dandelion, egg plant, endive, kale, Kohlrabi, leek, lettuce, mussel melon, watermelon, mustard, okra, onion, parsley, parsnip, peas, potatoes, pumpkin, radish, saltbush, salvia, sorrel, spinach, squash, squash, tobacco and turnip. Plant out cabbage, brussels sprouts, egg plant, pepper, tomato and sweet potato plants.

Flower Garden.—Sow amaranthus, aquilegia, balsam, centaurea, cosmos, morning glory, centaurea, cypress vine, dahlia, gaillardia, helianthus, heliotrope, humulus, hunnemannia, ipomoea, mangolds, mengniette, mignonette, mina lobata, nasturtium, iodacte, larkspur, linum, lupinum, marigolds, mengniette, mignonette, mirabilis, musk cypress, nigella, ornamental tobacco, salpiglossis, salvia, scholtzia, sweet alyssum and zinnia. Continue to plant hyacinths, tulips, narcissus and other Dutch bulbs.

MAY

Vegetable Garden.—Sow artichoke, asparagus, beans, beets, brussels sprouts, carrot, late cabbage and cauliflower, chervil, chicory, corn salad, sweet corn, cress, cucumber, dandelion, egg plant, endive, lettuce, mussel melon, watermelon, mustard, okra, onion, parsley, parsnip, peas, peppers, potato, pumpkin, radish, saltbush, salvia, sorrel, spinach, squash, squash, tobacco and turnip. Plant out cabbage, brussels sprouts, egg plant, pepper, tomato and sweet potato plants.

Flower Garden.—Sow amaranthus, aquilegia, balsam, centaurea, cosmos, morning glory, centaurea, cypress vine, dahlia, gaillardia, helianthus, heliotrope, humulus, hunnemannia, ipomoea, American and French margolida, maurusativa, mina lobata, nasturtium, portulaca, salpiglossis, salvia, scholtzia and dahila bulbs, also aster and chrysanthemum plants.

JUNE

Vegetable Garden.—Sow beans, beets, brussels sprouts, cauliflower, corn, cress, cucumber, dandelion, endive, kale, Kohlrabi, leek, lettuce, mustard, okra, onion, parsley, peas, pumpkin, radish, saltbush and Indian squash. Plant out brussels sprouts, cabbage, cauliflower and tomato plants.

Flower Garden.—Sow centaurea, cosmos, nasturtium and portulaca. Plant dahila, chrysanthemum, aster, petunia, pentstemon and salvias plants.

JULY

Vegetable Garden.—Sow beans, beets, brussels sprouts, dandelion, endive, kale, Kohlrabi, leek, lettuce, mustard, okra, onion, parsley, peas, pumpkin, radish, saltbush and Indian squash; also tomatoes for winter crop in frostless sections. Plant out brussels sprouts plants.

Flower Garden.—Sow annuals, calendula, cineraria, pansy, pentstemmon, promila, oriental poppy, Shasta daisy, stocks and Christmas flowering sweet peas. Plant bulbs of Lilium harrielli and L. candidum.

AUGUST

Vegetable Garden.—Sow beets, early cabbage and cauliflower, corn, cress, dandelion, endive, kale, Kohlrabi, leek, lettuce, mustard, onion, parsley, parsnip, peas, potatoes, radish and saltbush, also tomato for winter crop in frostless sections.

Flower Garden.—Sow calendula, campanula, cine- raria, pansy, pentstemon, promila, oriental poppy, Shasta daisy, stocks and Christmas flowering sweet peas. Plant bulbs of Lilium harrielli and L. candidum.

SEPTEMBER

Vegetable Garden.—Sow beets, early cabbage and cauliflower, corn, cress, dandelion, endive, kale, Kohlrabi, leek, lettuce, mustard, onion, parsley, parsnip, peas, potatoes, radish and saltbush, also tomato for winter crop in frostless sections.

Flower Garden.—Sow calendula, campanula, cine- raria, pansy, pentstemon, promila, oriental poppy, Shasta daisy, stocks and Christmas flowering sweet peas. Plant bulbs of Lilium harrielli and L. candidum.

OCTOBER

Vegetable Garden.—Sow beets, early cabbage, carrot, corn salad, cress, dandelion, endive, kale, Kohlrabi, leek, lettuce, mustard, onion, parsley, parsnip, peas, potatoes, radish and saltbush.

Flower Garden.—This is a good month in which to sow hardy annuals in the open ground. Sow acrolinium, albus, anthirrhinum, annual chrysanthemum, clarkia, collinsia, cosmos, esch- solzia, gerdela, larkspur, linum, lupinums, mignonettes, nomiloba, nepeta, plectritis, polyanthus, salpiglossis, salvia, scholtzia, sweet alyssum, tuberose. Also California Wild Flowers. Plant hyacinths, tulips, narcissus, jonquils and other Dutch bulbs.

NOVEMBER

Vegetable Garden.—Sow beets, early cabbage, carrot, corn salad, cress, dandelion, endive, kale, Kohlrabi, leek, lettuce, mustard, onion, parsley, parsnip, peas, potatoes, radish and saltbush.

Flower Garden.—Sow hardy annuals in the open ground, such as calendula, campanula, cine- raria, daisy, pansy and stocks; also California Wild Flowers. Continue to plant hyacinths, tulips, narcissus and other Dutch bulbs.

Vegetable Garden.—This is a good month in which to spade over the ground, spread a good thick dressing of stable manure and vegetables. Sow the ground as deeply as possible. Sow beets, early cabbage, carrot, corn salad, cress, dandelion, endive, kale, Kohlrabi, leek, lettuce, mustard, onion, parsley, parsnip, peas, potatoes, radish and saltbush.

Flower Garden.—This is a good month in which to spade over the ground, spread a good thick dressing of stable manure all over the surface and dig the ground as deeply as possible. Sow beets, early cabbage, carrot, corn salad, cress, dandelion, endive, kale, Kohlrabi, leek, lettuce, mustard, onion, parsley, parsnip, peas, potatoes, radish and saltbush. Plant out brussels sprouts, cauliflower and sunflower in the open ground, acrolinium, albus, bartonia, calendula, candytuft, annual chrysanthemum, clarkia, collinsia, cosmos, eschscholzia, gerdela, larkspur, linum, lupins, mignonette, nomiloba, nepeta, plectritis, polyanthus, salpiglossis, salvia, scholtzia, sweet alyssum and tuberose. Also California Wild Flowers. Continue to plant Dutch bulbs and lilacs.
### SEEDING TABLE FOR CALIFORNIA

<table>
<thead>
<tr>
<th>Name of Vegetable</th>
<th>Time to Sow</th>
<th>Seeds Required for</th>
<th>Distance for Plants</th>
<th>Ready for use from seed in about</th>
</tr>
</thead>
<tbody>
<tr>
<td>Artichoke</td>
<td>March to May inclusive</td>
<td>1 oz.</td>
<td>12 ozs. T.</td>
<td>1 in.</td>
</tr>
<tr>
<td>Asparagus</td>
<td>March to May inclusive</td>
<td>1 oz.</td>
<td>2 lbs. T.</td>
<td>1 in.</td>
</tr>
<tr>
<td>Beans, Bush</td>
<td>March to August inclusive</td>
<td>1 lb.</td>
<td>25 to 50 lbs.</td>
<td>2 ins.</td>
</tr>
<tr>
<td>Beans, Pole</td>
<td>March to August inclusive</td>
<td>½ lb.</td>
<td>26 to 40 lbs.</td>
<td>2 ins.</td>
</tr>
<tr>
<td>Beet, Mangold</td>
<td>Any time</td>
<td>2 ozs.</td>
<td>12 lbs.</td>
<td>1 in.</td>
</tr>
<tr>
<td>Beet, Sugar</td>
<td>Any time</td>
<td>1 oz.</td>
<td>15 lbs.</td>
<td>1 in.</td>
</tr>
<tr>
<td>Brussels Sprouts</td>
<td>April to August, inclusive</td>
<td>½ oz.</td>
<td>6 ozs. T.</td>
<td>1½ in.</td>
</tr>
<tr>
<td>Cabbage, Early</td>
<td>August to March, inclusive</td>
<td>½ oz.</td>
<td>6 ozs. T.</td>
<td>1½ in.</td>
</tr>
<tr>
<td>Cabbage, Late</td>
<td>March to May, inclusive</td>
<td>½ oz.</td>
<td>6 ozs. T.</td>
<td>3 in.</td>
</tr>
<tr>
<td>Carrot</td>
<td>September to May, inclusive</td>
<td>¼ oz.</td>
<td>3 lbs.</td>
<td>3 ft.</td>
</tr>
<tr>
<td>Cauliflower, Early</td>
<td>August and September.</td>
<td>½ oz.</td>
<td>6 ozs. T.</td>
<td>1½ in.</td>
</tr>
<tr>
<td>Cauliflower, Late</td>
<td>April to June, inclusive</td>
<td>½ oz.</td>
<td>6 ozs. T.</td>
<td>8 in.</td>
</tr>
<tr>
<td>Celery</td>
<td>March and April</td>
<td>½ oz.</td>
<td>4 ozs. T.</td>
<td>8 in.</td>
</tr>
<tr>
<td>Corn-Salad</td>
<td>September to June, inclusive</td>
<td>1 oz.</td>
<td>5 lbs.</td>
<td>1½ in.</td>
</tr>
<tr>
<td>Corn, Sweet</td>
<td>March to June, inclusive</td>
<td>½ lb.</td>
<td>10 lbs.</td>
<td>2 in.</td>
</tr>
<tr>
<td>Cress</td>
<td>Any time</td>
<td>1 oz.</td>
<td>2 to 3 lbs.</td>
<td>1 in.</td>
</tr>
<tr>
<td><em>Cucumber</em></td>
<td>March to July, inclusive</td>
<td>1 oz.</td>
<td>2 lbs.</td>
<td>1 in.</td>
</tr>
<tr>
<td><em>Egg-Plant</em></td>
<td>March to June</td>
<td>½ oz.</td>
<td>4 ozs. T.</td>
<td>2½ ft.</td>
</tr>
<tr>
<td>Endive</td>
<td>Any time</td>
<td>1 oz.</td>
<td>4 lbs.</td>
<td>2½ ft.</td>
</tr>
<tr>
<td>Herbs</td>
<td>Any time</td>
<td>1 oz.</td>
<td>2 lbs.</td>
<td>6 ft.</td>
</tr>
<tr>
<td>Kale</td>
<td>July to March, inclusive</td>
<td>½ oz.</td>
<td>6 ozs. T.</td>
<td>6 ft.</td>
</tr>
<tr>
<td>Kohlrabi</td>
<td>July to April, inclusive</td>
<td>½ oz.</td>
<td>6 ozs. T.</td>
<td>8 ft.</td>
</tr>
<tr>
<td>Leek</td>
<td>September to April, inclusive</td>
<td>1 oz.</td>
<td>4 lbs.</td>
<td>1½ in.</td>
</tr>
<tr>
<td>Lettuce</td>
<td>Any time</td>
<td>½ oz.</td>
<td>1 to 2 lbs.</td>
<td>1 in.</td>
</tr>
<tr>
<td>Melons, Musk</td>
<td>March to June, inclusive</td>
<td>1 oz.</td>
<td>2 lbs.</td>
<td>1½ in.</td>
</tr>
<tr>
<td>Melons, Water</td>
<td>March to June, inclusive</td>
<td>2 ozs.</td>
<td>8 lbs.</td>
<td>1 in.</td>
</tr>
<tr>
<td>Okra</td>
<td>March to July, inclusive</td>
<td>1 oz.</td>
<td>4 ozs. T.</td>
<td>1½ in.</td>
</tr>
<tr>
<td>Onion</td>
<td>September to April, inclusive</td>
<td>1½ lbs.</td>
<td>300 lbs.</td>
<td>1½ in.</td>
</tr>
<tr>
<td>Parsley</td>
<td>Any time</td>
<td>1 oz.</td>
<td>3 to 5 lbs.</td>
<td>1½ in.</td>
</tr>
<tr>
<td>Parsnip</td>
<td>September to May, inclusive</td>
<td>1 oz.</td>
<td>5 lbs.</td>
<td>1½ in.</td>
</tr>
<tr>
<td>Peas</td>
<td>Any time</td>
<td>2 lbs.</td>
<td>80 lbs.</td>
<td>2 to 3 ins.</td>
</tr>
<tr>
<td><em>Pepper</em></td>
<td>March to June, inclusive</td>
<td>¼ oz.</td>
<td>½ lbs. T.</td>
<td>2½ ft.</td>
</tr>
<tr>
<td>Potato, cut</td>
<td>January to September, inclusive</td>
<td>5 lbs.</td>
<td>600 lbs.</td>
<td>6 ins.</td>
</tr>
<tr>
<td>Pumpkin</td>
<td>April to July, inclusive</td>
<td>1 pkt.</td>
<td>2 lbs.</td>
<td>1½ in.</td>
</tr>
<tr>
<td>Radish</td>
<td>Any time</td>
<td>1 oz.</td>
<td>12 lbs.</td>
<td>2 in.</td>
</tr>
<tr>
<td>Rhubarb</td>
<td>February to April, inclusive</td>
<td>¼ oz.</td>
<td>4 ozs. T.</td>
<td>1½ ft.</td>
</tr>
<tr>
<td>Salsify</td>
<td>February to May, inclusive</td>
<td>1 oz.</td>
<td>15 lbs.</td>
<td>1½ in.</td>
</tr>
<tr>
<td>Spinach</td>
<td>Any time</td>
<td>2 ozs.</td>
<td>12 lbs.</td>
<td>1½ in.</td>
</tr>
<tr>
<td>Squash, Bush</td>
<td>March to July, inclusive</td>
<td>1 oz.</td>
<td>3 lbs.</td>
<td>1½ in.</td>
</tr>
<tr>
<td>Squash, Late</td>
<td>March to June, inclusive</td>
<td>½ oz.</td>
<td>2 lbs.</td>
<td>1½ in.</td>
</tr>
<tr>
<td>Swiss Chard</td>
<td>Any time</td>
<td>1 oz.</td>
<td>12 lbs.</td>
<td>1 in.</td>
</tr>
<tr>
<td><em>Tomato</em></td>
<td>March to June, inclusive</td>
<td>1 oz.</td>
<td>2 to 4 ozs.</td>
<td>1½ ft.</td>
</tr>
<tr>
<td>Turnip</td>
<td>October to May, inclusive</td>
<td>1 oz.</td>
<td>2 lbs.</td>
<td>1½ in.</td>
</tr>
</tbody>
</table>

Those marked with a (*) may be started in a hot-bed or small paper pots four or five weeks earlier and transplanted outdoors when safe. We recommend paper pots, as they are very cheap and lessen the danger of losing plants in transplanting.

T.—In the quantity column means the quantity of seed required to raise enough plants to transplant to an acre
Vegetable Seeds for the Home Garden

In every home there is some decided preference for certain varieties of vegetables. Why not use that piece of ground along the back fence for growing your own? You know there is nothing so appetizing as fresh vegetables, right out of the ground, and it furnishes a real interest and healthful recreation for at least one member of the family. Select your favorite sorts from the following pages and plant a vegetable garden this year.

NOTE—All prices are postpaid anywhere in the United States; add 14¢ per pound on foreign orders. Write for attractive prices on large quantities.

**ARTICHOKE**

*Alcachofa—Artischoke—Artichaut*

**Culture.**—Sow early in spring in beds or drills and the following season transplant 4 feet apart each way.

**LARGE GREEN GLOBE.** The standard variety.

Pkt. 10c; oz. $1.20; ¼ lb. $4.00.

**ARTICHOKE PLANTS.** See page 16.

**MARKET GARDENERS—** Write for attractive prices on large quantities. Use the order sheet for your want list and we will gladly quote the latest market prices.

**ASPARAGUS**

*Esparago—Spargel—Asperge.*

**Culture.**—Soak the seed in warm water for 24 hours and sow in drills 14 inches apart; keep well watered and cultivated. The following winter transplant to rows 2 feet apart, placing the plants 18 inches apart in the row. The ground must be well manured and trench 2 feet deep or more and the plants should be set so that when established the crowns will be 8 inches under the surface.

**GIANT ARGENTEUIL.** A favorite variety in the Paris markets and now in great demand in this country. Of enormous size, tender and of delicious flavor. Pkt. 10c; oz. 20c; ¼ lb. 50¢; 1 lb. $1.50.

**PALMETTO.** The standard market variety, bright green color. Pkt. 10c; oz. 20c; ¼ lb. 45¢; 1 lb. $1.25.

**ASPARAGUS ROOTS.** See Page 16.

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Large Green Globe Artichoke

Ventura Wonder Wax Beans

**BEANS**

**DWARF OR BUSH**

*Frijoles—Bohne—Haricots Nains*

**Culture.**—After danger of frost is over plant in good mellow soil in drills 2 inches deep and 2 feet between the rows, placing the beans 3 or 4 inches apart. One pound will sow 100 feet of row.

**WAX OR YELLOW PODDED**

**GOLDEN WAX.** Pods rather flattened, light yellow, brittle and with few strings. A standard sort and a good producer. Pkt. 10c; ¼ lb. 25¢; lb. 40¢.

**PROLIFIC BLACK WAX.** Pods bright yellow nearly round; very early and productive. Pkt. 10c; ¼ lb. 20¢; lb. 40¢.

**STRINGLESS OR REFUGEE WAX.** Pods round, rich golden yellow, entirely stringless and of the best quality. Extremely prolific and a great favorite among market growers. Pkt. 10c; ¼ lb. 20¢; lb. 40¢.

**VENTURA WONDER WAX.** Pods often 9 inches long, straight, oval, entirely stringless, transparently white, and of finest flavor. Hardy and productive. Pkt. 10c; ¼ lb. 25¢; lb. 40¢.

**GREEN PODDED**

**BURPEE'S STRINGLESS GREEN POD.** Pods long, straight, entirely stringless, brittle and of good flavor; early. Pkt. 10c; ¼ lb. 20¢; lb. 40¢.
**Canadian Wonder**. Long, flat pods, very tender, prolific, and in flavor and appearance unsurpassed. Pkt. 10c; ½ lb. 20c; lb. 35c.

**Extra Early Refugee**. A favorite for canning, of good quality early and prolific. Pkt. 10c; ½ lb. 20c; lb. 35c.

**Long Yellow Six Weeks**. A favorite market variety. Pods green, long and tender; very early. Pkt. 10c; ½ lb. 20c; lb. 35c.

**Pole or Running Beans**

- *Frijole de Héjarro—Strangelfröhlein—Haricots a Ramee.*
  - Culture.—Plant in rich soil in hills 3 feet apart each way. Place an 8 ft. stake to each hill around which plant 5 or 6 beans and afterwards thin out to the 4 strongest plants. They are also grown in hills 4 feet apart, without poles, allowing the vines to run.

- *Asparagus or Yard Long.* A curious variety. Produces pods 15 to 30 inches long; excellent for the home garden. Pkt. 10c.

- *Horticultural or Speckled Cranberry.* An old favorite sort. Pods light green streaked with red. Good as a snap bean or shelled, green or dried. Pkt. 10c; ½ lb. 20c; lb. 35c.

- *Kentucky Wonder or Old Homestead.* The most productive and best pole bean for this climate. Pods hang in large clusters, long, brittle and of fine quality. Pkt. 10c; ½ lb. 20c; lb. 35c.

- *White Seeded Kentucky Wonder.* A variety of recent introduction possessing all the qualities of the old variety of that name, but having white seed. Pkt. 10c; ½ lb. 20c; lb. 40c.

- *Kentucky Wonder Wax.* The best Pole Wax bean, having all the good qualities of the green variety of that name. Pkt. 10c; ½ lb. 20c; lb. 35c.

- *Lazy Wife.* Pods 6 to 8 inches long, produced in clusters, entirely stringless and of a rich, buttery flavor; also a good white shell bean for winter use. Pkt. 10c; ½ lb. 20c; lb. 35c.

- *Scarlet Runner.* A favorite variety in English gardens. Prolific and of rich flavor. Also useful as an ornamental vine. Flowers are bright scarlet and very showy. Pkt. 10c; ½ lb. 20c; lb. 35c.

- **Lima Beans**

  Culture.—Lima Beans should not be sown until after the ground is well warmed up in spring. Sow the bush varieties in rows 2 feet apart and the pole kinds in hills 4 feet apart.

- **Burpee’s Improved Bush.** Earlier and more productive than the Burpee’s Bush. Both the pods and beans are of enormous size. One of the most valuable of late introduction. Pkt. 10c; ½ lb. 20c; lb. 35c.

- **Fordhook Bush Lima.** This is a variety of recent introduction, and is the most prolific lima bean ever grown. It usually grows from 24 to 24 inches high, and bears in clusters of 2 to 5 pods. The beans are round and thick, averaging 4 beans to the pod, of a mild but delicious flavor. Pkt. 10c; ½ lb. 20c; lb. 35c.

**Monstrous Bush Lima Bean**

**King of the Garden—Pole Lima.** Produces pods 5 to 7 inches long, well filled with good-sized beans of rich flavor. Very heavy and is one of the best for general use. Pkt. 10c; ½ lb. 20c; lb. 35c.

**Monstrous Bush Lima.** The largest of all the lima kinds and exceedingly prolific. By pruning the bushes at the right season, they can be made to bear at least two crops a year for several years. The beans are exceptionally fine flavored and considered by many to be the best lima bean grown.

- Plant 6 x 6 ft. about the 1st of April, leaving one plant to the hill. After they come into bearing, they will continue until frost cuts down the tender growth, when they should be pruned similarly to garden vines. Shortly after new growth will appear which, by early summer, will be producing another crop. In July the second crop will become fully grown. It should be pruned as before and by October the 3rd crop will be ready to pick. Pkt. 10c; ½ lb. 25c; lb. 60c.

**English or Broad Beans**

- *Habs—Puffbohne—Pève de Marais.*
  - Culture.—Plant in fall or early winter in drills 2 inches deep and 2 to 3 feet between the rows, placing the beans 6 inches apart. When in full bloom nip a few inches off the top of each stem. The plants are quite hardy and bear in winter or early spring. The beans are shelled green and cooked like lima beans and can be had at a time of year when green lima beans are not obtainable.

- *Broad Windsor.* An old favorite variety. Pkt. 10c; ½ lb. 20c; lb. 30c.

**Beets**

  - Culture.—Sow in drills 18 inches apart and cover 1 inch deep. When the plants are large enough thin out to 6 inches apart. Beets can be planted in California the year round. One ounce will sow 50 feet of row.

- *Crosby’s Egyptian.* A selection from the Extra Early Egyptian. Slightly longer, and grows shaped than the parent. Flesh deep red and of the finest quality. Considered by many the best beet on the market. Pkt. 5c; oz. 15c; ½ lb. 40c; lb. $1.25.

- *Detroit Dark Red.* One of the very best for either market or home use. Tops very small; root—globe shaped, dark blood red, tender and sweet. Pkt. 10c; oz. 15c; ½ lb. 40c; lb. $1.25.

- *Eclipse.* Extremely early, round, blood red, small tops. Pkt. 10c; oz. 15c; ½ lb. 35c; lb. $1.00.

- *Edmand’s Early Blood Turnip.* Of finest quality, extra early. Pkt. 10c; oz. 15c; ½ lb. 40c; lb. $1.00.

- *Extra Early Egyptian.* A standard variety for general use. Pkt. 10c; oz. 15c; ½ lb. 35c; lb. $1.00.

- *Long Dark Blood.* Smooth, dark red, of good size and desirable for light soils. Pkt. 10c; oz. 15c; ½ lb. 35c; lb. $1.00.

- *Swiss Chard or Silver.* Grown for the leaves which are cooked like Spinach; grows quickly and can be cut off. Pkt. 10c; oz. 15c; ½ lb. 35c; lb. $1.00.

**Swiss Chard or Silver.** Grown for the leaves which are cooked like Spinach; grows quickly and can be cut off. Pkt. 10c; oz. 15c; ½ lb. 35c; lb. $1.00.

**Swiss Chard, Lucullus.** A superior variety with large, crumpled leaves, very tender and of fine flavor. The stalks are very heavy, 1½ inches in diameter and 10 to 12 inches long below the leaf. These stalks may be cooked and served like Asparagus and are of delicious flavor. Pkt. 10c; oz. 15c; ½ lb. 35c; lb. $1.00.

**Stock Beets or Mangel-Wurzel**

- Culture.—Sow in drills 2½ to 3 feet apart and thin out to 12 or 18 inches in the rows. Six pounds per acre.

**Golden Tankard.** The favorite variety among dairymen and the best for heavy soil. Pkt. 10c; lb. 60c.

**Improved Mammoth Long Red.** Yields immense roots and succeeds well on light soil. Pkt. 10c; lb. 60c.

**Sugar Beets**

- Culture.—Sow in drills 18 to 24 inches apart and thin out to 1 foot in the rows. Fifteen pounds per acre.

**Klein Wanzelebren.** The kind generally grown here for sugar; also used for stock feeding. Pkt. 10c; lb. 60c.

**Giant Half Sugar Rose.** A cross between sugar beet and mangel. Produces very large roots of the richest quality; especially valuable for stock. Pkt. 10c; lb. 60c.
BRUSSELS SPROUTS

Herza de Bruxelas—Rosenkohl—Chou de Bruxelles.

Culture.—Sow in spring or summer in seed beds, transplant and cultivate like cabbage. One ounce will sow a bed of 40 square feet and produce 2000 plants.

DWARF IMPROVED. The standard sort. Pkt. 10c, oz. 40c; ¼ lb. $1.35; lb. $4.00.

CABBAGE

Repelle—Kopfkohl—Chou Pomme.

Culture.—Sow in seed beds at intervals for succession. The early varieties in August and each month following until April. The Drumhead varieties sow in March for late crop. Transplant when large enough to rows 2½ feet apart and 1½ feet in the rows for the early sorts, and 3 feet apart each way for the late varieties. Take care to set the stems in the ground up to the first leaf. Cabbage requires a rich, well-manured soil and should be hoed or cultivated frequently, drawing the soil slightly up around the stems. One ounce will sow a bed of 40 square feet and produce 2000 plants.

DANISH BALL HEAD. Of medium size, heads round, very solid and a good shipper. One of the best winter varieties. Pkt. 10c oz. 40c; ¼ lb. $1.35; lb. $4.00.

DRUMHEAD SAVOY. A favorite variety of Curled Cabbage. Pkt. 10c; oz. 40c; ¼ lb. $1.35; lb. $4.00.

EARLY WINNIGSTADT. The favorite market variety, both for shipping and local sale. Heads cone shaped, solid, of good size and for quality unsurpassed. Pkt. 10c; oz. 25c; ½ lb. $1.20; lb. $3.50.

LARGE LATE DRUMHEAD. A well known late sort producing immense compact heads. Pkt. 10c, oz. 35c; ¼ lb. $1.20; lb. $3.50.

PREMIUM FLAT DUTCH. A favorite variety for winter, large and of excellent quality. Pkt. 10c, oz. 35c; ¼ lb. $1.20; lb. $3.50.

RED DRUMHEAD. For pickling; large, deep red color. Pkt. 10c; oz. 35c; ¼ lb. $1.20; lb. $3.50.

CARROT

Zunnahorin—Mochre—Carotte.

Culture.—The soil best suited for this crop is a light, rich loam. Sow any time from September to end of May in drills 15 inches apart, covering the seed lightly. When the plants are large enough thin out to 5 to 6 inches apart in the rows. One ounce will sow 150 feet of drill. Three pounds per acre.

DANVERS’ HALF LONG. A standard variety. Roots about 6 inches long, rich orange color, very symmetrical and handsome. Pkt. 10c; oz. 20c; ¼ lb. 45c; lb. $1.25.

EARLY FRENCH FORCING HORN. The smallest and earliest variety grown; much used for forcing roots nearly round. Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. $1.50.

IMPROVED LONG ORANGE. Very long, handsome roots of good quality. Valuable for the table and also for stock feeding. Pkt. 10c; oz. 20c; ¼ lb. 45c; lb. $1.25.

OXHEART OR GERANDE. The favorite table sort, often called “French Carrots.” Roots about 5 inches long and 1 or 2 inches diameter, tightly rooted, easily pulled and best for heavy soils. Pkt. 10c; oz. 20c; ¼ lb. 45c; lb. $1.25.

CAULIFLOWER

Cauliflor—Blumenkohl—Choufleur.

Culture.—To be successfully grown this crop requires very rich soil and careful cultivation. Sow in seed beds, the early varieties in August and September, and the late ones in spring; transplant and cultivate same as Cabbage. One ounce will sow a bed of 40 square feet and produce 2000 plants.

DRY WEATHER. An early variety producing large, solid heads, pure white and of the best quality. This variety is particularly adapted to California and the Southwest. Pkt. 25c; ½ oz. $1.00; oz. $3.50; ½ lb. $10.00; lb. $35.00.

EARLY DWARF ERFURT. Of dwarf, compact habit, early, a sure header. Pkt. 25c; ¼ oz. $1.00, oz. $3.50, ½ lb. $10.00, lb. $35.00.

HENDERSON’S EARLY SNOWBALL. The most popular variety, very early and reliable header. Pkt. 10c; ½ oz. $1.00, oz. $3.50, ½ lb. $10.00, lb. $35.00.

LARGE ALGIERS. A favorite late variety, very large heads. Pkt. 15c; oz. $1.50; ¼ lb. $3.00.

VEITCH’S AUTUMN GIANT. A large, late variety which thrives well in this section. The heads are solid, compact and well protected by the foliage. Pkt. 10c; oz. $1.35; ¼ lb. $4.00.

Early Dwarf Erfurt Cauliflower

California Grown Cauliflower

For years it was considered necessary to import all our cauliflower seed from Europe, but now the best cauliflower seed for Southern California is grown right here at home. About 90% of the cauliflower grown here for market is produced from California seed. I have made arrangements with one of the best growers in Southern California to supply this seed.

California Early Giant. Large solid heads, the best for early market. Pkt., 10c; ½ oz. 65c; oz. $2.00; ¼ lb. $6.65; lb., $20.00.

California Second Early Giant. Larger than the preceding, for main crop. Solid heads and well protected by foliage. Pkt., 10c; ½ oz. 65c; oz. $2.00; ¼ lb. $6.65; lb., $20.00.

California Late Giant. Very large, for late market use. Pkt., 10c; ½ oz. 65c; oz. $2.00; ¼ lb. $6.65; lb., $20.00.
CELEBRAC OR TURNIP-ROOTED CELERY. Forms turnip-shaped roots, having a celery-like flavor, and is used for soups and salads; also boiled like parsnips or turnips. Pkt. 10c, oz. 35c, ½ lb. $1.25, lb. $5.50.

CORN

SWEET OR SOUR Maiz—Weleskorn-Korchmás

Culture. Sow any time from March to end of June, in drills or hills. The smaller varieties may be planted in drills 3 feet apart and 1 foot apart in the rows, or in hills 3 feet apart each way, covering the seed about 2 inches. The taller varieties, 4 feet by 15 inches, or in hills 4 feet apart each way. Corn thrives best in a rich, warm soil; use some well rotted manure, and cultivate well so as to keep the ground loose, and draw it up slightly around the roots.

BLACK MEXICAN. The kernels are white when young or at the age when suitable for cooking, but when ripe and dry turn to a bluish black color. Thrives well in this climate: is not productive and the sweetest corn grown. Pkt. 10c; ½ lb. 20c; lb. 35c.

COUNTRY GENTLEMAN. A favorite for home use. It is a very small cob, closely covered with deep, narrow kernels, which are excellent for cooking. Ears average 8 to 9 inches in length and from 3 to 4 on a stalk. Pkt. 10c; ½ lb. 20c; lb. 35c.

EARLY MINNESOTA. The standard early variety, productive and of good quality. Pkt. 10c; ½ lb. 20c; lb. 35c.

EXTRA EARLY ADAMS. Not a true sweet corn, but planted for table use. Pkt. 10c; ½ lb. 20c; lb. 35c.

GOLDEN BANTAM. An extra early dwarf variety. Ears of medium size, thickly set with rich yellow kernels of a most delicious flavor. This variety has become a general favorite on account of its earliness, hardness and extra fine quality. Pkt. 10c; ½ lb. 20c; lb. 35c.

OREGON EVERGREEN. This is without doubt the best sweet corn ever grown, and is a great favorite among market growers in this section. It is very productive, bearing long, well-filled ears, and is of a particularly fine flavor. Many varieties of sweet corn do not thrive as well in California as in the East, and it has sometimes been said that good sweet corn was not to be had here. This variety, however, seems particularly adapted to our local conditions, and produces ears of the very finest quality. Pkt. 10c; ½ lb. 20c; lb. 35c.

STEWELL'S EVERGREEN. The standard late variety for home and market use. Grows tall and remains green longer than any other sort. The ears are large and grains exceedingly deep and sweet. Pkt. 10c; ½ lb. 20c; lb. 35c.
OREGON EVERGREEN SWEET CORN

LEMON CUCUMBER. Quite distinct from other cucumbers, and in shape much resembling a lemon. It is ready to eat when it begins to turn yellow, and has a fine flavor. It is a good shipper, and also one of the best for the home garden. Pkt. 10c, oz. 30c, 1/4 lb. $1.00 lb. $3.00.

WEST INDIA GHERKIN. A very small fruited variety used for pickling. Pkt. 10c, oz. 50c, 1/4 lb. $1.00, lb. $5.00.

CRESS OR PEPPER GRASS

Berro o Mastuerco—Kresse—Creesson

Cress Culture. Sow thickly, broadcast in small beds or in drills 1 foot apart, at frequent Intervals for a succession. Plants will be ready to use in about three weeks. Succeeds best during winter and spring, but may be grown in summer if sown in a cool, shady place.

EXTRA CURLED. Leaves curled, crisp and pungent. Pkt. 10c; oz. 20c; 1/4 lb. 50c; lb. $1.50.

WATER CRESS

Berro—Brunnenkresse—Creesson de fontaine

CULTURE. Sow the seed by the side of running water or in a damp place.

WATER CRESS. Pkt. 10c, oz. 60c, 1/4 lb. $2.00.

CUCUMBER

Pepino—Gurke—Concombre

Culture. As soon as the weather becomes warm and settled commence sowing for the early crop; later plantings may be made up until August. Select good, rich, mellow soil, and sow in hills 4 feet apart each way, 8 to 10 seeds in a hill, covering 1 inch deep with well pulverized soil. After danger from insects is over, thin out to the four strongest plants. One ounce will plant 60 hills, or 2 pounds to one acre.

BOSTON PICKLING. A favorite for pickling, also good for slicing. Dark green, straight and well formed. Pkt. 10c; oz. 25c; 1/4 lb. 65c; lb. $2.00.

DAVIS PERFECT. This splendid variety, introduced a few years ago, has now become very popular. The fruits are very symmetrical, 8 to 10 inches in length, dark glossy green, tender and of exceptionally fine flavor. Pkt. 10c; oz. 25c; 1/4 lb. 55c; lb. $2.50.

IMPROVED LONG GREEN. A standard sort, 12 to 18 inches long, dark green, firm and crisp. Pkt. 10c; oz. 25c; 1/4 lb. 65c; lb. $2.00.

IMPROVED WHITE SPINE. A vigorous grower, early and productive. Fruit straight, light green with a few white spines; one of the best for table use. Pkt. 10c; oz. 20c; 1/4 lb. 65c; lb. $2.00.

KLONDYKE. One of the best for market. The fruits grow very uniform, usually measuring about 7 inches long and 2 inches in diameter; of rich green color, excellent for slicing. Pkt. 10c; oz. 25c; 1/4 lb. 55c; lb. $2.50.

NICOL'S MEDIUM GREEN. The standard sort for pickling; also one of the best for table use. Fruit well shaped, dark green, crisp and of the finest flavor. Pkt. 10c; oz. 20c; 1/4 lb. 65c; lb. $2.00.

JAPANESE CLIMBING. One hill will cover a trellis 10 feet square. The fruits are dark green, excellent for table use or pickling. Pkt. 10c; oz. 25c; 1/4 lb. 55c.

ROLLSON'S TELEGRAPH. The popular English variety for forcing. Fruits often 2 feet or more in length, firm and crisp. Pkt. 25c.

EGG PLANT

Berengena—Eierpflanze—Aubergine

CULTURE. Sow from February to June in rich soil composed of leaf mold and sandy loam. The earlier sowings should be in a hot bed; the seed germinates very slowly, and should be kept in a warm, even temperature. When 5 or 6 inches high, transplant into small pots and place in a frame, gradually harden off, and when the weather is warm and settled transplant to the open ground. Select light, rich soil, and plant 4 feet apart each way; when about 1 foot high draw the earth up slightly around the roots.

BLACK BEAUTY. Large, rich, dark purple, very early. Pkt. 10c, oz. 75c, 1/4 lb. $2.50, lb. $7.50.

NEW YORK IMPROVED PURPLE. The leading variety both for market and home use. Pkt. 10c, oz. 75c, 1/4 lb. $2.50, lb. $7.50.
ENDIVE

Escarola o Endibia—Endivien—Chicories

Culture. May be sown in drills 15 inches apart any time during the year. When a few inches high, thin out the plants to 10 inches apart, or transplant to other rows. As soon as the plants have reached a good size, gather the ends of the outer leaves together and tie at the top so as to Blanch the inside leaves. One ounce will sow 150 feet of drill.

BROAD LEAVED BATAVIAN. (Scarole.) Leaves light green, broad and nearly plain. When blanched, makes an excellent salad. It is also used for flavoring soup and stews, and is sometimes cooked as greens. Pkt. 10c; oz. 25c; ¼ lb. 85c; lb. $2.50.

FRENCH MOSS CURLED. (Chicoree Frises.) Leaves deeply cut and curled, giving it a moss-like appearance. Pkt. 10c; oz. 50c; ¼ lb. 85c; lb. $2.50.

French Moss Curled Endive

KALE OR BORECOCLE

Col—Blatterkohl—Chou Vert

Culture. Sow the seed in beds from July to March; when large enough, transplant to rich, mellow ground and cultivate same as Cabbage. One ounce of seed will produce 2000 plants.

TALL GREEN CURLED SCOTCH. Grows from 1½ to 2 feet high; the variety most generally used. Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. $1.50.

JERSEY OR TREE KALE. A tall growing variety with smooth leaves. Used for poultry and stock food. Pkt. 10c; oz. 20c; ¼ lb. 45c; lb. $1.25.

MARKET GARDENERS—Write for attractive prices on large quantities. Use the order sheet for your want list and we will gladly quote the latest market prices.

KOHL RABI

Collinfo—Kohlrabi—Chou-rave

Culture. Sow in drills 2 feet apart any time from July to April. When large enough, thin out to 1 foot apart in the rows. One ounce will sow 150 feet of drill.

EARLY WHITE VIENNA. Greenish white outside, flesh white and tender. Pkt. 10c; oz. 30c; ¼ lb. $1.00; lb. $3.00.

EARLY PURPLE VIENNA. Similar to the above, but of purple color. Pkt. 10c; oz. 30c; ¼ lb. $1.00; lb. $3.00.

LEEK

Puerro—Lauch—Poiréau

Culture. Sow in good rich soil any time from September to April in drills 15 inches apart and ¾ inch deep, and thin out to 10 inches apart. One ounce will sow 100 feet of drill.

LONDON FLAG. Large and uniform in shape. A popular market sort. Pkt. 10c; oz. 35c; ¼ lb. $1.15; lb. $3.50.

LEEK

LETTUCE

Lactuca—Saint—Laitue

Culture. Can be sown at any time in California, in drills 15 inches apart, covering the seed very lightly; when large enough, thin out to 1 foot apart in the rows. Or the seed may be sown in beds and transplanted. The latter is preferable for summer planting, as the seed requires a great deal of moisture to germinate, and when sown in a bed it can be kept moist by spreading burlap or sacks over the surface of the ground and sprinkling well twice a day; after the seed is germinated the sacks may be removed, but care must be taken to keep the plants well handled. One ounce will produce about 3000 plants.

BIG BOSTON. One of the best for California; succeeds well under great variations of temperature. Heads large, solid, crisp and tender. Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. $1.50.

EARLY CURLY SIMPSON. Large, curly leaves, forms large, loose heads; a favorite early sort. Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. $2.00.

ICEBERG. A popular summer variety; heads well, even in the hottest weather; large, crisp and remarkably solid. Pkt. 10c; oz. 20c; ¼ lb. 65c; lb. $2.00.

IMPROVED HANSON. Large, solid heads; leaves bright green on the outside, white within; crisp and tender. A favorite market sort. Pkt. 10c; oz. 20c; ¼ lb. 65c; lb. $2.00.

LOS ANGELES MARKET, OR NEW YORK SPECIAL. This lettuce is largely grown by market gardeners, and is the best selling lettuce in the Los Angeles market, while large quantities are shipped to other points as far north as Portland and east to Salt Lake City and Denver. It forms a very large, perfectly solid head. The outer leaves are green, but after stripping these off there remains a large, white, solid head, which is very crisp and tender. Pkt. 10c; oz. 30c; ¼ lb. $1.00; lb. $2.00.

PARIS WHITE COS. (Romaine.) Long, smooth leaves, remarkably crisp and tender. The outer leaves should be drawn together and tied at the tips about 10 days before cutting, in order to Blanch the inside leaves. Pkt. 10c; oz. 20c; ¼ lb. 65c; lb. $2.00.

PRIZEHEAD. Forms large, loose heads, remaining crisp and tender a long time; leaves slightly tinged with red. Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. $1.50.

Iceberg Lettuce

MUSKMELON

Melon Almuscle—Cantalupen—Muscade

Culture. May be planted from March to end of June. Select light, warm soil and plant in hills 4 feet apart each way, from 6 to 8 seeds in a hill and 1 inch deep. When large enough, thin out to the three strongest seedlings. One ounce will sow about 100 hills.

HURRELL'S GEM. Oval, of medium size and deeply netted. The flesh is salmon-colored and of the finest flavor. Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. $1.50.
Honey Dew Musk Melon

EXTRA EARLY HACKENSACK. Large, nearly round, deeply ribbed, and very thickly netted. Flesh green, solid, and of a delicious flavor. A popular sort; nearly two weeks earlier than the Large Hackensack. Pkt. 10c; oz. 25c; ¼ lb. 50c; lb. $1.50.

GAUTIER'S PINEAPPLE. This is the favorite melon on the Los Angeles market. Oval, skin thickly netted; flesh green and of delicious flavor. Pkt. 10c; oz. 20c; ¼ lb. 60c; lb. $1.75.

HONEY DEW. This new melon is the latest and best development in melon culture. Outer skin smooth, hard and creamy white, flesh light green, very solid and of rich honey flavor. Pkt. 10c; oz. 25c; ¼ lb. 85c; lb. $2.50.

PERSEAN. New yellow-fleshed variety, sweet distinct flavor. Heavily netted but smooth rind. Good keeper and a money maker. Pkt. 10c; oz. 50c; ¼ lb. $1.45; lb. $5.00.

TIP TOP. Almost round, of medium size. Flesh yellow, firm and of delicious flavor, edible almost to the rind. A melon of attractive appearance, selling quickly in all the markets. Pkt. 10c; oz. 25c; ¼ lb. 85c; lb. $2.50.

ROCKY FORD. Slightly oval in shape, finely netted, very regular and even in size, weighing about 1½ pounds; flesh light green in color and of delicious flavor. A popular early sort, named after Rocky Ford, Colorado, but now grown in immense quantities in the Coachella and Thermal districts, producing the earliest melons in the United States and shipped east by the carload. Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. $1.50.

Golden Beauty Casaba Melon

CASABAS

CASABA, OR WINTER PINEAPPLE. Large, oval, skin corrugated, grayish green color; flesh firm, light green and of a delicious pineapple flavor. A very late variety; the melons do not usually ripen on the vines, but should be picked and stored in a cool, dry place, and if carefully handled may be kept till late in the winter. Pkt. 10c; oz. 25c; ¼ lb. 85c; lb. $2.50.

GOLDEN BEAUTY, similar to the Winter Pineapple, but of a beautiful golden-yellow color. It is a good keeper, and on account of its handsome appearance it is one of the best winter melons for market purposes. Pkt. 10c; oz. 25c; ¼ lb. 85c; lb. $2.50.

IMPROVED HYBRID CASABA. Deep green and heavily ribbed, of medium size; flesh thick and of a beautiful quality. Pkt. 10c; oz. 25c; ¼ lb. 85c; lb. $2.50.

SANTA CLAUS. A very late variety. Oblong, mottled yellow and green, flesh light green and of rich flavor. Pkt. 10c; oz. 25c; ¼ lb. 85c; lb. $2.50.

WATERMELON

Sandia—Wassermelone—Melon d’Eau

Culture. Plant from March to July, in good, light, sandy loam, in hills 8 to 10 feet apart each way and from 10 to 12 seeds in a hill; cover the seed from 1 to 2 inches deep, but not more. When large enough, thin out to the three strongest plants.

ANGELINO. Medium size, dark green, flesh dark red, crisp and very pale green. Good keeper and one of the best market varieties. Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. $1.50.

CHILIAN. Of medium size, almost round, dark green, slightly mottled with blackish green. Rind thick, not over a quarter of an inch thick, but very hard and never cracks in shipping. Flesh solid, crisp and deep crimson, seed clear, through. One of the favorite Los Angeles melon market melon. Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. $1.50.

BLACK SEEDED CHILIAN. This is preferred by some to the preceding variety, and is considered a little earlier. Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. $1.50.

KLECKLEY SWEET. One of the finest melons for home use. Oblong in form, 15 to 20 inches long and 10 to 12 inches in diameter. Skin dark, rich green flesh bright scarlet, ripening close to rind. Pkt. 10c; oz. 20c; ¼ lb. 40c; lb. $1.25.

KLONDYKE, OR PASADENA. Of recent introduction and a great favorite in the Pasadena market. Oblong, dark rich green, flesh bright red, very crisp and sweet. Pkt. 10c; oz. 25c; ¼ lb. 85c; lb. $2.50.

MUSHROOM SPAWN

Seta—Schwamm—Champignon

Culture. Mushrooms can be grown in cellars or sheds, where a temperature of 60 to 70 degrees can be maintained. Procure some good rich loam and some fresh horse manure, and mix thoroughly together, using two-thirds of the horse manure and one-third of the loam. Make a bed of this mixture about 18 inches deep, which should be pressed down firmly. As soon as the temperature of this bed falls to about 70 degrees the spawn may be inserted in pieces about one inch square. Cover the spawn with good loam about two inches deep and press down firmly. Cover this over with a layer of loose straw. If the conditions are right the mushrooms should appear in from six to eight weeks.

ENGLISH MUSHROOM SPAWN. In bricks of about 1 lb. Per brick 40c; 5 bricks $1.75.

MUSTARD

Mustaza—Sent—Moutarde

Culture. Sow in drills 1 foot apart at frequent intervals for succession. Used for greens and cooked like Spinach, sometimes cut when about 2 inches high and used as a salad, generally with Cress.

BROWN OR BLACK. The common Mustard, much used for greens. The seeds are also used in pickles. Pkt. 10c; oz. 20c; ¼ lb. 25c; lb. 75c.

SOUTHERN CURLED. Very large leaves, often 15 inches in length; the best sort for greens. Pkt. 10c; oz. 20c; ¼ lb. 40c; lb. $1.25.

WHITE LONDON. The best variety for salads, also used for greens. Pkt. 10c; oz. 20c; ¼ lb. 25c; lb. 75c.
OKRA
Quimbombo—Easharner—Gambo
Culture. Sow from March to July, in drills 2 feet apart, covering the seed 1 inches deep; thin out the plants to 10 inches apart in the rows, cultivate well, and draw the earth up slightly around the stems. One ounce of seed will sow 60 feet of row.

EARLY DWARF. Of dwarf, stocky growth, very prolific, producing pods 10 days earlier than the tall varieties. Pods long and smooth. Pkt. 10c; oz. 20c; ¼ lb. 45c; lb. $1.25.

LONG GREEN. Plants of tall growth, pods long and slightly ribbed. Pkt. 10c; oz. 20c; ¼ lb. 45c; lb. $1.25.

WHITE VELVET. Of tall growth; long, round, smooth pods with a whitish, velvety covering. The favorite variety for pickling. Pkt. 10c; oz. 20c; ¼ lb. 45c; lb. $1.25.

ONION
Cebolla—Zwiebel—Oignon
Culture. Onions require a rich, moist soil; rich, low land is best. It may be either sandy loam or black soil but should have plenty of natural moisture. Land which has been planted to vegetables—peas or beans preferred—for a few years is the best suited for onions. They may also be grown on higher lands with irrigation, providing the soil is rich. The land must not be allowed to get dry, as this will check the growth and other force the plant to root down to seed and produce “stiff necks.” For the home garden the seed may be planted the year round in California, but for main crop from November to end of January is best. In naturally moist soils the seed may be sown in drills 1 inches apart covering the seed 1 inches deep. When large enough, the plants may be thinned out to 5 or 6 inches apart in the rows. For irrigated lands sow the seed thick in beds or drills and keep well watered; when the plants are large enough—about half the size of a lead pencil—transplant to rows 15 inches apart and 6 inches in the rows. Trim off about a third of the tops and half the roots before planting, as this helps the plants to bulk out. When sown in drills, and thinned out, it requires from 4 to 5 pounds of seed to the acre, or 1 ounce to 100 feet of row. When sown in beds and transplanted, thin and 1 to ¼ pounds will raise enough plants for an acre. For the home garden, Onion sets are often planted. These will produce large onions much earlier than the seed. For “Green” or “Spring” Onions, sow the seed of the White Queen or any other white variety.

AUSTRALIAN BROWN. A favorite market sort of good size and shape; very hardy, early, productive, and the best keeper. The skin is thick and of a rich brown color; flesh solid and of mild flavor. Pkt. 10c; oz. 50c; ¼ lb. $1.65; lb. $5.00.

CRYSTAL WAX. A pure white variety of the Bermuda type, very flat and extremely early. On account of its handsome appearance, earliness and mild flavor it is in great demand by market growers. Pkt. 10c; oz. 50c; ¼ lb. $2.65; lb. $8.00.

LARGE RED WETHERSFIELD. Large, slightly flattened, deep purplish red, flesh firm and thick. This is the best known of the red varieties and largely planted. It is a heavy cropper and an excellent keeper. Pkt. 10c; oz. 60c; ¼ lb. $2.00; lb. $6.00.

MAMMOTH SILVER KING. A large, early white, flat variety of mild flavor. Valuable for the home garden and nearby market, but is not a good shipping or keeping sort. Pkt. 10c; oz. 50c; ¼ lb. $1.65; lb. $5.00.

PRIZETAKER. A globe-shaped onion, with light yellow skin and white flesh of a mild flavor. It is popular as a market variety, a fairly good keeper, and an immense yielder; onions often weigh two or three pounds, and have been known to weigh as much as four pounds. Pkt. 10c; oz. 60c; ¼ lb. $2.00; lb. $6.00.

SOUTHPORT WHITE GLOBE. Pure white, mild flavor, a good keeper and very productive. Best variety for bunch onions. Pkt. 10c; oz. 50c; ¼ lb. $3.00; lb. $9.00.

Riverside Sweet Spanish Onion
The unusual mildness and excellent flavor has made this variety remarkably popular. A good keeper; large, thin straw-colored skin and so mild that it can be eaten like an apple. This onion commands the highest price in the market and should be planted about the first of February, and will mature in August. It is the mildest Spanish onion known and will be profitable to the grower who plants this variety. Pkt., 10c; oz. $1.00; ¼ lb. $3.50; lb. $10.00.

WHITE PORTUGAL, OR SILVER SKIN. A very popular variety, both for market and home use. It is of attractive appearance, flattened, but quite thick; skin silvery white and very thin; flesh firm, snowy white and mild. A good keeper and heavy yielder; onions of large size. Also one of the best for pickling. Pkt. 10c; oz. 60c; ¼ lb. $2.00; lb. $6.00.

YELLOW BERMUDA. Very similar to Crystal Wax in size and flavor. Color is a light straw yellow. A heavy producer of uniform quality onions at a time when prices are good. Pkt. 10c; oz. 60c; ¼ lb. $2.00; lb. $6.00.

YELLOW GLOBE DANVERS. An old standard market variety. Large, globe-shaped; skin brownish-yellow. Flesh white and firm; a good yielder and remarkably good keeper. Pkt. 10c; oz. 60c; ¼ lb. $2.00; lb. $6.00.

ONION SETS
Australian Brown, White and Yellow Sets. Per lb. 40c. Price on large quantities on application.

Parsnip
Chirvia—Pastinake—Panis
Culture. Sow from September to May, in deep, rich soil. In drills 15 inches apart, and cover the seed about half an inch deep. When the plants are 2 or 3 inches high, thin out to about 5 inches apart in the rows. One ounce of seed will sow 100 feet of row, or 5 pounds to one acre.

HOLLOW CROWN. The standard sort. Pkt. 10c; oz. 30c; ¼ lb. $1.00; lb. $3.00.
PARSLEY
Perilil—Peterslie—Persil
Culture. May be sown the year round in California. Sow in good, rich soil, in drills 15 inches apart, covering the seed about half an inch deep. When the plants are 2 or 3 inches high, thin out to 4 inches apart. One ounce will sow 100 feet of drill.

PLAIN OR SINGLE LEAF. Excellent flavor, extensively grown for market. Pkt. 10¢; oz. 20¢; ½ lb. 50¢; lb. $1.50.

CHAMPION MOSS CURLLED. Beautifully curled leaves, deep, rich green. Pkt. 10¢; oz. 20¢; ½ lb. 60¢; lb. $1.75.

HAMBURG, OR TURNIP-ROOTED. A plain-leaved variety, forming large roots which are used for flavoring soups, etc. Pkt. 10¢; oz. 20¢; ½ lb. 60¢; lb. $1.75.

PEAS
Chicasos e Gulasates—Erbesen—Pois
Culture. May be sown the year round in California. They will grow in almost any soil, but a deep, rich loam is best for main crop; the early varieties for winter will do best on a light, warm soil; deep plowing of the ground is essential. They are sown in single or double rows from eighteen inches to 4 feet apart, according to the height of the variety. The tall sorts should have sticks to climb over. For the field crop it requires from 60 to 80 pounds to the acre; for home garden, plant one pound to 50 feet of row.

FIRST EARLY VARIETIES

AMERICAN WONDER. Extra early, dwarf, compact grower; wrinkled peas of the finest quality. Height 1 foot. Pkt. 10¢; ½ lb. 20¢; lb. 40¢.

PREMIUM GEM. A popular early dwarf wrinkled variety. It grows about 18 inches high and bears a heavy crop of good-sized pods filed with 8 to 3 peas of the finest quality. Pkt. 10¢; ½ lb. 20¢; lb. 40¢.

GRADUS, OR PROSPERITY. The finest early pea yet introduced. Almost as early as American Wonder, but grows about 2½ feet high and produces very long pods filled with 8 to 10 peas of delicious flavor. Pkt. 10¢; ½ lb. 20¢; lb. 40¢.

SECOND EARLY VARIETIES

ADMIRAL OR SENATOR. A new sort introduced on our local market about three years ago. It is a good second early pea, has thick green foliage, and bears abundantly. Pkt. 10¢; ½ lb. 20¢; lb. 40¢.

STRATAGEM. One of the best peas in cultivation; pods large and well filled; of the finest flavor. Grows about 2½ feet high. Pkt. 10¢; ½ lb. 20¢; lb. 40¢.

YORKSHIRE HERO. The popular market variety in this locality. Grows about 2½ feet high, is of fine quality and a good bearer. Pkt. 10¢; ½ lb. 20¢; lb. 40¢.

LATE VARIETIES

ALDERMAN. Of recent introduction; grows about 5 feet high; pods dark green, always well filled with large peas of the finest quality. Pkt. 10¢; ½ lb. 20¢; lb. 40¢.

TELEPHONE. A late variety; grows 6 feet high, produces very long pods, well filled with 8 or 9 large peas of the finest quality. Pkt. 10¢; ½ lb. 20¢; lb. 40¢.

PEPPER
Piment—Pfeffer—Piment
Culture. Can be sown from the middle of January to the end of June. Sow the seed in boxes of light, rich soil, and keep in a frame or on a hot bed. When the plants are large enough, gradually harden off, and plant out in the open ground as soon as the weather has become warm and settled, placing the plants in rows 2 feet apart and 1½ feet apart in the row. One ounce of seed should produce about 1000 plants.

ANAHEIM CHILL. In great demand locally; similar to the Mexican chilli, but larger. Pkt. 10¢, oz. 50¢, ¼ lb. $1.65, ½ lb. $5.00.

CHINESE GIANT. Of very large size, averaging 10 to 1½ inches in circumference. One of the best for stuffing; flesh thick, tender and mild. Pkt. 10¢, oz. 50¢, ¼ lb. $2.65, ½ lb. $8.00.

LARGE BELL, OR BULL NOSE. Large, early and very productive. Flesh thick and mild, much used for stuffing. Pkt. 10¢, oz. 50¢, ¼ lb. $2.65, ½ lb. $8.00.

LONG RED CAYENNE. Pods small, long and pointed, coral red when ripe. Very strong and pungent; largely used for seasoning pickles. Pkt. 10¢, oz. 50¢, ¼ lb. $2.65, ½ lb. $8.00.

PIMENTO. One of the finest peppers of mild flavor that has yet been grown. It lends itself to a variety of uses, on account of its beauty, firmness and attractive shape. It makes an unusually pretty salad, being smooth and bright in color, and it can be either canned or stuffed most satisfactorily, as it is firm and fleshy. Pkt. 10¢, oz. 50¢, ¼ lb. $2.65, ½ lb. $8.00.

RUBY KING. Large, bright glossy red, mild and sweet. Much used for stuffing and for slicing in salads. Pkt. 10¢, oz. 50¢, ¼ lb. $2.65, ½ lb. $8.00.
POTATOES

Patatas—Kartoffeln—Pommes de Terre

Culture. Potatoes succeed best in a good, rich, well-drained, sandy loam, and may be planted any time from August to May. It requires about 400 pounds of seed potatoes to the acre.

EARLY ROSE, WHITE ROSE, TRIUMPH OR SIX WEEKS AND BURBANK. Prices on application.

PUMPKIN

Calabaza—Kuerbis—Courge

Culture. Sow from April to July in hills 8 feet apart each way and 4 or 5 seeds to a hill. One ounce will sow about 20 hills, or 2 pounds to one acre.

CHEESE. Large, reddish orange, flesh thick and sweet; good keeper. Pkt. 10c, oz. 20c, ¼ lb. 35c, lb. $1.00.

CUSHAW. (Crock-necked.) Light cream color. A good keeper, flesh solid and sweet. Pkt. 10c, oz. 20c, ¼ lb. 50c, lb. $1.50.

MAMMOTH TOURS, OR JUMBO. (King of Mammoths.) Grows to an immense size, often weighing 150 pounds or more. Skin orange-salmon, flesh bright yellow, fine grained, tender and sweet. Valuable for pies, also for stock feeding. Pkt. 10c, oz. 20c, ¼ lb. 50c, lb. $1.50.

QUAKER PIE. Of medium size, slightly oval, skin rich buffy, flesh creamy but fine grained and of rich flavor. A good keeper. Pkt. 10c, oz. 20c, ¼ lb. 50c, lb. $1.50.

FIELD PUMPKIN

CALIFORNIA FIELD. The well-known Field Pumpkin so largely grown for stock. Yields in color from yellow, orange, red to anod, crisp. Very large and a heavy bearer. Pkt 10c, oz. 20c, ¼ lb. 50c, lb. $1.50.

LARGE SWEET FIELD. Very large, a favorite variety in this section, heavy yelder and good for stock feeding or for pies. Pkt. 10c, oz. 20c, ¼ lb. 50c, lb. $1.25.

MARKET GARDENERS—Write for attractive prices on large quantities. Use the order sheet for your want list and we will gladly quote the latest market prices.

RADISH

Rabano—Rettig—Radis

Culture. May be sown the year round in California. They can be grown in any good garden soil, but thrive best in a light loam enriched with plenty of good rotten manure. Sow in drills 12 inches apart. One ounce of seed will sow 100 feet of hill. A large, pure white radish, often 5 to 10 inches long and 1½ to 2 inches in diameter; flesh sweet, solid and crisp. Pkt. 10c, oz. 20c, ¼ lb. 50c, lb. $1.00.

CHARTIER. A long variety and very attractive. The color is a rosy scarlet, shading to white at the tip. It is larger than the Long Scarlet, and keeps hard and crisp for a long time. Pkt. 10c, oz. 15c, ¼ lb. 50c, lb. $1.50.

CRIMSON GIANT TURNIP. A new variety, more than twice the size of the Scarlet Turnip. It matures early, white flesh, crisp and solid. Pkt. 10c, oz. 15c, ¼ lb. 50c, lb. $1.50.

EARLY LONG SCARLET SHORT TOP. An old standard variety; grows to about 8 inches long; color, bright carmine; flesh firm and brittle; has very small top. Pkt. 10c, oz. 15c, ¼ lb. 50c, lb. $1.50.

FRENCH BREAKFAST. A popular early variety and one of the best for forcing. Grows about 2 inches long and stump rooted. The top part of the root is bright rose and the lower part white. Pkt. 10c, oz. 15c, ¼ lb. 50c, lb. $1.50.

ICICLE. A white variety; grows about 5 inches long, very brittle, of mild flavor. Pkt. 10c, oz. 15c, ¼ lb. 50c, lb. $1.50.

LONG BLACK SPANISH. A large winter radish, skin almost black; flesh white and solid. Pkt. 10c, oz. 15c, ¼ lb. 50c, lb. $1.50.

ROUND BLACK SPANISH. Similar to the preceding, except in shape. Pkt. 10c, oz. 15c, ¼ lb. 50c, lb. $1.50.

SCARLET TURNIP. A very popular early sort. Root white, slightly oval shaped and of good flavor. Pkt. 10c, oz. 15c, ¼ lb. 50c, lb. $1.50.

SCARLET TURNIP WHITE TIPPED. Bright rosy carmine, with lower part of root white; a very attractive variety. Pkt. 10c, oz. 15c, ¼ lb. 50c, lb. $1.50.

ROSELLA

(Hibiscus sabdariffa)

Culture. An annual plant, native of India, but introduced here from Queensland, Australia, where it is largely grown for making jelly. The plants grow from 3 to 6 feet high, and bear quantities of fruit, each encased in a thick, fleshy calyx, from which the jelly is made, which is considered by many superior to guava jelly. The seed should be sown in boxes or seed pans in February or March, and placed on a hot bed. The young plants can be potted up as soon as large enough, and when the weather is warm and settled they should be planted out in the open ground, about 3 feet apart each way. Pkt. 10c, oz. 75c, ¼ lb. $2.50.

RHUBARB—PIE PLANT

Rhubarbo—Rhabarber—Rhubarbe

Culture. Sow from February to end of April in drills 15 inches apart, covering the seed about 1 inch deep. When large enough, thin out to 4 inches apart in the rows. Transplant the roots the following winter or spring to deep, rich, well manured soil, placing the plants 4 feet apart each way.

WAGNER’S GIANT CRIMSON WINTER. A superior variety, producing stems twice as large as those of the ordinary Crimson Winter, and has been known to yield as high as 20 tons to the acre. It is unsurpassed in flavor, and is now in great demand on the local market. Pkt. 10c, oz. $1.60, ¼ lb. $5.00.

RHUBARB ROOTS. See page 16.

SALISIFY OR VEGETABLE OYSTER

Ostion Vegetal—Hafervurzel—Salifia

Culture. Sow from February to May, in deep, rich soil, in drills 15 inches apart. When large enough, thin out to 5 inches apart in the rows. One ounce of seed will sow 50 feet of row.

MAMMOTH SANDWICH ISLAND. Very large roots, tender and of rich flavor. Pkt. 10c, oz. 25c, ¼ lb. $1.25, lb. $3.50.

SORREL

(Acedarax—Sauerampfer—Oselle)

Culture. Sow in spring, in drills 15 inches apart, in any good garden soil. The plant is perennial, and can be taken up every few years and divided. The flower stems should be kept cut off as they appear. The leaves are cooked like spinach, and are also used in soups.

LARGE LEAVED FRENCH. Pkt. 10c, oz. 25c, ¼ lb. 50c, lb. $2.50.
**SPINACH**

*Spinacia oleracea—Spinat—Epinard*

**Culture.** Can be sown the year round in California, in drills 16 inches apart. One ounce of seed will sow 60 feet of row, or 12 pounds to one acre.

**PRICKLY OR WINTER.** The hardest variety and the one generally grown for market. Large, smooth leaves shaped like an arrow point. Pkt. 10c, oz. 15c, ¼ lb. 25c, ½ lb. 50c.

**LONG STANDING.** Leaves large, thick and crumpled. Very hardy. Adapted to either spring or winter sowing. Pkt. 10c, oz. 15c, ¼ lb. 25c, ½ lb. 50c.

**NEW ZEALAND.** Produces large leaves, of thick, fleshy texture. Pkt. 10c, oz. 25c, ¼ lb. 50c, ½ lb. 80c.

**ROUND OR SUMMER.** Large, thick, smooth leaves, rounded at the ends. Pkt. 10c, oz. 25c, ¼ lb. 50c, ½ lb. 80c.

**VIROFLAY.** Exceedingly tender and delicious flavor. Large smooth leaves. One of the best for commercial or home use. Pkt. 10c, ¼ lb. 20, ½ lb. 60c.

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**SQUASH**

*Calabacera—Kuerbis—Courge*

**Culture.** As soon as the weather has become warm and settled, commence sowing for the early crop. The summer varieties mature much quicker than the winter varieties, and sowing for late crop may be continued up until the first of August. Sow in hills 4 to 5 feet apart, using 6 or 7 seeds to a hill, and afterwards thin out to the three strongest plants. One ounce of seed will sow about 40 hills, or 3 pounds to 1 acre.

The winter varieties take longer to mature, and the later plantings should be completed by about the first of July. Sow in hills 8 to 10 feet apart, using 3 seeds to a hill. One ounce will sow about 20 hills, or 2 pounds to an acre.

**SUMMER VARIETIES**

**BANANA.** Grows from one to two feet long. Skin varies from bright yellow to olive green. Excellent quality, very sweet. Pkt. 10c, oz. 20c, ¼ lb. 60c, ½ lb. $2.00.

**EARLY WHITE BUSH SCALLOPED.** Very early, creamy white, flat and scalloped; 4 to 6 inches in diameter; exceedingly prolific. Pkt. 10c, oz. 25c, ¼ lb. 45c, ½ lb. $1.25.

**ENGLISH VEGETABLE MARROW.** Large, oblong, pale green, grows from 12 to 18 inches long. Makes a large vine, and should be planted 7 or 8 feet apart. Pkt. 10c, oz. 20c, ¼ lb. 50c, ½ lb. $1.75.

**ITALIAN OR ZUCCHINI.** A bush squash of great merit; rich creamy flavor, and high in vitamins; bears heavily. Pkt. 10c, oz. 25c, ¼ lb. 85c, ½ lb. $2.50.

**SUMMER CROOK-NECK.** Long, with crooked neck; bright golden yellow, thickly warded; very rich flavor. Pkt. 10c, oz. 20c, ¼ lb. 50c, ½ lb. $1.50.

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**WINTER VARIETIES**

**BOSTON MARROW.** Large, oval, bright orange with creamy netting. Flesh fine grained, orange colored and glossy. Pkt. 10c, oz. 25c, ¼ lb. 60c, ½ lb. $1.75.

**GOLDEN HUBBARD.** A very attractive variety of the Hubbard Squash. When matured the color is a deep orange-red, with rich orange-colored flesh of the finest quality. Pkt. 10c, oz. 20c, ¼ lb. 65c, ½ lb. $2.00.

**HUBBARD.** The popular winter squash. Oblong and pointed, dark green, heavily warded. Flesh orange colored; a splendid keeper. Pkt. 10c, oz. 25c, ¼ lb. 95c, lb. $1.50.

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**TOMATO**

*Globo—Liebesapfel—Tomate*

**Culture.** Seed can be sown from January to May. The early sowing should be in seed boxes in frames or on a hot bed. When the plants are about 2 inches high they should be transplanted to shallow boxes, placing them about 1 inch apart each way. Protect from cold, and when well established gradually harden off; when all danger from frost is over, transplant to the open ground, placing them from 5 to 8 feet apart each way. Later sowings can be made in the open ground, in seed beds or drills, after danger from cold is past. In frostless localities where winter tomatoes are grown, the seed can be sown from the middle of August to the end of September. One ounce of seed should produce about 2000 plants.

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**Payne’s “VICTORY” Tomato**

An extremely heavy bearer, frequently producing 20 tons to the acre. Very sweet, high sugar content. Deep rich red inside and out, smooth skin, solid meat with very few seeds. Medium size and uniform shape. The finest tomato ever grown for either table or canning. Pkt. 15c.; oz., 75c; ¼ lb., $3.50; lb., $6.00.

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**CHALK’S EARLY JEWEL.** One of the best early tomatoes for home use. Bright red, smooth and uniform size. An ideal salad tomato. Pkt. 10c, oz. 40c, ¼ lb. $1.35, lb. $4.00.

**PONDEROSA, OR BEEFSTEAK.** A favorite sort for the home garden; of immense size, sometimes weighing from two to three pounds each; very few seeds. Pkt. 10c, oz. 75c; ¼ lb. $2.50, lb. $7.00.

**SAN JOSE CANNER.** A fine smooth tomato for main crop, largely used for canning. Pkt. 10c, oz. 75c, ¼ lb. $.50, lb. $3.00.

**PAK’S EARLIANA.** Extra early, deep scarlet, large, smooth, solid and of the finest quality. The earliest large tomato grown. Pkt. 10c, oz. 50c, ¼ lb. $1.65, lb. $6.00.

**STONE.** A favorite sort for general crop, shipping and canning. Large, smooth, bright scarlet, very solid and a good bearer. Pkt. 10c, oz. 50c, ¼ lb. $1.75, lb. $5.00.

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**TOMATO PLANTS.** See page 16.
Lawn and Clover Seeds

In making the success of a successful lawn the first requirement is good seed. The many so-called "grades" of Blue Grass and Clover seeds with their corresponding prices often tempt the unsuspecting lawn maker into purchasing seeds that will prove very expensive in the long run. So much labor and time is necessary in the preparation of the soil that it is poor economy to try and save a few cents in buying seed of unknown quality. We carry in stock only the very best grade, and offer it to the public only after a thorough test on our own premises.

DIRECTIONS FOR MAKING A LAWN

The ground should first be spaded over, or plowed to a depth of 8 or 10 inches, and should then be leveled to a perfectly level surface. A good time to do this is to let the ground rest for several weeks and water thoroughly. This will give a chance for many of the weed seeds in the ground to sprout and these can be hoed off as they come up. After the weeds have been removed, raker the surface with a fine rake and sow the seed at the rate of 1 lb. to 200 sq. ft., or White Clover seed at the rate of 1 lb. to 200 sq. ft. When the seed has germinated, they are sown on one-third clover to two-thirds Blue Grass. It is better to sow them separately, however, going over the ground first with one and then with the other, as in this way they can be sown more evenly than if the seeds are mixed together. After the seed has been sown it should be covered with about half an inch of good mulch. This is very essential, especially during the hot weather, as it is necessary that the surface be kept continually moist, giving the seed an opportunity to germinate. The best thing to use for a mulch is thoroughly rotted manure, which has been passed through a fine screen. Great care should be taken in selecting this, and it should be taken from a pile that has been thoroughly heated, so that all the weed seeds are killed. When any other kind of manure is used it will only bring weed seeds into the lawn. For small lawns, burlap is often used in place of a mulch. This is spread out over the surface of the ground, the watering being done over it, while the manure can be removed after the seed has germinated. Burlap is especially valuable on steep banks or slopes, as it has in the past prevented surface moisture from washing out. Watering a newly sown lawn should be done very carefully, and with a fine spray and as often as is necessary to keep the surface perfectly moist at all times of the day, until the seed has germinated. After that, one or two more waterings, five or six weeks old, it will be necessary to weed it, as even with the best of care there are bound to be some weed pro-digious from the manure lying down, and the manure on the ground or blown in from vacant lots, etc. This should be done carefully, pulling out all weeds by the roots.

To keep a lawn in good condition it should be fertilized at least once a year with a dressing of a good commercial lawn fertilizer.

TOBACCO

Culture. The seed can be sown in a frame or on a hot bed; or in well prepared beds in the open ground after danger from frost is past. Select fine, rich soil, cover the seed very lightly, about one-eighth of an inch deep, press it down lightly with the back of a spade; water with a fine spray. When the plants are about 4 inches high, transplant to rows 5 feet apart and 4 feet apart in the row. Tobacco requires a rich, well-drained soil; wood ashes are beneficial as a fertilizer. One ounce of seed will produce enough plants for one acre.

Vegetable Plants and Roots

We can supply plants or roots of Artichoke, Cabbage, Celery, Chard, Chives, Egg Plant, Horseradish, Peppers, Rhubarb, Sweet Potatoes and Tomatoes at either of our stores during their seasons but do not advise nor guarantee satisfaction when sent by mail. Prices upon application.

HERBS

Per pkt. 10c.

KINGS: Basil, Sweet
Borage
Caraway
Catnip

Coriander
Marjoram, Sweet
Dill
Lavendar
Sage
Thyme, Broad Leaved

Field and Fodder Crops

ALFALFA, HAIRY PERUVIAN. This is considered to be a superior variety of the one generally grown here. It withstands more drought and cold weather, and in addition to this yields a larger amount of foliage of a finer texture. Lb. 40c, 10 lbs. $3.50, postpaid.

ALFILERILLA OR FILAREE. (Erudium moschata). A native fodder plant, very much preferred by cattle, sheep and horses to any other of the natural pasture plants. Especially valuable for sowing on stock ranges where the natural pasture has become worn out. Sow 20 lbs. to the acre. Lb. $1.00, 10 lbs. $8.50, postpaid; by express, 100 lbs. $70.00.

We have in stock a full line of Farm and Cover Crop Seeds. Write for information and prices.
Flower Seed Novelties and Specialties

Superb New Antirrhinums or Snapdragons

Snapdragons are among the most popular flowers grown in California. In the last few years great advancement has been made in the development of these lovely flowers, both increasing the size of the blossoms and adding many new and delicate shades. The intermediate or semi-dwarf varieties grow from 15 to 24 inches high and are the most popular. The tall varieties grow from 24 to 30 inches high and on account of their long stems are particularly valuable for cut flowers. Below I am offering a large assortment of the very best varieties of recent introduction.

NEW GIANT SNAPDRAGONS
(ANTIRRHINUM MAXIMUM)

A new race of Giant Snapdragons producing flowers of enormous size on long spires. Invaluable for cutting and also for display in the garden.

Apple Blossom. Delicate pink, white throat. Pkt. 25c.
Coppery Queen. Coppery scarlet. Pkt. 25c.
Gotelind. Light copper, old rose throat. Pkt. 25c.
Maralind. Coppery crimson. Pkt. 25c.
Nymph. Rosy lilac, white throat. Pkt. 25c.
Wallflower. Brownish orange and copper red. Pkt. 25c.

TALL LARGE FLOWERED VARIETIES

Cardinal. Dazzling scarlet.
Golden King. Large clear yellow.
Lilac Queen. White suffused with pale lilac.
Moonlight. Golden apricot and old rose.
Orange King. Orange scarlet, pink throat.
Othello. Deep claret color.
Princess Patricia. Pale rose overlaid chamois.
Queen Victoria. Very large pure white.
Rose Queen. Soft rose.
Venus. Pink on white ground, white throat.

The above varieties each, per pkt. 10c.

SPECIAL OFFER. Full collection of the above ten varieties, one packet of each, for 85 cents.

INTERMEDIATE VARIETIES

Amber Queen. Canary yellow, shaded chamois pink.
Bonfire. Orange buff, shaded scarlet.
Cottage Maid. Coral pink with white throat.
Golden Queen. Pure golden yellow.
Mauve Bird. Rose mauve.
Old Rose. Soft blush pink, suffused terra cotta.
Purity. Pure white.
Silver Pink. Pearly pink, extra fine.
The Fawn. Terra cotta pink, suffused yellow.
The above varieties, each, per pkt. 10c.

SPECIAL OFFER. Full collection of the above ten varieties, one packet of each, for 85 cents.

Improved Crego Giant, or Ostrich Plume Aster

This magnificent strain is without doubt the best of the late flowering asters for our climate. They grow from 2 to 2 1/2 feet high, and form strong, much-branched bushy plants. The flowers are produced in large quantities, on long wiry stems, and are of immense size, often four or five inches across; they are of the most perfect form, with long, broad and curled petals. For cutting purposes this strain has no equal. I offer them in 8 different colors: White, shell pink, lavender pink, rose, crimson, lavender, dark blue, royal purple, or mixed. Each per pkt. 15c, 1/2 oz. 35c.

PAYNE'S CALIFORNIA GIANT ASTER

A new giant strain of Aster combining the tall branching habit of the American Beauty with the large flowers of the Ostrich Plume type. The plants grow 2 to 3 feet high and produce blossoms often 5 to 6 inches in diameter. The flowers stand shipping well and on account of their large size and long stems are highly recommended for cutting purposes. In four colors: Peach Blossom, Light Blue, Deep Rose, Deep Purple, or mixed. Each per pkt. 25c.

Payne's Single Comet Aster

Single Asters on account of their simple grace and exquisite beauty are becoming more popular each season. For making a display in the garden it is hard to imagine anything more lovely than these single Asters, while as cut flowers for indoor decoration they have no equal. The plants of this strain are of branching habit and produce a wealth of large flowers with beautifully curled or twisted petals. White, Pink, Lavender or mixed. Each per pkt. 15c.

New Aster, American Beauty

This grand new Aster is one of the most valuable introductions of recent years and is quite distinct from any other variety. It is similar in growth to the Late Branching Aster but differs in that the blossoms are produced on longer and heavier stems. Some of these stems will measure over 2 feet in length. The flowers are produced in succession for a long period, they are very large, perfectly double and especially valuable for cutting purposes. In six colors: Peach Blossom, Pure Pink, Rose, Lavender, Purple, White, or mixed. Each per pkt. 25c, 1/2 oz. 50c.

SPECIAL OFFER. Full collection of the above 6 colors, one packet of each, for $1.25.
Payne's Large Flowered Cineraria

Cinerarias have become very popular of recent years not only as greenhouse plants but also for out-door culture in sheltered and shady situations, and we regard them as one of the most valuable plants for making a display in the garden during the late winter and spring months. For early flowering, sow the seed in May or June and later sowings up until September. Sow the seed in seed pans of finely screened soil, composed of good loam, leaf mold and sand. As soon as large enough pot off the young seedlings and later transfer to larger pots until ready to plant out into the open ground.

- **Azure Blue.** Pkt. 50c.
- **Matador.** Scarlet. Pkt. 50c.
- **Old Rose.** Pkt. 50c.
- **Royal Blue.** Pkt. 50c.
- **Extra Choice Mixed.** Pkt. 50c.

Cineraria

**STELLATA AND CRUENTA HYBRIDS**

This strain is especially desirable for making a display in the garden and is very hardy, succeeding with little care. It forms strong, pyramidal plants, 2 to 3 feet high, covered with hundreds of star-shaped flowers. The seed I am offering has been carefully selected and will be found to contain a large percentage of blue shades.

- **New Double Cosmos**

This new double Cosmos is a selection from the Anemone Flowered Cosmos introduced by me from England several years ago. In this new form a large percentage of the plants produce flowers with this peculiar phenomenon more or less in evidence, the remainder bearing large blossoms of the ordinary type. I offer them in four distinct colors:
- **Pink Beauty.** pkt., 15c; White Queen, pkt., 15c; Crimson King, pkt., 15c; Malmaison Pink, pkt., 15c; mixed, pkt., 15c.

Anemone Flowered Cosmos

**Cardinal Climer**

A new and absolutely distinct annual climber, being the result of a cross between Ipomoea quamoclit, "Cypress Vine," and Ipomoea coccinea. I consider this the most brilliant and beautiful annual vine ever introduced. It will no doubt attract universal attention, not only for the beauty and number of its bright, cardinal-red flowers, but for its hardness, its quick growth, reaching a height of 20 to 25 feet in a short time, and also for its rich green, lacinated foliage, which resembles that of a fine Japanese Maple. The flowers, which are about 1½ inches in diameter, the tube being about 1¼ inches in length, are borne in clusters of from 5 to 7, and their vivid cardinal-red color against the abundant dark green foliage is most effective. This vine thrives best in a good soil and a warm, sunny situation. Sow the seed in the open ground as soon as the weather is warm and settled.

Pkt., 15c.

- **Anemone Flowered Cosmos**

**Anchusa italica, Dropmore**

This beautiful perennial plant is of recent introduction and should be planted in every garden. The plants grow 4 to 5 feet high and are remarkable for their free and continuous blooming. The flowers, which are produced in long spikes, are of a rich gentian-blue shade. Pkt., 15c.

**Bidens dahliaeoides**

A hardy perennial producing large quantities of single Cosmos-like flowers of a beautiful light pink shade. The flowers keep well in water and are excellent for cutting purposes. If the seed is sown in February or early part of March the plants will flower the first season. Pkt., 25c.

**Calendula, The Ball**

An extra fine strain of Calendula of upright growth bearing very large, uniformly double flowers. The color is deep orange passing to a lighter shade toward the center. The flowers are produced on very long, stiff stems and are especially desirable for cutting. Pkt. 25c.

**Carnation, Chabaud's Giant**

This new strain is a great acquisition in Carnations. The plants come into bloom 6 months from seed and continue to flower all summer. They throw up from 18 to 20 stalks bearing large flowers of good form and come 90% double and true to color.

- **Jeanné Dionis.** Pure white. Pkt. 25c.
- **Legion of Honor.** Copper red. Pkt. 25c.
- **Marie Chabaud.** Yellow. Pkt. 25c.
- **Nero.** Very deep crimson. Pkt. 25c.
- **Sparkler.** Cardinal red. Pkt. 25c.
- **The Pearl.** Rose pink. Pkt. 25c.
- **Chabaud's Giant Mixed....** Pkt. 25c.

- **Cardinal Climer**

A new and absolutely distinct annual climber, being the result of a cross between Ipomoea quamoclit, "Cypress Vine," and Ipomoea coccinea. I consider this the most brilliant and beautiful annual vine ever introduced. It will no doubt attract universal attention, not only for the beauty and number of its bright, cardinal-red flowers, but for its hardness, its quick growth, reaching a height of 20 to 25 feet in a short time, and also for its rich green, lacinated foliage, which resembles that of a fine Japanese Maple. The flowers, which are about 1½ inches in diameter, the tube being about 1¼ inches in length, are borne in clusters of from 5 to 7, and their vivid cardinal-red color against the abundant dark green foliage is most effective. This vine thrives best in a good soil and a warm, sunny situation. Sow the seed in the open ground as soon as the weather is warm and settled.

Pkt., 15c.
Chinese Wool Flower

This celosia from China is a novelty of great merit and attracted a great deal of attention during the past season. The plant grows from 2 to 3 feet high and has an immense globe-shaped flower head of crimson-scarlet color, resembling a large ball of wool, often 8 or 9 inches in diameter. Besides the main central stem the plant throws out numerous side branches each terminating in a large crimson wool. It blooms profusely during summer and fall and retains its full beauty and color until late in the season. Very effective for planting in beds and borders, also valuable for cutting purposes. Pkt., 25c.

GIANT English Cyclamen

A great improvement on the ordinary Giant Cyclamen. The plants are of robust growth with rich heavy foliage. The flowers are very large and produced in great profusion and come in many rich colors. The seed I am offering is imported from a specialist in England.

DUKE OF PATE. Deep lilac rose. Pkt. 50c.
GIANT CRIMSON. Brilliant crimson. Pkt. 50c.
SALMON KING. Bright salmon pink. Pkt. 50c.
GIANT WHITE. Pure white. Pkt. 50c.
GIANT MIXED. Pkt. 25c.

Delphinium Belladonna

This magnificent strain of Delphinium is now in great demand. The plants grow from 2 to 3 feet high, and from numerous stems from the crown, but require no staking. The flowers are large and produced in great profusion. Perhaps the most valuable features of these plants are their extreme free flowering qualities. It will well cared for, and the old stems are kept cut off, they will flower almost the year round.

Belladonna. Light blue. Pkt., 25c; 1/4 oz., 60c.

Delphinium Chinense, Tom Thumb

A very dwarf variety of Chinese Delphinium bearing a great profusion of large ultramarine blue flowers. The dwarf habit, free flowering qualities and intense blue color of the flowers render this variety invaluable for bedding purpose. Pkt. 25c.

“Queen Ann’s Blue Lace”

Didiscus Coeruleus

Though not new this valuable annual has only recently been introduced into California. The plants are of upright growth and produce numerous heads of sky blue flowers. It succeeds well in the open ground and also makes an excellent pot plant. Pkt. 25c.

Digitalis, The Shirley

A very fine strain of Foxglove raised by the late Rev. W. Wilks of Shirley Vicarage, England, originator of the famous Shirley Poppy. The plants grow 5 to 6 feet high and produce enormous spikes of large flowers. The colors range from white and shell pink to deepest rose, beautiful spotted and blotched with crimson or chocolate brown. Pkt. 25c.

Freesia hybrida Ragionieri

This is without doubt one of the most remarkable novelties of late years. The fragrant blossoms are produced in the most exquisite shades of rose, pink, blue, purple, violet, yellow, orange and brown, often delicately veined and spotted. The culture is the same as for the white freesias, and plants can be had in bloom in seven or eight months from the seed. Pkt., 15c.

“Scarlet Transvaal Daisy”

Gerbera Jamesoni

This beautiful plant from South Africa thrives quite well in our California climate, and is becoming very popular here. The plants require a good rich soil, with plenty of drainage and a sunny location. The flowers resemble a marguerite in shape, but are of an intense scarlet-crimson color. They are produced on long stems, and last a long time when cut. The seed should be sown in seed pans of light, well-drained soil, and kept in a glass house or frame, and the young plants can afterwards be transplanted to the open ground. Pkt. 25c.

Gerbera Jamesoni hybrid

The flowers of these magnificent hybrids of the Transvaal Daisy are of about the same size as those of the parent but differ in the shades from pure white, yellow, orange, salmon, rose, cerise, ruby-red to violet. Pkt., 25c.

New Yellow Geum—Lady Stratheden

Without doubt this is one of the finest introductions of late years. The flowers are just as large and double as those of the popular variety Mrs. Bradshaw, but are of a deep, rich golden yellow. It makes a fine display in the garden and is excellent for cutting. Plants from seed sown in the fall will bloom the following spring and summer. Pkt., 25c.

“Payne’s Tree Lupine”

Lupinus Paynel

A native California species discovered by the writer in the foothills near Santa Susana and named in his honor by Dr. Anstruther Davidson, the well known botanist of Los Angeles. I believe this is the most wonderful Tree Lupine in the world. It forms large round topped shrubs 4 to 5 feet high from a trunk-like base 3 to 4 and sometimes 8 inches in diameter. One large specimen measured 8 inches through the trunk, 8 ½ feet high and 13½ feet through the crown and when in blossom had over 500 flower spikes in bloom at one time. The foliage is very handsome and silvery green, and the flowers are produced in racemes 8 to 15 inches long. They remind one of wisteria blossoms and appear in many beautiful shades; hardly two plants are just alike; some are pale blue, others lavender, pale lilac, dark blue, purple, rose pink, flesh pink or white; all with a beautiful yellow blotch on the standard. The blossoms are deliciously fragrant, a few flowers being sufficient to perfume a whole house. The plants bloom in the spring and the whole bush blossoms simultaneously. They grow in a heavy reddish clay soil. Soak the seeds in hot water one hour before sowing. Pkt., 25c.
Then here... foot... have... and... various... exquisite... exceed... nature... Is... doubt... secure... many... this... annual,.. Everyone... an... very... of... places... charming... direct... well... the... beauty,... Pkt.... Payne's Royal Exhibition Pansy

This is undoubtedly the most superb strain of Pansies ever offered on this coast. The plants are of vigorous growth, and are particularly free flowering. The blossoms are very large, and of fine, velvety texture, including all the richest shades, many of them very richly blotted, spotted and margined. Pkt., 25c; ½ oz., $1.25.

New Petunia, Triumph

For a long time there has existed a demand for a Petunia of the giant ruffled type in a good shade of pink and I believe this new variety will fill that want. The flowers are large, beautifully ruffled and of a clear bright pink. The plants are of strong growth and very free blooming. This new variety will especially be valuable for bedding purposes where it is desired to carry out a color scheme. Pkt. 25c.

Petunia, Payne's Giant Double Paony Flowered

This is without doubt the finest strain of double Petunias ever offered and produces as large as 7½ double flowers. The blossoms are of immense size, often 4 or 5 inches in diameter, very double, beautifully ruffled and frilled and of every conceivable color. Pkt. 25c.

Petunia, Payne's Giants of California Ruffled and Fringed

The Petunia is one of the most popular plants in California gardens. This superb giant strain I am offering produces immense flowers of great substance, often 4 or 5 inches in diameter, deep-throated and with the edge of the petals beautifully ruffled and fringed. They include all the richest colors and combinations of colors, many of them beautifully veined, mottled or striped. Pkt. 25c.

New Petunia, Ryburgh Hybrids

This splendid new strain of annual poppies produces plants of bushy habit, carrying quantities of long-stemmed flowers in charming shades of flesh, salmon, orange, pink, rose and carmine. The flowers are double and semi-double and last well when cut. Pkt. 25c.

New Petunia, Eldorado

A lovely strain of annual poppies of the Shirley type, producing in great abundance, large double flowers measuring about 3 inches across. They come in the most delicate and brilliant colors, ranging from palest pink through shades of rose and salmon to rosy scarlet. Some are white with salmon-pink or crimson margins, others orange-salmon shaded white, others again are true scarlet shaded white, cherry red and white or scarlet with white center. They attain a height of about 2 feet and are of great decorative value for cutting. Pkt., 25c.

The Flanders Poppy

The Wild Red Poppy so familiar to those who served in the recent European conflict, and to those who hold other memories of that continent. All through western Europe this poppy grows wild in the fields and along the roadsides. Scattered through ripening wheat its flaming red blossoms show in striking and beautiful contrast to the clear, golden yellow of the maturing grain, making a picture of country-side loveliness that is never to be forgotten. It is from this wild poppy that the Rev. W. Wilks of Shirley Vicarage, England, produced the well-known Shirley poppy and from which many other garden varieties have originated. Pkt. 15c. oz. 75c.

Primula malacoides

This valuable introduction from China has proved to be one of the most free-flowering species and especially useful for out-door culture in partially shaded places. It is quite hardy and is one of the best winter flowering plants we have. It is also well suited for pot culture. The flowers are of a delicate shade of lilac. Seed sown in August produces plants which flower throughout the winter months. Pkt. 25c.
Schizanthus Wisetonensis

One of the daintiest of annual flowering plants and adapted for forcing. The seeds germinate quickly and the plants flower in a remarkably short time. When in bloom the foliage is almost completely hidden by the number of delicate butterfly-like flowers which are white, dotted with delicate rose. Makes an admirable pot plant for house or conservatory. Pkt., 15c.

Schizanthus, Garraways Hybrids

A new select strain, especially desirable for forcing. splendid range of colors. Pkt., 25c.

Scabiosa caucasia

A beautiful perennials. The plants grow 2 to 2 1/2 feet high and produce large lavender flowers 3 to 4 inches across on long wiry stems. They last well in water and are very desirable for cutting. The plants are very free flowering, blooming continuously from the end of June until late in the fall. Pkt., 25c.

“Mexican Sunflower”

Tithonia Speciosa

A rare plant from Mexico. Annual throwing up from the root many stout, woody stems furnished with rather large foliage. The flowers are large and remind one of an immense single zinnia; color dazzling orange scarlet. It forms a large shrubby plant, flowers for a long period and is especially desirable for planting among shrubs or in the background of wide borders. Pkt., 15c.

NICE GIANT STOCKS

The Nice stock has proved to be pre-eminently the stock for Southern California and has become very popular of late, so much so, that I have discontinued listing many of the other strains. They form well branched plants about 2 feet high, producing spikes of large double flowers not tightly clustered but borne along the entire stem. They are very graceful and especially desirable for cutting. The plants are extremely free flowering, continuing in blossom for a long time. For winter flowering sow the seed in July or August. In transplanting stocks care should be taken to save the small or weak growing plants, as these generally produce double flowers, while the strong, robust growing seedlings often come single. The seed I am offering here is from one of the best specialists, and contains several new varieties of great merit.

Beauty of Nice. Flesh pink. Pkt., 15c; 1/4 oz., 65c.
Belle d’Naples. Old rose. Pkt., 15c; 1/4 oz., 75c.
Cote d’Azur. Lilac. Pkt., 15c; 1/4 oz., 75c.
Heatham Beauty. New, deep rose shading to pale pink, large spike, extra fine. Pkt., 25c; 1/4 oz., $1.00.
Mont Blanc. Pure white. Pkt., 15c; 1/4 oz., 65c.
Queen Alexandra. Rosy lilac. Pkt., 15c; 1/4 oz., 65c.
Queen of the Belgians. Silver lavender, very large spike, extra fine. Pkt., 25c; 1/4 oz., $1.00.
Souvenir de Monaco. Crimson. Pkt., 15c; 1/4 oz., 75c.
Souvenir de Monte Carlo. Cream color. Pkt., 15c; 1/4 oz., 75c.
Nice Giant. All colors mixed. Pkt., 15c; 1/4 oz., 50c.

Giant Stocks—Bismarck

This class of Giant-Ten-Week Stocks is of great merit and only needs a trial to be thoroughly appreciated by every flower grower. The plants grow from 2 to 2 1/2 feet high and are of branching habit, producing numerous large spikes measuring 12 to 16 inches long. They are especially desirable for cutting and produce a high percentage of double flowers. I offer them in 3 distinct colors. White, Cream-color, Chamois, Flesh Pink, Rose, Blood Red, Lilac, Lavender, Deep Purple, or mixed. Each per pkt., 25c.

New Verbena, Lucifer

This splendid new Verbena is of low, compact habit, and produces immense quantities of flowers, which are an intense brilliant scarlet with no eye. A great improvement on the old varieties. Pkt., 15c.

Viola cornuta, Papilio

Though not as large as the regular pansy, this variety is so free flowering that it is far superior for bedding purposes. The plants begin to bloom when quite young and produce a never ending succession of deep blue flowers. It is ideally adapted for lining along walks or for bordering beds of other annuals. For making a display in the winter and spring months there is no variety equal to it. Pkt., 15c; 1/4 oz., 25c.

Winter Flowering Wallflower

A very desirable plant, producing great quantities of flowers all through the winter and spring. The flowers are fragrant and come in a great variety of colors, ranging from cream color to primrose, sulphur yellow, golden yellow, lilac, mauve, purple and violet. Cannot be equaled for display of color in the winter garden. It succeeds best in a shady or partially shady place, but will also thrive in the full sunlight. Plants from seed sown early in fall will bloom the following winter. Pkt., 25c.
Payne's Giant Double Zinnia

Payne's Giant Double Zinnia

Zinnias are among the most popular of the summer flowering annuals, producing a grand display of brilliant and dazzling colors for many months, with little care and attention. The plants of this giant strain are of extremely robust growth, attaining a height of from 2 to 2½ feet; bearing immense flowers, often 5 inches in diameter, very double, and of the most striking colors. I offer this superb strain in 14 distinct shades.

Apricot Yellow. Pkt., 15c; ½ oz., 35c.
Buff. Pkt., 15 c; ½ oz., 40c.
Bright Rose. Pkt., 15c; ½ oz., 35c.
Burnt Orange. Pkt., 15c; ½ oz., 40c.
Canary Yellow. Pkt., 15c; ½ oz., 35c.
Crimson. Pkt., 15c; ½ oz., 35c.
Flesh Pink. Pkt., 15c; ½ oz., 40c.
Orange King. Pkt., 15c; ½ oz., 50c.
Purple. Pkt., 15c; ½ oz., 35c.
Rose King. Pkt., 15c; ½ oz., 40c.
Rose Queen. Pkt., 15c; ½ oz., 50c.
Salmon Pink. Pkt., 15c; ½ oz., 40c.
Scarlet. Pkt., 15c; ½ oz., 35c.
Shrimp Pink. Pkt., 15c; ½ oz., 40c.
All Colors Mixed. Pkt., 15c; ½ oz., 25c.

SPECIAL OFFER. Collection of any six of the above. one pkt. each, for 75c. Collection of the whole 14 colors, one pkt. each, for $1.50.

Giant Quilled Zinnia, Victory

In this Zinnia we have quite a new departure in this popular class of flowers. It is quite distinct from all other varieties ever raised. The petals are partially tubular or quilled, giving the flower somewhat the appearance of a cactus dahlia and displaying a rich variety of colors mostly of the warmer shades, such as, salmon, old rose, deep rose, lilac, bronze and dark red tones. On the reverse side the petals are light or dark lilac giving a wonderful combination of colors. The plants are of strong, robust growth and produce an abundance of very large, double flowers often 5 inches in diameter, which last a long time when cut. Pkt., 25c.

Payne's Giant Double Zinnia Special Mixture of Pastel Shades

The Zinnia is one of the most desirable of our summer and fall flowers for coloring purposes. They last a long time in water and are very decorative. However, many of the colors are too bright, too strong, and thoughtfully may be used to produce artistic effects in the house. On the other hand, many of the lighter shades are very delicate and desirable for decorative purposes. Of late years there has been a great demand for Zinnias in the pastel shades, and this season I am offering a very carefully made up mixture which will be found to include all the most delicate art tints. Pkt., 15c; ½ oz., 40c.

New Dahlia Flowered Zinnia

(See front cover of Catalogue)

A new and distinct race of Zinnia which is very popular. Plants are of sturdy growth forming bushy plants 2 to 3 feet high, producing quantities of immense double flowers on long stems. Blossoms are the largest of any Zinnia ever grown and when fully developed often measure 4 inches in depth and 5 inches in diameter. Petals are larger and broader than the ordinary giant zinnia and give the flower a resemblance to a show dahlia. In the color of the flowers there is a wonderful range, including golden yellow, cerise, orange, old rose, cerise, mauve, terra cotta, rose pink, Tyrian rose and other charming shades.

Exquisite. Light rose, center deep rose, of true dahlia flowered type. The most pleasing of collection. Pkt. 25c.
Old Rose. Beautiful old rose shade, very large. Pkt. 25c.
Giant Attraction. Brick red, forming immense ball of color. Pkt. 25c.
Scarlet Flame. Bright scarlet, blended orange. Pkt. 25c.
Meteor. The darkest shade of red, very large. Pkt. 25c.
Orchid... Orange and gold, immense flower, very beautiful. Pkt. 25c.
Dream. Deep lilac, turning to mellow purple. Pkt. 25c.
Canary Bird. Yellow. Pkt. 25c.
Dahlia-Flowered Mixed. Pkt. 25c.

Giant Picotee Zinnia

The Picotee Zinnia is a new and unique class. Flowers like the Giant Zinnia but the petals are tipped with a different color; flesh pink tipped with chocolate brown is one of the most frequent types, others are orange, lemon yellow, cerise, various shades of pink and crimson, all with well defined gold or brown picotee markings. Pkt. 25c.
General List of Choice Flower Seeds

In sowing flower seeds in California it must be remembered that conditions differ from those existing in the Eastern States. There the time for sowing all hardy and half hardy annuals is in the late spring and early summer, whereas in California the best time is the Fall and early part of the Winter; this being the season when most of our native annual wild flowers commence to grow. It naturally follows that it is the best time to plant most annuals in California. To avoid confusion in reference to this rule, such as Asters, Zinnia, Portulaca, etc., which are distinctly Summer flowering plants. In the following list of annuals, see special instructions where needed as far as space will permit. Where no special time for sowing annuals is mentioned, it is that the Fall and Winter months are the best time.

AEROCLINUM. "Everlasting Flower." Annual 1 to 1½ feet high. Pretty daisy-like flowers, very effective for bedding, either as a dried flower. For drying, cut with long stems, just as the flower commences to open, tie in bunches and hang up, with the flower downwards, for 4 or 5 weeks until thoroughly dry. It succeeds best in California when grown in large boxes, in the open ground in fall or early winter. Rose, white, or mixed. Each per pkt. 10c; oz., 75c.

AGATHAEA COELESTIS. "Blue Daisy." Perennial, 1 to 2½ feet high. Very rapid, pretty blue flowers, most the year round. Flowers skyblue with yellow centers. Useful for beds, borders, rock gardens and window boxes. The seeds are sown early for use in seed boxes and when large enough transplant. Pkt. 15c; 1/4 lb., 50c; 1 lb., 80c.

AGESTOM MEXICANUM. Annual, 9 to 12 inches high. A favorite bedding plant; flowers in clusters, of brush-like appearance; very free flowering and in bloom for a long time. Seeds should be sown in pots or seed boxes and transplanted. Imperial Dwarf Blue. Light blue. Pkt. 10c.

ALYSSUM. Free flowering annual, useful for beds, edgings, etc. maritimum. "Sweet Alyssum." White; height 6 to 9 inches. Pkt. 10c; oz. 40c.

Little Gem. Dwarf, 4 to 6 inches. Pkt. 10c; oz. 60c.

Carpet of Snow. Very dwarf. Pkt. 10c; oz., 75c.

Lilac Queen. This new and distinct variety is of dwarf compact habit and produces flowers of a pure lilac shade. The plants when in full bloom resemble a miniature candytuft. Pkt. 15c; oz., $1.00.

ALYSSUM SAXATILE COMPACTUM. "Gold Dust." Perennial 9 to 12 inches high. Excellent for beds and edgings. Sow in spring or early fall, in seed boxes; do not transplant until large enough. Pkt. 10c; oz., 50c.

AMARANTHUS. Annual, ornamental foliage plants succeeding well in California, especially in the Summer. Sow the seed in spring in a seed box or transplant directly from a sunny position. "Joseph's Coat." Leaves red, yellow and green, height 1½ to 2 ft. Pkt. 10c.; oz., 15c.

ANCHUSA. See Flower Seed Specialties, page 19.

ANTIGONON LEPTOPUS. "Rosa de Montana." A beautiful perennial climber, producing immense clusters of rose-colored flower-bracts. Sow in pots as early as possible and afterwards transplant. Pkt. 15c.

ANTIRRHINUM. "Snapdragon." A perennial blooming the first season from seed and generally treated in California as an annual. Showy plants for borders or large beds. Tall mixed. Height, 2 to 2½ ft. Pkt. 10c.

Intermediate mixed. Height, 1½ to 2 ft. Pkt. 10c.

Separate colors. See page 17.

AQUELEIGA. "Columbine." Magnificent perennial plants growing from 2 to 3 ft. high and flowering in early Spring and early Summer. The seed should be sown in Spring in seed pans or boxes and after transplanting to the open ground. They succeed best in a moist shady situation. california hybrid. Very large yellow flowers with long strap-like leaves. Pkt. 15c.

chrysanth. Rich canary yellow. Pkt. 15c.

eurolae. (Rocky Mountain Columbine), pale blue and white. Pkt. 10c.

Long Spurred Hybrids. See Novelties, page 17.

ARCTOTIS GRANDIS. Annual forming large, bushy, much branched plants, 2 to 3 feet high. Flowers large, white on the upper surface, the reverse of petals pale lilac-blue. Of easy culture and remarkably free flowering. Pkt. 10c.

ASTER. A popular annual, largely grown for cut flowers. Also for bedding plants from March until May in seed pans or boxes, and when large enough transplant to rich, well worked soil.

American Beauty. See Flower Seed Novelties, page 17.

A large late blooming variety in great demand for cutting. The plants are of upright habit 1½ to 2 feet high, producing large double flowers and making a quill-like effect. Pkt. 10c.; ½ oz., 50c.

Crego Giant. See Flower Seed Specialties, page 17.

Payne's California Giant. See Flower Seed Specialties, page 17.

Victoria. Fine mixed; height 1½ feet. Pkt. 10c.

Truffaut's Fancoy Flowered perfection. Fine mixed; height 1½ feet. Pkt. 10c.

Payne's Single Comet. See Flower Seed Specialties, page 17.

AUSTRALIAN PEA VINE. (Dolichos liguissus). A very large, wavy, double, rose and purple pea-shaped flowers. Valuable for covering up fences quickly; stands the heat well. Pkt. 15c.; ½ oz., 40c.

BALSAM. "Touch-me-not." Annual 1 to ½ feet high. Valuable for summer flowering. Sow the seed in boxes in early spring and afterwards transplant to beds of rich, well prepared soil.

Camellia-flowered. Double mixed. Pkt. 10c.

BARTONIA AUREA. Annual 1 to ½ feet high. Large golden yellow flowers opening during the sunshine. Pkt. 10c.

BEGONIA TUBEROUS-ROOTED. Beautiful perennial plants blooming the first season if sown early. Much used as pot plants; also for planting out in sheltered places. The seed should be sown in well drained seed pans, using a mixture of loam, leaf-mould and sand; press down firmly, sow the seed on the surface and do not cover, but press firmly with the hand; water with a fine spray. When the plants are large enough, pot off into small pots.

Single varieties. Splendid mixed. Pkt. 50c.

BEGONIA EVER-BLOOMING BEDDING VARIETIES. Perennials flowering the first season from seed. Very popular bedding plants, and large well in the full sun, almost completely hidden by the bright colored flowers. They are also admirable for pot culture or as cutting, and the ½ oz. of seed will produce a flower box of the best. The seeds should be sown the same as the tuberous rooted begonias.

gracilla. Delicate rose-color. Pkt. 15c.

Primadonna. Pale rose, large flowers. Pkt. 25c.

Italian. Deep red and very fine. Pkt. 25c.


BELLIS PERENNIS. "Double Daisy." Perennial, but flowering the first season from seed. Favorite plants for edgings, low beds, etc. Height 6 inches.

Longfellow. Pink and white. Pkt. 10c.

Snowball. Pure white. Pkt. 10c.

Montrosa. A new strain of strong, robust growth with abundance of immense very double flowers. Rose, red, white or mixed. Pkt. 15c.; oz. each, 15c.

Fine mixed. Pkt. 10c.

BIDENS DAHLIOIDES. See Flower Seed Novelties, page 18.

BRACHYCOME IBERIDIFOLIA. "Swan River Daisy." Annual 1 to ½ feet, forming a close, compact plant, with very large, pinnate leaves single blue or white flowers, in bloom nearly all the year.

Blue. Pkt. 10c.

Mixed. Pkt. 10c.

BROWALLIA ELATA. Annual, 1 to ½ feet high. A charming plant for beds and borders, with rich blue flowers, especially valuable in California for winter and spring blooming. Sow the seed in August or September in seed boxes and transplant. Pkt. 15c.
CALCEOLARIA HYBRIDA GRANDIFLORA. A magnificent greenhouse perennial, blooming the first season. Large pocket-like flowers of the most brilliant shades of yellow, maroon, crimson, etc., spotted and blotched in the most unique fashion. The strain offered here is from one of the most celebrated growers in Europe and is unsurpassed in quality. Sow in August or September in seed pans and keep in greenhouse. Large flowered. Tigered and spotted, superb mixture. Pkt., 50c.


CAMPANULA MEDIUM. "Canterbury Bells." Biennial, 2' to 3 ft. Old-fashioned favorite flowers of easy cultivation. The seed may be sown late in spring or early in fall, in seed beds or boxes, and when large enough, transplant to where they are to flower. The plants will bloom the following spring and summer. Calycanthema. "Cup and Saucer Canterbury Bells." Differs from the ordinary type in having an extra large calyx, which is the same color as the flower, giving the appearance of a cup and saucer. Cup and Saucer. Blue, Rose, White or mixed. Each, per pkt., 15c. Single. Blue, Rose, White or Mixed. Each, pkt., 10c. Double. Blue, Rose, White or Mixed. Each, pkt., 15c.


CANNA. Perennial, 3 to 6 ft. high. Most effective plants for massing in large beds or for borders, making a great display of color. The plants bloom from early spring till late in the fall and the large, bright-colored flowers contrast well against the heavy, handsome foliage. Soak the seed in hot water a few hours before sowing. New Large-flowered Hybrids. Saved from a choice collection. Pkt., 10c.

CARDINAL CLIMBER. See Flower Seed Novelties. page 18.

CARNATION. Perennial, 1½ to 2 ft. high. Well known favorite flowers much used for cutting purposes. Sow in seed pans or boxes, and when large enough, pot off and afterwards transplant to the open ground. The plants will flower the following year; as they bloom they should be carefully marked, saving only the best double flowered ones and discarding the small and single flowered plants. Marguerite. Scarlet, white, Yellow or Mixed. Each per pkt. 10c.

Perpetual or Tree, fine mixed. Pkt., 25c.

Redondo. Choice mixed. Pkt., 15c

Carnation, Chabaud's Giant. See Flower Seed Novelties, page 18.

CELONIA CHINTATA. "Cockscomb." Annual, 1 foot high. Valuable as pot plants; also very effective for large beds and borders. They succeed best in a rather light, warm soil. The seeds can be sown early in spring in seed pans or boxes and afterwards potted or transplanted to the open ground where they will be to flower. Glasgow Prize. The finest strain; combs of deep crimson color and immense size. Pkt., 15c.

Fine mixed. Pkt., 15c.

CELOSIA PLUMOSA. "Feathered Cockscomb." Annual, 2 to 3 feet high. Magnificent plants for large beds or groups. Producing large plume-like flowers, which can be cut and dried for winter bouquets. The seeds should be started in the same way as the other "Cockscombs" mentioned above. pyramidalis Thompsoni. Plumes of the most brilliant crimson color. Rich, bronze-colored foliage. Pkt. 10c.

CENTAUREA CANDIDISSIMA. "Dusty Miller." Perennial, 1 to ½ ft. A beautiful plant with white silvery leaves and used for beds and edgings. The seeds should be sown in seed boxes and afterwards transplanted. Pkt., 10c.


Celosia Pyramidalis Thompsoni
CENTAUREA IMPERIALIS. "Royal Sweet Sultan." Annual, 2 to 3 feet. A great improvement on the old strain of "Sweet Sultan," flowers resemble the "Cornflower" in size, but are of immense size. Valuable for florists' use, lasting a long time when cut.

Glant Amaranth Red. New, Pkt. 10c; oz. $1.00.

Glant Brilliant Rose. Pkt. 10c, oz. $1.00.

Glant Delicate Lilac. Pkt. 10c, oz. $1.00.

Glant Deep Lavender. Pkt. 10c, oz. $1.00.

The Bridewellum. Heliotrope. Pkt. 10c, oz. $1.00.

Glant White. Pkt. 10c, oz. 75c.

Glant Purple. Pkt. 10c, oz. 75c.

Glant Rose. Pkt. 10c, oz. 75c.

Glant Mixed. Pkt. 10c, oz. 75c.


CHINESE WOOL FLOWER. See Flower Seed Novelties, page 25.

CHRYSANTHEMUM. Annual varieties 1 to 3 feet high. Very showy for beds and also useful for cut flowers.

Northern Star. Large, white with soft yellow zone and dark eye. Pkt. 10c.

Morning Star. Beautiful pale yellow. Pkt. 10c.


Burrigeanum. White and red. Pkt. 10c.


Single Mixed. Pkt. 10c; oz. 50c.

Coronarium. Double yellow. Pkt. 10c.

Coronarium album. Double white. Pkt. 10c.

CHRYSANTHEMUM JAPONICUM. Perennial, 3 to 4 feet. Well known plants, flowering in the fall and early winter. Should be sown in seed boxes early in the spring, and when large enough transplanted to the open ground. The plants will bloom the following fall.

Hybrids. Fine mixed. Pkt. 15c.

CHRYSANTHEMUM FRUTESCENS. "White Marguerite." Perennial, 3 to 4 feet high. A well-known flower. Sow the seed in the same way as the Japanese varieties. Pkt. 10c.

CINERARIA. CINERARIA. Annual varieties 1 to 3 feet high. Very showy for beds and also useful for cut flowers.

GLADIOLUS. Biennial, but treated as an annual in California. Height ½ to 2 feet. Magnificent plant for cut flowers in flower beds, or may be planted out in sheltered and partially shaded situations. Sow the seed in Aug. and Sept., and as soon as large enough pot off into small pots and afterwards transfer to larger pots as required. The strain I am offering is the very best, procured direct from one of the most celebrated growers in Europe, and may be relied upon to produce large flowers of the most exquisite colors. Pkt. 50c.

Separate Colors. See Flower Seed Specialties, page 18.

Stelata. See Flower Seed Specialties, page 18.

CLARKIA. Annual. 2 to 4 feet high. Free flowering and of easy culture.

elegans. Fine mixed. Pkt. 10c; oz. 40c.
elegans rosen. Rose pink. Pkt. 10c.
elegans, Salmon Queen. Double, salmon pink Pkt. 10c.
elegans, Scarlet Queen. Double scarlet. Pkt. 10c.
pulchella. Red. Pkt. 10c.

CLIANTHUS DAMPIERI. "Australian Desert Pea." Perennial, 4 feet high. Bearing clusters of drooping pea-shaped flowers, 3 inches or more in length, of a brilliant rich scarlet color marked with a large black blotch in the center. The plant prefers a dry, sunny situation. Pkt. 15c.

COBaea SCANDENS. Perennial climbing vine attaining a height of 30 feet or more and blooming freely the first season. Valuable for covering trellises, arbors, etc. Large bell-shaped flowers. Sow the seed early in the spring in seed boxes, and as soon as large enough transplant to the open ground. Pkt. 10c.

COLEUS. Perennial, ½ to 2 feet high. Magnificent foliage plant. For pot culture or for planting out during the summer season. Sow the seed in pots or seed pans, covering very lightly, and as soon as large enough pot off into small pots.

New large-leaved varieties. The finest strain procurable. Producing large leaves of the most brilliant and showy colors. Pkt. 25c.

Fine mixed. Pkt. 15c.

COLUMBIA BICOLOR. "Innocence." Annual. 1 to 2 feet high. A slender, graceful habit, with bright green foliage. Flowers in clusters regularly disposed, suggesting rows. Upper lip white or lilac, lower violet or rose-purple. Pkt. 10c; oz. 35c; lb. $4.00.

CONVOLVULUS MAJOR. "Morning Glory." Annual climbing vine attaining a height of about 15 feet. Useful for covering fences, trellises, etc. Soak the seeds in warm water for a few hours before planting.

White, rose crimson, dark blue, or mixed. Each, per pkt. 10c.

minor. "Dwarf Morning Glory." Annual. 1 foot. Flowers similar to the "Morning Glory," but smaller and remaining open all day in fine weather. Very pretty for borders or grown in masses in beds. All colors, fine mixed. Pkt. 10c.

mamillatus. Perennial trailing plant. Valuable for rock work or hanging baskets. Flowers a rich shade of lavender. Soak the seeds a few hours in hot water before planting. Pkt. 15c.

COREOPSIS LANCEOLATA. Perennial, 2 feet high. Large, showy, bright yellow flowers produced in great abundance. Much used for cutting purposes. Pkt. 10c.

CORNFLOWER. See CENTAUREA.

COSMOS. Annual, producing large single flowers much used for cutting purposes. The plants vary in height according to the time of year at which they are planted. If sown in the spring they grow very tall, from 5 to 8 feet high, and flower in the fall, but if the seed is sown in the fall, about October, they will flower in about 2 months and the plants will be dwarf, from 1½ to 2 feet high and are very pretty for massing in beds. Seed sown in December will form dwarf plants and bloom about March.

Mammoth perfection, white, dark pink, crimson, or mixed. Each, per pkt. 10c; oz. 40c.

Lady Lenox. Very large flowers; a lovely shade of shell pink. Pkt. 10c; oz. 50c.

Lady Lenox. White. Very large flowers, pure white. Pkt. 10c; oz. 50c.

Asters. See Flower Seed Novelties, page 18.

New Double. See Flower Seed Novelties, page 18.

COSMOS KLONDIKE. Annual. 2 to 3 feet. Deep orange-colored flowers 2 to 2¼ inches in diameter, blooming in the fall. Pkt. 10c.

CUCUMBER WILD. (Echinocystis lobata.) A quick growing annual vine for covering trellises, etc. Pkt. 10c.
CYCLAMEN PERSICUM. Perennial, 8 to 10 inches. Charming plants with rich colored, fragrant flowers. Blooming in winter and spring. Generally grown as a pot plant. The seed may be sown in the spring or early in the fall in seed pans of rich soil mixed with leaf-mold and sand and potted on when large enough.

CYPRESS VINE. A popular annual climbing vine with delicate fern-like foliage and masses of small star-shaped flowers. Sow early in spring; soak the seeds in warm water before sowing. Scarlet, white or mixed. Each, per pkt. 10c.

DAISY. See BELLIS.

Dahlia. Perennial, 4 to 6 feet, flowering the first season from seed. Well known plants with large, showy flowers, useful for borders and masses. Sow the seed early in spring in seed boxes and afterwards transplant to the open ground. Dahlias like a rich soil and plenty of well rotted manure and should be watered freely. In raising Dahlias from seed many of them will come semi-double, although the seed is sown from the very best double varieties. The best varieties should be marked when in flower and at the end of the season the poor ones dissected and the better ones can be taken up and divided and again replanted.

Caucasus. Double, with long pointed petals; seeds sown from one of the finest collections. Mixed colors. Pkt., 15c.


Floozoo. Large, mixed colors. Pkt. 15c.

Single. All colors; splendid mixed. Pkt. 10c.

DELPHINIUM. "Perennial Larkspur." Perennial, 3 to 5 feet high. Beautiful summer flowering plants with long spires of showy flowers. Sow the seed in spring or early fall in seed boxes and afterwards transplant to open ground.

Belladonna. See Flower Seed Specialties, page 19.

Giganteum. Extremely large flowers in all the richest shades of blue. Pkt., 15c.

Blue Butterfly. Distinct variety growing about 18 inches high, flower season from seed. Plants produce freely spikes of large, single, Salvia-blue flowers. Pkt. 15c.

Delphinium "Tom Thumb." See Flower Seed Specialties, page 19.


DIANTHUS CHINENSIS. Biennial, but generally treated as an annual; 1 foot high. Charming free-flowering plants with flowers of the most brilliant colors, effective for planting thickly in beds.

chinensis. Fine mixed. Pkt., 10c.


hybrida. Double mixed. Pkt. 10c.

immaculatus. Single fringed mixed. Pkt. 10c.

plumarius. Perennial, 1 foot high. A beautiful single pink. Flowers with fringed edge, white with red petal tips.

DIGITALIS. "Fozglove." Perennial, 3 to 5 feet. An old-fashioned flower with long spires of tubular-shaped flowers. Sow the seed in spring or fall in seed pans and afterwards transplant. gloxiniaeflora. Beautifully spotted, mixed. Pkt., 10c.

The Shirley. See Flower Seed Novelties, page 19.

DIMORPHOTHECA AURANTIACA. African Orange Lotus. 12 to 18 inches high. One of the very best winter flowering plants yet introduced. By sowing the seed in September or October, it can be had in flower as early as January and will grow continually until late spring or early summer. The marguerite flowers two and a half inches in diameter, are of a unique, glossy orange-gold, this brilliant coloring being rendered more conspicuous by the dark purple-brown petal which is surrounded by a black zone. When in full bloom on bright sunny days it is truly a magnificent sight, for brilliantly colored and almost rivalling the California Poppy. It is especially adapted for planting in masses in beds or borders and parkings. Pkt., 10c; oz., 15c.

Hybrida. Splendid new hybrids, colors range from white, lemon yellow, golden yellow, orange to scarlet. Pkt., 15c.

ERYSIMUM PEROFSKIANUM. Annual, 1 to 1½ feet high, resembles the wallflower and produces in winter and spring great quantities of orange colored flowers; very effective when planted in masses. Pkt. 10c; oz., 60c.

ESCHSCHOLTZIA CALIFORNICA. "California Poppy." Annual, 1 to 1½ feet high, producing in summer quantities of steel blue thistle-like flowers. Sow the seed in summer or early fall in seed boxes and transplant.

ESCHSCHOLTZIA CALIFORNICA. "California Poppy." Annual, 1 to 1½ feet high. A well known native flower with blossoms 2 to 3 inches in diameter. Yellow, orange, white, or mixed. Each, pkt. 10c; oz., 35c.


Beard Cardinal. White and rose. Pkt., 10c.

Carmine King. Carmine rose. Pkt. 10c.

Golden West. Canary-yellow with orange blotch at base of each petal. Pkt. 10c; oz., 40c.

Mandarin. inside of petals rich orange, outside or-angelica. Pkt., 10c.


Tango. New, bronzy red and terra cotta. Pkt. 25c.

The Geisha. Gold and orange crimson. Pkt. 15c.

Vesuvius. Wallflower red. Pkt., 15c.

New Hybrids mixed. Pkt., 15c.

ERYNGIUM AMETHYSTINUM. "Sea Holly." Perennial, 2 to 3 feet, producing in summer quantities of steel blue thistle-like flowers. Sow the seed in summer or early fall in seed boxes and transplant.}

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GOMPHRENA GLOBOSA. "Globe Amaranthus." Annual, 1½ to 2 feet high. Producing numerous flowers resembling clover heads, which are cut and dried as an everlasting flower. White, pink, purple and striped, mixed. Pkt. 10c.

GONIOSPHILA ELEGANS. Annual, 1½ to 2 feet high. Much used for bouquets for mixing with carnations and other flowers. Flowers small, white; blooming in the late spring and early summer. Pkt. 10c; oz. 40c.

Gomphrena. Perennial, 2 feet high. Flowers smaller than the preceding. White and used for bouquets. Bloom during the summer season. Pkt. 10c.

Double Snow White. A new variety producing about 50 per cent double flowers. Pkt. 25c.

HELIOPSIS. "Sunflower." Annual, 6 to 7 feet. Well known showy plants for summer flowering. Sow the seeds in the spring in the open ground where they are to remain and flower.

Chrysanthemum Flowered. Double. Very large, perfect flowers resembling giant chrysanthemums. Flowers on long stems, gold, yellow and double. Pkt. 10c.

New Red Sunflower. Flowers vary greatly in size, from 4 to 8 inches across. Color of the flowers also varies, some being solid red, others with petals tipped and other pleasing combinations of red and gold. Planted for a background or a temporary hedge, they are very showy. Pkt. 15c.

Helenium. "Sneezeweed." Single, 3- to 4-foot hybrids. Single, light or dark yellow with narrow zones of blood red, purple or brown, mixed. Pkt. 15c.


HELICHRYSUM MONSTROSUM. "Straw Flower." Annual, 3½ to 4 feet high. A well-known "everlasting" flower. Double, fine mixed. Pkt. 10c.

HELIOTROPIUM. Perennial, 4 to 5 feet. A favorite flower because of its delightful fragrance and the seed in the spring in seed boxes and transplant. Large flowered varieties mixed. Pkt. 10c.

HEUCHERA. "Garden Bells." Perennial, with heart-shaped leaves from which rise numerous slender graceful stems about 1 foot high bearing brilliant red or crimson double bell-shaped flowers July to September. Very effective for borders and rock gardens. Sow in seed boxes early in the fall and transplant. Pkt. 15c.

HOLLYHOCK. Perennial, 6 feet high. An old-fashioned favorite flower. Sow the seed in boxes late in summer and transplant. The plants will bloom the following summer.


HUMULUS JAPONICUS VARIEGATUS. "Japanese Hop." A beautiful annual climbing plant. Leaves marbled and splashed with white on light and dark green ground. Very effective for screens, arbors, etc. Sow the seed in spring when the weather is warm and settled. Pkt. 10c.

HUMMINGBIRD FUMARIAE JAPANICA. "Mexican Poppy." Perennial, 2 to 3 feet. Large flowers resembling the California poppy, but more bowl-shaped and of a high canary, yellow color. Very free flowering. A very especially valuable for cutting purposes, the blooms lasting a long time in water. Blooms freely the greater part of the season. If sown in the spring or summer will bloom within a few months of the time of sowing. Pkt. 10c.

IPOMOEA LEARI. "Blue Dawnflower." Perennial climbing vine, 30 to 40 feet. Likes a warm, sunny situation. Sow the seed in hot water a few hours before planting and sow in spring when the weather is warm and settled. Pkt. 10c.

glandiflora alba. "White Moonflower." Perennial climbing vine, 15 to 20 feet. Large white, fragrant flowers 5 inches in diameter. Treat the seed the same as the above variety. Pkt. 10c.

Heavenly Blue. Annual, 15 feet. Flowers large, sky-blue, flowering in the fall. The most beautiful of all. Treat the seed the same as the above. Pkt. 10c.

imperialis. "Imperial Japanese Morning Glory." Annual, 16 to 20 feet. Flowers large, varying in color from pure white to purples, through blues and purples of every shade to almost black. Pkt. 10c.

KOSA TRICHOPHYLLA. "Summer Cypress." Annual, 3 to 4 feet high. Forms very decorative, compact bushes with fine green foliage, which turns deep red in the fall. Very ornamental for planting as a background or temporary hedge. Sow in spring. Pkt. 10c.

JACOBAEA. (Senecio elegans.) Free flowering annual, 1 to 1½ feet high producing dense heads of small double flowers; very desirable for cutting. Flesh color, Red, Lilac, or mixed. Each, per pkt. 15c.

LARKSPUR. Annual, 3 feet high. Free flowering flowers. Useful for beds and also for cutting fall stock—flowered, branching double. Azure blue, dark blue, shell pink, lustrous carmine, white or mixed. Each, per pkt. 10c; oz. 60c.

Tall, Exquisite Pink. New. Pkt. 35c.


White Pearl. Very large, snow white blossoms on long stems. Very hardy and grows quickly. Pkt. 15c.

PINK BEAUTY. Large flowers, bright pink. Pkt. 15c.

LAVATERA TRISTRIMES. Annual, 3 feet high, producing large saucer-shaped flowers. Sow in spring. Rose color or white. Each, per pkt. 10c.

LINARI A CYMBA LARIA. "Keniworth Ivy." A charming little perennial trailing plant. Useful for baskets, rock work. The flowers are like a miniature Snap-Dragon; color lavender and purple, and contrast well with the small ivy-shaped leaves. Pkt. 15c.


LINUM GRANDIFLORUM RUBRUM. "Scarlet Flax." Annual, 1 to 2 feet high. Very effective for planting in masses in large beds; also for sowing broadcast on waste ground. Pkt. 10c; oz. 35c.

perenne. Perennial, 1 to 1½ feet, bright blue flowered. Pkt. 10c.

LOBELIA. Annual, 4 to 6 inches, forming compact, free flowering plants much used for edgings, etc. Sow the seed in February in seed pans of fine light soil. Do not cover the seed, but sow on the surface and press down firmly with the hand and water with a fine spray. As soon as large enough to be handled, the seedlings may be pricked out into shallow boxes and afterwards transplanted to the garden.


Irida Sapphirina. New, deep blue, with white eyes. Of trailing habit, valuable for hanging baskets and window boxes. Pkt. 15c.


LOVE-LIES-BLEEDING (Amaranthus caudatus). Annual, 2 feet high, with large drooping panicles of blood-red flowers. Seed should be sown in the spring the plants bloom during summer. Pkt., 10c.

LUPINUS. ANNUAL VARIETIES MIXED. 1 to 3 feet high. Well known free flowering plants. Pkt., 10c.

MALOPE LUPINUS. alba. Dwarf blue; useful for edging and borders. Pkt., 10c; oz., 50c.

Hartveil. Annual 2 to 3 feet. Long spikes of large flowers, sky blue, dark blue, pink, white, or mixed. Each, per pkt., 15c.

LUPINUS ARBOREUS, SNOW QUEEN. Perennial, 4 feet. A magnificent variety, producing long spikes of pure white flowers. Sow in fall either in the open ground where the plants are to remain, or in pots, and afterwards transplant. Pkt., 15c.

New Hybrids. A splendid new strain, producing large flowers in different colors. Pkt., 15c.

POLYPHYLLUS ROENS. Rose pink; extra fine. Pkt., 15c.

Paynel. See Flower Seed Novelties, page 19.

MALOPE GRANDIFLORA PURPUREA. Annual, 2 feet high. Flowering well during the summertime. Large crimson flowers. Pkt., 10c.

alba. White. Pkt., 10c.


Marigold, African. Annual, 3 feet. Flowering in summer and fall. The flowers are large, double and very showy. Sow in spring.

Lemon Ball. Soft lemon-yellow. Pkt., 15c; 1/2 oz., 60c.

Orange Ball. Deep orange. Pkt., 15c; 1/4 oz., 60c.

Double fine mixed. Pkt., 10c; 1/2 oz., 60c.

Marigold, French. Annual, 1 to 2 feet high. Sow in spring.

Gold-striped. Very double; deep brownish-red striped with golden yellow. Pkt., 10c.

Double golden yellow. Pkt., 10c.

Dwarf double mixed. Pkt., 10c.

Legion of Honor. "Little Brownie." A compact growing single variety. Golden yellow marked with large spot of crimson on each petal. Pkt., 10c.


Maurandia. Perennial climber, 6 feet. Delicate foliage and pretty trumpet-shaped flowers. Sow early in spring and the plants will bloom the first season. Pkt., 10c.

Meconopsis. See Flower Seed Specialties, page 20.

MeSEMBRANTHEMUM. Dwarf, trailing, annual. Blooming during the summer. Sow the seed in spring in a warm, sunny situation.

Crystallinum. "Ice Plant." Flowers white. Foliage has the appearance of being coated with ice. Pkt., 10c.

Mignonette. Annual, 8 inches to 1 foot high. An old-fashioned flower much prized for its fragrance.

Large Flowering. Sweet scented. Pkt., 10c; oz., 30c.

Machet. Of dwarf pyramidal habit. Very fragrant. Pkt., 10c; oz., 60c.

Allen's Delfiance. A large variety with immense spikes. Pkt., 10c; oz., 60c.

Skittish. Bright red, large spikes. Pkt., 10c; oz.; $1.00.


Cardinalis. "Scarlet Monkey Flower." Perennial, 1 to 3 feet. A beautiful native species with pale green leaves and bright scarlet flowers, with yellow throat. Pkt., 10c.


Mina lobata. Beautiful annual climbing vine attaining a height of 10 feet and more. Graceful spikes; color bright red, changing to orange and cream. Sow in spring in a warm, sunny situation. Pkt., 10c.

Mirabilis jalapa. "Marvel of Peru" or "Four-o'clock." Free flowering annual of bushy habit, growing 3 to 4 feet high and flowering throughout the summer. All colors mixed. Pkt., 10c.

Momordica balsamina. "Balsam Apple." Annual climbing vine, 8 to 10 feet, with large leaves making a dense shade. The flowers are followed by curious orange-colored warted fruits, which burst, showing the seed and its brilliant crimson covering. Pkt., 10c.

Myosotis. "Forget-me-not." Perennial, 6 to 12 inches, succeeding best in a shady, moist situation. Sow the seed in the fall in seed boxes and transplant.

Albistris. Bright blue. Pkt., 10c.

Dissectiflora. Of compact habit; deep blue. Pkt., 15c.

Nasturtium, Tom Thumb. Annual, 8 inches to 1 foot. Useful for edging bedding and borders, flowering through the summer and also through the winter in locations where they are not cut by the frost.

Lady Bird. Orange-yellow, red spots. Pkt., 10c.

Ruby King. Light ruby-red. Pkt., 10c.


Golden King. Indian yellow, dark foliage. Pkt., 10c.

King of Tom Thumb. Scarlet, dark foliage. Pkt., 10c.

Empress of India. Crimson, dark foliage; dwarf and compact; effective for beds and edging. Pkt., 10c.

Vesuvius. Salmon Rose. Pkt., 10c.

Yellow. Pkt., 10c.

All colors mixed. Pkt., 10c; oz., 20c; lb., $2.00.
NASTURTIUM TALL. Climbing annual, 6 to 10 feet, of easy culture. Useful for covering fences, trellises, etc., and also very effective when allowed to run on the ground.


Dunnett's Orange (Sunlight). Yellow. Pkt., 10c.

King Theodore. Almost black, dark foliage. Pkt. 10c.

Rosco. Salmon rose. Pkt., 10c.

Scarlet. Bright scarlet. Pkt., 10c.

Crimson. Velvety crimson. Pkt., 10c.

Fordhook Fashion. Terra cotta on yellow ground. Pkt., 10c.

Moonlight. Creamy white. Pkt., 10c.


Prince Henry. Yellow marbled with scarlet. Pkt., 10c.


Fine mixed. Pkt., 10c; oz., 20c; lb., $2.00.

NEMESIA. See Flower Seed Specialties, page 20.

NEMOPHILA. A beautiful native annual, 4 to 6 inches high and flowering in 8 or 9 weeks from the time of sowing.

insigna. "Baby Blue Eyes." A delicate little plant; flowers clear azure blue. Pkt., 10c; oz., 35c; lb., $1.00.

maculata. White spotted with purple. Pkt., 10c; oz., 35c; lb., $1.00.

NICOTIANA. Annual, 2 to 4 feet. Sow the seed in the spring in seed boxes and transplant when large, fragrant flowers, 3 inches across. Pkt., 10c.

Sanderia hybrids. Splendid plants, flowers in great variety of colors. Pkt., 10c.

NEMERBERGIA CALYCINA. Slender growing perennial plant, 1 to 1 1/2 feet. Desirable for hanging baskets, rock work and bedding. Sow the seed in boxes. Flowers white tinted with lavender. Pkt., 10c.

NIGELLA DAMASCENA. "Love-in-a-Mist." Annual; height 1 1/2 feet, with finely cut foliage; curious looking flowers of a pale blue color.

Miss Jacky. Flowers of a beautiful corn-flower blue, fine for cutting. Pkt., 10c.

OENOTHERA DRUMMOND. "Evening Primrose." Annual, 2 to 3 feet, with large yellow flowers. Succeeds well in a partially shaded place. Pkt., 10c.

PANSIES

Truly speaking, a perennial, but an annual in California. To obtain the best results the seed should be sown in August, September, or early part of October. Prepare a bed in the open ground in the following manner: Dig up the ground and level off the surface. Take some good garden soil and run it through a sieve, mix this with some good rotted manure and sand, which has also been screened, using about two parts of soil to one of manure and one of sand. Spread this out over the surface, press it down, and level off with a board. Sow the seed broad-cast, covering it with about an eighth of an inch of the same soil, and again press the surface down with a board. Take a piece of burlap the size of the bed and stretch it out over the ground. Place some pieces of wood around the edge to keep the burlap from blowing away, and keep it well watered, using a fine spray. As soon as the seed has sprouted, take the burlap off and nail it over a wooden framework the same size as the bed. Support this at each end by two small posts and a cross piece, placing this frame about one foot from the ground. After about a week, remove this framework, except during the hottest part of the day. In two or three weeks it can be discarded entirely. When the plants are large enough to handle, transplant to beds of rich, well prepared soil, and cover the surface with a layer of well rotted, sifted manure. Pansies prefer a rather heavy soil with plenty of well rotted manure; this is very essential. Indeed, it is almost impossible to use too much manure on pansies and the richer the soil the larger and more perfect will be the flowers. Later sowings may be made up to the beginning of February, but they will not do as well as those sown early in the fall and the blooming period will be much shorter.

Payne's Royal Exhibition. See Flower Seed Specialties, page 20.

Bukwul's superb Blotchéd. Extra large, rich colors, each petal having a broad, deep blotch, many of them beautifully lined or penciled. Pkt., 10c.

Cassler's Large Flowered Blotchéd. A splendid strain; flowers beautifully blotched, of richest shades. Pkt., 25c.

Masterpiece. "Frilled Pansy." A grand new class, each petal being conspicuously waved or curled, giving the flower a double or globular appearance. Rich colors, mostly of the dark, velvety shades. Pkt., 50c.


Giant Trimardeau. Large flowered, mixed. Pkt., 15c.

English Show or Faced Pansy. Mixed. Pkt., 15c.

GIANT PANSIES, SEPARATE COLORS

The following varieties, per pkt., 15c; ¼ oz., 65c.

Giant Bridesmaid. White and shining rose, beautifully blotched.

Giant Bright Blue. Ultramarine blue.

Giant Dark Blue. Darkest blue.

Giant Golden Yellow. Five Spotted, a beautiful flower of Cassler type.

Giant Golden Queen. Pure yellow.

Giant King of the Blacks. Velvety black.

Giant Light Blue. Pale blue.

Giant Lord Beaconsfield. Violet, upper petals shading to white.

Giant Madame Perret. Beautiful wine shades on white ground.

Giant Peace. Royal purple and peacock blue.

Giant Snowflake. Pure white.

Giant White. White with purple eye.

Giant Yellow. Yellow with black eye.

Giant Bronze. Bronze shades.

Giant Purple. Deep purple.

Giant mixed.
PETUNIA. Perennial, 1 to 1 1/2 feet. Charming plants for large beds and borders, succeeding well in a sunny situation and blooming for the greater part of the year. Sow the seed in February in seed pans or boxes of light soil, cover the seed very lightly and water with a fine spray. When the plants are large enough, transplant to the open ground.

Note.—Seed saved from the most carefully hybridised flowers, produce about 20 per cent double flowers, the balance being singles of unusually fine quality. The weaker seedlings should be carefully saved, as these invariably produce the double flowers. In a measure the same is true of the single sorts, the small, weak seedlings generally produce the largest and finest flowers, while the large, strong seedlings usually turn out to be the most common types.

Double Fringed. Large, flowered, mixed. Pkt., 50c.

Payne’s Giant Double Paeony Flowered. See Flower Seed Specialties, page 29.


Triumph. See Flower Seed Specialties, page 29.


Balcony Petunias. A new strain, very free flowering, desirable for window boxes, rock work, banks, beds and borders. Flowers large and of good substance.

Balcony Crimson. Pkt., 25c.

Balcony White. Pkt., 25c.

Balcony Rose. Pkt., 25c.

Balcony Blue. Pkt., 25c.


Rosy Mora. A dwarf, compact variety with rose-colored flowers, especially desirable for bedding. Pkt., 15c.


PENTSTEMON. Perennial, 2 to 3 feet. Free flowering plants for borders or beds. Colors in various shades of white, pink, red and purple; beautifully spotted and marked. Sow the seed in spring or early fall in seed boxes and when large enough, transplant.

Hemprichii grandiflorus. Large, flowered, superb, mixed. Pkt., 15c.

PHLOX DRUMMONDI GRANDIFLORA. Beautiful annuals, growing about 1 foot high with brilliant color flowers, producing a dazzling display of color when planted in masses, in large beds or borders. Sow in seed boxes and when large enough, transplant to the open ground.

Large Flowered, white, chamois rose, scarlet, crimson, red with white eye, pink, yellow, or mixed. Each, per pkt., 10c. nana compacta Fireball. Dwarf, rich scarlet. Pkt., 10c.

PHLOX DECUSATA. "Perennial Phlox." This splendid free flowering perennial is deserving of a place in every garden. The plants grow about 2 feet high and produce large heads of flowers of the most beautiful shades. Sow the seed in the fall in seed pans and afterwards transplant. All colors splendidly mixed. Pkt., 15c.

POLYANTHUS. (Primula elatior.) Perennial, 6 to 8 inches, succeeding being grown in a partially shaded place and flowering during winter and early spring. Sow the seed in spring in seed boxes and transplant. Large, flowered chokes mixed. Pkt., 15c.


POPPY, ANNUAL SORTS. Showy flowers for beds and borders, also very effective for sowing broadcast or in drills. The best results will be obtained by sowing in fall or early winter.

Shirley. Single flowers of the most delicate crepe-like texture and even colorable shade of color from white, flesh-color, pink, rose, carmine, scarlet to deep crimson. Pkt., 10c; oz., 50c.


Shirley, Apricot Shades. Pkt., 15c.


Tulip. Large single tulip-like flowers, color dazzling soft. Height 1 1/2 to 2 feet. Pkt., 10c; oz., 50c.

Admiral. Large single flowers, pure white with a broad band of brilliant scarlet around the upper part of the flower. Pkt., 10c.

Danebrog or Danish. Large single flower, brilliant scarlet with silvery white spot on each petal forming white cross. Height 3 feet. Pkt., 10c.

Umbrosum. Single flowers, rich vermilion with deep, black spot at base of petal. Height 2 feet. Pkt., 10c.

Muscari Silverwood. Large flowers, spotted with the upper half of petals chamois rose. Height 3 feet. Pkt., 10c.

King Edward. Large single flowers; deep scarlet, shaded crimson, with large black blotch on lower half of each petal. Height 3 to 4 ft. Pkt., 10c; oz., 50c.

Californian Flowered. Large, double fringed flowers, mixed colors. Height 3 to 4 ft. Pkt., 10c; oz., 50c.

White, Rose and Scarlet. Each, per pkt., 15c.

Paeony Flowered. Large, double globular flowers, mixed colors. Height 3 to 4 feet. Pkt., 10c.

Ranunculus Flowered. Double flowers about 2 inches in diameter and of many imaginable shade of color. Height 2 feet. Pkt., 10c; oz., 50c.

Ryburn Hybrids. See Flower Seed Novelties, page 30.


FLANDERS. See Flower Seed Specialties, page 29.

POPPY, ICELAND. (Papaver nudicaule.) A perennial, blooming the first season from seed. Pretty, rich, fern-like foliage, formed in tufts, from which rise numerous slender stems about 1 foot high, bearing single bright colored flowers. Sow the seed in seed boxes and transplant. White, yellow, deep orange and mixed. Each, per pkt., 10c.

POPPY, ORIENTAL. (Papaver orientale.) A perennial producing many stems about 2 feet high, with large, deep crimson flowers, having a black blotch on each petal, exceedingly showy. Sow the seed in spring when the fall in seed boxes; when large enough, pot up into small pots and later transplant to the open ground. Pkt., 10c. Oriental Hybrids. Splendid hybrids of the Oriental Poppy, producing Immense flowers, 6 inches or more in diameter and of many beautiful shades of pink, salmon, orange, scarlet, etc. Treat the seed the same as the preceding variety. Pkt., 10c.
PORTULACA. A low spreading annual about 6 inches high, flowering in a short time from seed and blooming through the entire summer season. Very effective for massing in beds, producing a perfect carpet of brilliant colors. Sow the seed in spring after the weather has become warm and settled.

Single, White, Yellow, Pink, Crimson or Mixed. Each, per pkt. 10c; ¼ oz. 50c.
Double, blue mixed. Pkt. 15c.

PRIMULA. Light are A Defiance. more sand, ing little Snow Choice of high, Each, profuse flowering A new strain of Primula, though the flowers are slightly smaller than P. sinensis fimbriata the plants are of more robust growth and produce flowers much more freely.

Dark Blue Star. Dark blue. Pkt. 25c.
Light Blue Star. Pale blue. Pkt. 25c.
Lord Roberts Star. Pink. Pkt. 25c.
Snow Star. Pure white. Pkt. 25c.
Choice mixed. Pkt. 25c.

PRIMULA KEWENSIS. Yellow, very desirable for outdoor culture. Pkt. 25c.

PRIMULA OBCONICA. GIGANTEA. A charming little plant for pot culture. Perennial but blooming in a few months from seed; height 6 to 8 inches. A profuse bloomer, bearing heads of 10 to 15 flowers on long stems. Sow the seed in August or September in pots or seed pans of light, rich loam and keep in a frame or greenhouse, pot up when ready. Mixed colors. Pkt. 25c.

PRIMULA MALACOIDES. See Flower Seed Specialties, page 20.

PYRETHRUM. "Golden Feather." Pretty foliage plants with deeply cut leaves, useful for edgings; perennial, 6 to 8 stems. The seed should be kept trimmed and all flowers cut off as they appear. Sow them in boxes, covering very lightly, and when large enough, transplant.

 aureum. Golden yellow foliage. Pkt. 10c.

PYRETHRUM ROSEM. Perennial 1 to 2 feet. Fern-like foliage and large marguerite-like flowers, very desirable for cutting.

 Roseum. Rose pink. Pkt. 15c.

RHODANTHE. A graceful little "Everlasting Flower," annual, 1 foot high. Treat the same as Ageratum. Pink, rose, white, crimson, etc., mixed. Pkt. 10c.

ROMNEYA COLUTHERI. "Matilja Poppy." A native of California; perennial, 6 to 10 feet high, with the characteristic shrubby growth. The queen of California flowers; truly a majestic plant. The plant throws up numerous woody stems with handsome green foliage, topped with large numbers of flowers. The blossoms are often 6 to 7 inches in diameter, of a clove-like texture, purplish or lilac in color with light yellow centers. The seed is hard to germinate; some claim to have had success by soaking the seed in a week solution of lye. Pkt. 15c.

SALPIGLOSSIS GRANDIFLORA. Annual, 1½ feet. Free flowering plants for beds and borders; succeeding best in a sunny situation and blooming all summer. The plants are large, funnel-shaped and produced in great profusion; colors yellow, pink, rose, crimson, brown, steel blue, purplish, violet, etc., beautifully veined and penciled. Sow the seed early in spring in seed boxes and transplant when large enough. Mixed colors. Pkt. 10c.

SALVIA SPLENDENS. "Scarlet Sage." For producing a dazzling mass of color all through the summer months there is probably no other flower that can equal the "Scarlet Sage." It is a perennial, but blooms in a short time from seed. Much used for bedding and succeeding best in a sunny situation. Sow the seed in February or March in seed boxes and when large enough, transplant.

splendens. Long spikes of vivid scarlet flowers; height 2 to 3 feet. Pkt. 10c.

"Bonfire." Forms compact, bushy plants about 2 feet high by 2 feet in diameter. The flower spikes are erect, often 20 to 30 inches long. Though these spikes on a plant is not unusual; color vivid scarlet. Pkt. 15c.

SALVIA PATENS. "Blue Sage." Perennial, 2 feet, flowering the first season from seed, succeeding best in a partially shaded situation. Flowers the most perfect shade of bright blue. Sow the seed the same as the preceding varieties. Pkt. 15c.

SALVIA FARINACEA. Perennial, 2 to 3 feet, flowering the first season from seed and succeeding best in a sunny situation. Flowers light lavender. Sow the seed the same as the preceding varieties. Pkt. 15c.

SCABIOSA. "Sweet Scabious." "Mourning Bride." Annual, 2 to 3 feet, flowering in summer and early fall. Flowers on long stems, producing great bunches and especially valuable for cutting, lasting a long time in water. Sow the seed from February to April in seed boxes and transplant. The plant I am offering here is a great improvement on the old-fashioned sorts. The flowers are large, often 3 inches in diameter, double and of the most exquisite shades.

Large-flowered double. Azure Fairy, King of the Blue, rose-purple, pink, red, rose, white, or mixed. Each, per pkt. 10c.

SCABIOSA CAUCASICA. See Flower Seed Specialties. page 21.

SCHIZANTHUS. Annual, 1½ to 2 feet, producing pretty, butterfly-like flowers in great profusion, exquisitely spotted and marked, resembling some orchids in coloring. Large flowered mixed. Pkt. 10c.

SCHIZANTHUS WISENOTES. See Flower Seed Specialties. page 21.
THEODORE PAYNE, Seedsman and Nurseryman

SHASTA DAISY. One of the most popular of Mr. Bur- 
bank's productions. Perennial, about 1 feet 
flowering in the greater part of the year, but at its 
best in spring and early summer. Desirable for beds 
or borders and also for potting. For cutting pur- 
poses, flowers lasting a long time in water. Sow 
in spring or early fall in seed boxes, covering the seed 
very lightly with yellow 

SILENE PENDULA COMPACTA. Annual, forms com- 
pact little clusters, about 4 inches rose- 
colored; useful for edgings, etc. Pkt., 10c.

SMILAX. Perennial climbing vine, 6 to 8 feet, thriving 
best in a partially shaded place. Largely grown for 
decorating baskets. Sow to germinate in hot water for 
several hours before sowing. Pkt., 10c.

STATICE LATIFOLIA. "Sea Lavender." Perennial, 
1½ feet, producing panicles of small lavender-blue 
flowers, which can be cut dry and used for 
bouquets. Sow the seed late in spring or early in the 
fall, in seed boxes, and transplant. Pkt., 10c; oz., 
$1.

THALICTRUM. Sow seedlings. Sow in the nursery 
boxes, and transplant in the nursery, the bed, 
hanging baskets, or in large pots. Pkt., 10c.

THIJBEGRIA. Very graceful Bonducelli. $ seed. 

TITTHONIA. Annual, climbing vine 5 to 10 feet. It does best 
in California in a rather moist, partially shaded situ- 
ation. Pretty pale green, deeply cut foliage and 
sunny orange 

TROPAEOLUM CANARIENSE. "Canary Bird Flower." 
Annual, climbing vine 5 to 10 feet. It does best 
in California in a rather moist, partially shaded situ-

VERBENA. Perennial of reclining habit, height 9 to 
12 inches. The plants bloom the first season from 
seed and are unsurpassed for bedding where a dis- 
palay of color is desired. After they are established 
they grow with scarcely any attention and a small 
amount of water, producing a sunny situation. Sow 
the seed in winter or early spring in seed boxes and 
when large enough, transplant. 

Mammoth, White, pink, blue, purple or Scarlet 
Defiance, each, per pkt., 10c. Mammoth, all colors mixed. Pkt., 10c. 

LUCIFER. See Flower Seed Specialties, page 21.

VERBENA ERINOIDES. "Moss Verbena." Perennial 
of trailing habit with finely cut foliage and great 
quantities of purple flowers; especially useful for 
planting in plantings and requires very little water. 
Pkt. 15c.

VISCARIA. Free flowering annual growing about 1 
foot high. Very effective for planting in masses 
forming a great display for many months. The flowers 
come in various shades of pink, rose, carmine, blue and 
white.

cardinalis. Bright carmine. Pkt., 10c. 

oeulata coerulea. Blue. Pkt., 10c. 

oeulata mixed. Pkt., 10c. 


VIOLA CORNUTA. "Tufted Pansy." Though the 
flowers are not as large as the regular pansies, they 
bloom so freely that many people consider them 
superior where a mass of color is desired. The 
plants bloom for a long period and the colors are 
particularly clear and distinct. The flowers are light 
and graceful, and not so stiff as those of the regular 
pantsy. Sow the seed in early spring or after the 
early flowering period, from a seed box or large box 
in beds or boxes of light, rich soil and afterwards 
transplant.


Papilio. See Flower Seed Specialties, page 21. 

Lutescens. Clear yellow. Pkt., 15c; ¼ oz., 75c. 

Mixed colors. Pkt., 15c; ¼ oz., 75c.

WALLFLOWER. An old-fashioned fragrant flower; 
biennial, 1½ to 2½ feet. Sow the seed in spring and 
transplant, The plants will flower the following 
winter.


Single mixed. Pkt., 10c. 

Double mixed. Pkt., 10c. 


Winter Flowering. See Flower Seed Specialties, page 21.

ZINNIA ELEGANS. A favorite summer flowering an- 
nual for beds and borders, thriving best in a sunny 
situation. The seed can be sown early in spring in seed 
boxes and transplanted, or later on in the open 
ground.

Double, all colors mixed. Height 1½ to 2 feet. Pkt., 10c. 

pumila. Dwarf, very desirable for bedding. Scarlet, 
Golden Yellow, Salmon Rose. Each. per Pkt., 15c. 

Lilliput. Dwarf, very small, perfectly double flowers; 
mixed colors. Pkt., 10c. 


New Giant Double Quilled, Victory. See Flower Seed 
Novelties, page 21. 


New Dahlia Flowered Zinnia. See Flower Seed 
Novelties, page 21.
Payne's Sweet Peas

Can be sown at any time from October to March; early planting will produce the best results. They require an open situation, good rich soil and plenty of water. Sow in drills covering the seed about 2” deep or a trifle more in light soils. When about a foot high draw the earth up to the stems with a hoe. They should have brush, sticks or wire netting to climb over. By keeping the flowers gathered and any dead flowers cut off, the plants will bloom for a long period

Payne's Spencer Sweet Peas

The Spencer Sweet Peas have large, round, open flowers of extraordinary size, often 2 inches across, with wavy standard and wide-spreading wings, a large number of the flowers coming four on a stem. This class has now superseded the old larger flowered type of sweet peas and there has been great improvement in the varieties in the last few years. I have discarded many of the older varieties for newer and better ones. The following list contains the very best varieties of each color to date.

Barbara. Salmon pink. Pkt., 15c; oz., 50c.
Crimson King. Rich deep crimson. Pkt., 15c; oz., 40c.
Edna May Improved. Pure white. Pkt., 15c; oz., 50c.
Elfrida Pearson. Shell pink. Pkt., 15c; oz., 40c.
Hawthorn Pink. Bright rose pink, shaded salmon. Pkt., 15c; oz., 50c.
Hercules. Rosy pink, immense flower. Pkt., 15c; oz., 40c.
Illuminator. Brilliant orange scarlet. Pkt., 15c; oz., 50c.
Margaret Atee. Rich pink suffused with salmon. Pkt., 15c; oz., 40c.
Matchless. Cream. Pkt., 15c; oz., 50c.
Mrs. Tom Jones. Bright delphinium blue. Pkt., 15c; oz., 50c.
Picture. Delicate pink on cream ground. Pkt., 15c; oz., 50c.
R. F. Felton. The best lavender. Pkt., 15c; oz., 50c.
Rosabelle Light rose pink, very large. Pkt., 15c; oz., 50c.
Royal Purple. Deep rich purple. Pkt., 15c; oz., 40c.
Royal Scott. Glowing orange scarlet. Pkt., 15c; oz., 50c.
Tangerine Improved. Glowing orange. Pkt., 15c; oz., 50c.
The Cardinal. Intense poppy scarlet. Pkt., 15c; oz., 50c.
Warrior. Deep rich maroon. Pkt., 15c; oz., 50c.
Wedgewood. Light blue, extra fine. Pkt., 15c; oz., 40c.
Spencer Mixed. Pkt., 15c, oz. 30c, ½-lb. $1.00.

SPECIAL OFFER. Six varieties Payne's Spencer Sweet Peas in separate packets for 75c.

New Winter Flowering or Long Season Spencer Sweet Peas

A new race of Sweet Peas, having the large waved flowers of the Spencer type, but flowering fully two months earlier, they also continue in flower for a much longer period. For Christmas flowering sow in September; later sowing may be made up until March.

All White. Pure white, large flowers. Pkt., 25c; oz., $1.00.
Amethyst. Royal purple. Pkt., 25c; oz., $1.00.
Aviator. Dazzling crimson scarlet. Pkt., 25c; oz., $1.00.
Bluebird. Violet blue. Pkt., 25c; oz., $1.00.
Columbia. Pink and white, large. Pkt., 25c; oz., $1.00.

We have in stock at all times a greater assortment of flower seeds than will be found in any seed store west of Chicago. An enviable reputation gained through 22 years of consistent effort to procure the best that can be grown is your assurance of fresh, reliable seeds.
California Wild Flower Seeds

The extent and beauty of California's native flowers is just becoming established in the mind of the average home gardener. For many years they were thought of only as "wild flowers, not suitable for planting in anyone's garden, and it is only upon the noticeable lack of material that the thought occurs that they were beautiful after all, and well worthy to a place under our particular sun. Their charm lies not only in their exquisite colors and delicate texture but in the romance and personality they give to a garden—they mean something beyond "some flowers."


Argemone platyceras hispida. "Prickly Poppy." Annual, 1 1/2 to 3 feet high. Flowers white with yellow center. Pkt., 10c.


Dendromecon rigdum. "Tree Poppy." Perennial shrub, 2 to 5 feet high; found on dry banks, blooming in the spring and early summer. Flowers bright yellow with dark centers. Pkt., 10c.


Encelia californica. "Bush Sunflower." Perennial shrub, 2 to 5 feet high; found on dry banks, blooming in the spring and early summer. Flowers bright yellow with dark centers. Pkt., 10c.


Fraseria parryi. Perennial, 1 1/2 to 2 1/2 feet high. Produces loose clusters of star-shaped flowers, brownish-yellow and green, mottled and blended. Pkt., 15c.

Gilia abrotanifolia. Annual, 1 1/2 to 2 1/2 feet high. Large heads of very pale blue flowers. Pkt., 10c; oz., 60c; lb., $6.00.

Gilia achilinifolia. "Blue Gillia." Annual, 1 1/2 to 2 1/2 feet high. Small violet-blue flowers in dense heads on graceful, slender stems. Pkt., 10c; oz., 35c; lb., $4.00.

Gilia capitata. "Large Blue Gillia." Annual, 1 1/2 to 2 1/2 feet high. A slender, somewhat branched plant, with finely cut foliage. Blooms and light blue flowers 2 to 3 months later than the preceding. Pkt., 10c; oz., 40c; lb., $5.00.


Gilia tricolor. "Birds’ Eyes." Annual, 9 to 12 inches. Flowers pale lilac, yellow toward the center, with five pale spots. Pkt., 10c; oz., 40c; lb., $5.00.

Godetia amoena. "Farewell to Spring." Annual, 1 to 2 1/2 feet high. A slender growing plant, usually found on shady banks. Flowers lilac-crimson or red-pink, often with a dark spot. Pkt., 10c; oz., 35c; lb., $5.00.

Godetia botanica. "Farewell to Spring." Annual, 2 to 3 feet high. Flowers pale rose or lilac. Prefers a partially shady place. Pkt., 10c; oz., 75c; lb., $8.00.
Dodecatheon clevelandi—"Shooting Star"

Godetia grandiflora. "Farewell to Spring." Annual, 1 to 2 feet high. Flowers large, delicate pink, marked with rich crimson. Pkt., 10c; oz., 60c; lb., $7.00.

Helianthus annuus. "Sunflower." Annual, 5 to 8 feet high. Flowers yellow with dark brown centers. Pkt., 10c; oz., 60c.

Lathyrus hirsutissimus. "Yellow Monkey Flower." Annual, 1 to 1½ feet high. Flowers bright scarlet; grows in wet places. Pkt., 10c.


Orthocarpus brevipes. "Yellow Monkey Flower." Annual, 1 to 4 inches. With large white deep purple blotch on each petal. Does well in shady places. Pkt., 10c; oz., 35c; lb., $4.00.

Oenothera biennis hirsutissima. "Yellow Evening Primrose." Biennial, 3 to 6 feet. Flowers large, light yellow. Pkt., 10c; oz., 60c.


Phacelia campanularia. "Bell-flowered Phacelia." Annual 1 to 1½ feet high. Flowers intense bright blue. Pkt., 15c; oz., $1.00.


Phacelia coerulea. "Blue Phacelia." Annual, 1 to 1½ feet high. Flowers saucer-shaped, dark violet. Pkt., 10c; oz., 70c.


Phacelia vicioides. "Indian Paint Brush." Annual, 1 to 3 feet high. Flowers saucer-shaped, rich salvia blue. Pkt., 10c; oz., 70c; lb., $5.00.

Phacelia hybrid. "Wislizeni Phacelia." Annual, 1 to 1½ feet high. Large bell-shaped flowers hanging in open, airy clusters; color violet purple. Pkt., 10c; oz., 60c; lb., $7.00.


Silene latifolia. "Indian Pink." Perennial, 1 to 3 feet high. Flowers bright red. Pkt., 15c.


California Wild Flower Seeds in Mixtures

I particularly recommend these mixtures for sowing on waste pieces of ground, parkings, vacant lots, etc. My No. 1 Mixture has an established reputation, as the many letters of praise I have received will prove. It contains twenty distinct species, mixed in their right proportions and will produce a succession of bloom for a long period. Many odd corners and unsightly pieces of waste ground can be transformed into beauty spots by sowing some of these seeds broadcast in the fall about the time the rainy season commences.

In ordering it is only necessary to mention the number of the mixture desired.

Payne's Mixture. No. 1. General mixture of annual wild flower seeds. This mixture is made up of those kinds which will give a succession of flowers for a long period and will succeed under ordinary conditions. Pkt., 10c; oz., 40c; ½ lb., $1.45; lb., $5.00.

Payne's Mixture. No. 2. Mixture of annual wild flower seeds for sowing in shady places. Pkt., 10c; oz., 50c; ½ lb., $1.75; lb., $6.00.

Payne's Mixture. No. 3. Mixture of annual wild flower seeds in orange, yellow and cream shades. Pkt., 10c; oz., 60c; ½ lb., $2.00; lb., $7.00.

Payne's Mixture. No. 4. Mixture of annual wild flower seeds in blue, purple and lavender shades. Pkt., 10c; oz., 50c; ½ lb., $1.75; lb., $6.00.

SURPRISE GARDEN MIXTURE

This is not a mixture of wild flowers, but of garden annuals. It contains twenty distinct species mixed in their large number of different kinds, all of them quite hardy and varieties that will grow with the least amount of care and produce quantities of flowers for a long period. Indeed, there are so many kinds appearing in endless succession that it is a continual surprise from the time the first plant begins to blossom. I recommend it for vacant lots and waste pieces of ground. Pkt., 10c; oz., 50c; ½ lb., $1.20; lb., $4.00.

CALIFORNIA NATIVE PLANTS.

I make a specialty of growing native trees, shrubs and perennial plants, and issue price lists, from time to time, of the kinds I have large enough for sale. The latest list will be mailed free on application.

CALIFORNIA WILD GARDENS

I am prepared to give advice on the subject of making wild gardens, and also equipped for carrying out the work. Estimates furnished and correspondence invited.

Remember, I am headquarters for California wild flower seeds and native plants. Through my work in collecting and bringing before the public the beautiful wild flowers of California extending over a period of seventeen years, there is now a considerable demand for these seeds. It is a regrettable fact that some seed stores have resorted to the practice of selling garden varieties of flowers as wild species. Some of these are cultivated forms of wild flowers, greatly changed, and in many cases much inferior to the original types and others are not native species at all. My No. 1 Mixture has been imitated by some firms with an inferior mixture of such flowers and sold at a price at which the true native species could not be furnished. In buying your seeds, patronize the firm making a specialty of the true wild species. For those who wish quantities of flower seeds for sowing on vacant ground and desire a cheaper mixture than my No. 1 Mixture of California Wild Flower Seeds, I have prepared my Surprise Garden Mixture described below and which I am confident will be found superior to any such mixture offered by other firms.

Special Souvenir Collection of California Wild Flower Seeds

This collection contains twelve choice species in separate packets, all annuals of easy culture, and includes California Poppy, Blue-Eyes, Blue Lupine, Blazing Star, Wild Heliotrope, Blue Gilia and six others equally beautiful.

Mailed to any part of the world

$1.00

For a full list of California Wild Flower Seeds, and also for more complete descriptions of the foregoing species, send for my SPECIAL ILLUSTRATED BOOKLET, "CALIFORNIA WILD FLOWERS: THEIR CULTURE AND CARE." A treatise describing over a hundred beautiful species, with a few notes on their habits and characteristics. Price 15c, postpaid.
Tree and Shrub Seeds

Where not otherwise stated all trees and shrubs described in this list are evergreen. Where a height is mentioned it is understood that it is the ultimate height they attain. Space will not permit giving full instructions for sowing seed of each kind of tree but a few general remarks may not be out of place. Most tree seeds are better sown in the latter part of winter or spring, though there are many that can be sown at any time, and some which must be sown while the seed is fresh. Most kinds are best sown in boxes, of light, well-drained soil, covering the seed about its own depth or some of the larger ones a little deeper, press the soil down slightly with the hands. Keep in a lath house, frame, or some sheltered place and water carefully. As soon as large enough to handle, pot and grow on until large enough to plant in the open ground, where they are to remain. Pines and other Conifer seeds are best sown in March and April; use a soil containing plenty of decayed leaves, compost, and always water in the morning and not at night, the young seedlings "damp off" very easily.

Acacia seeds should be soaked in hot water for twelve hours or more before sowing. Some seeds are good only for a short time and in these cases I have stated the time at which fresh seeds can be had.

**Acacia Armata.** "Kangaroo Thorn." 10 feet. A spreading shrub, with small yellow flowers, excellent for grouping and also for hedges. Pkt. 15c; oz. 75c; lb. $7.50.

**A. Baileyana.** 30 feet. A strikingly beautiful tree with glaucous pinnate foliage and covered late in winter with canary-yellow flowers which completely envelop the tree. Pkt. 15c; oz. 50c; lb. $5.00.  

**A. Dealbata.** "Silver Wattle." 60 feet. A magnific- cent, rapid-growing tree with glaucous, finely cut foliage and covered late in winter with golden-yellow flowers. One of the best for street planting. Pkt. 10c; oz. 40c; lb. $4.00.

**A. Decurrens.** "Green Wattle." 75 feet. A rapid- growing tree and one of the best for avenues. Finely cut, feathery, light green foliage. Flowers bright yellow. The wood is valuable for turners' work and the bark is rich in tannin. Pkt. 15c; oz. 50c; lb. $5.00.

**A. Elata.** (A. proicerca.) 60 feet. A very ornamental, rapid-growing tree, with large, handsome, pinnate foliage, and bearing quantities of pale yellow flowers. Pkt. 15c; oz. $1.00.

**A. Floribunda.** (A. nerifolia.) 30 feet. A very rapid-growing species of pendulous habit, long narrow leaves; flowers light yellow. Pkt. 15c; oz. 50c; lb. $5.00.

**A. Juliibrissin.** (Albizia julibrissin.) 40 feet. A beautiful deciduous tree of wide-spreading habit, with finely divided, feathery foliage. Flowers pink, produced in large clusters, very showy. Pkt. 15c; oz. 50c.

**A. Latifolia.** See A. longifolia.

**A. Linifolia.** "Flax-leaved." 12 feet. A tall-growing shrub, with long, narrow leaves; yellow flowers in axillary racemes; very pretty for planting in groups. Pkt. 15c; oz. 60c; lb. $5.00.

**A. Longifolia.** "Sydney Golden Wattle." 30 feet. A species widely known in Australia. It is often wrongly, un- der the name of A. latifolia, Of rather slender habit. If properly trimmed it makes a fine street tree; also does well near the sea. Leaves bright, light, glossy green. Very free flowering. Catkins of light yellow flowers at the axil of every leaf. Pkt. 15c; oz. 50c; lb. $5.00.

**A. Lophantha.** (Albizia lophantha.) 30 feet. Of rapid growth and useful for temporary shelter; valuable for planting on sand dunes along the sea coast. Pkt. 10c; oz. 20c; lb. $2.00.

**A. Melanoxylon.** "Blackwood." 75 feet. Of compact, pyramidal growth. The favorite tree for street planting in Los Angeles. The wood takes a beautiful polish and is considered almost equal to walnut. It is used in Australia for pianos, billiard tables, etc. Pkt. 10c; oz. 40c; lb. $1.00.

**A. Mollissima.** "Black Wattle." 50 feet. A rapid growing tree of erect and upright growth, with dark green, feathery foliage; flowers yellow, blooms in late spring. Pkt. 15c; oz. 50c; lb. $5.00.

**A. Pendula.** "Weeping Myall." A rare and beautiful tree, with weeping branches, narrow, silvery gray foliage and golden yellow flowers. Pkt. 25c; oz. 1.00; lb. $1.50.

**A. Podalyriaefolia.** A very rare and beautiful shrub, somewhat similar to A. cultriformis, but with larger leaves and larger flowers, which are produced in immense quantity in May and June. For this reason it is especially recommended for cutting. Flowers rich canary yellow. Pkt. 25c; oz. $1.50.

**A. Prominens.** 40 feet. One of the most beauti- ful of all Acacias; of some pendulous habit with small narrow foliage and great profusion of golden yellow flowers. Pkt. 25c; oz. $1.50.
A. PRUNOSA. 25 feet. A very beautiful tree with large, handsome, finely-cut foliage, which is of a rich light green. The young foliage and shoots are pellucid auburn; flowers pale yellow. Pkt., 15c; oz., 75c; lb., $7.50.

A. PYCANTHIA. "Golden Wattie." 30 feet. Of quick growth; leaves long and narrow; flowers pale yellow, pendulous, bright golden yellow and fragrant. Pkt., 15c; oz., 50c; lb., $1.50.

A. SALIGNA. 25 feet. Of drooping habit; leaves long, flowers rich yellow. Pkt., 15c; oz., 50c; lb., $6.00.

A. VERTICILLATA. 12 feet. A shrub of rather spreading growth, with small linear leaves and with flower spikes one inch or less in length; flowers deep yellow and extending the entire length of the young branches; one of the best for planting in groups. Pkt., 15c; oz., $1.50.

ACER MACROPHYLLUM. "California Maple." A deciduous tree, attaining heights of about 100 feet. Leaves large, deep, five-lobed, rich green, pale beneath. A native tree found growing along the streams of creeks in many of our canyons, but thriving under cultivation in the valleys. Pkt., 15c; oz., 25c; lb., $2.50.

ALBIZZIA. See Acacia.

AMELPELIS VERTICHI. "Boston Ivy." "Japan Ivy." A handsome vine, much used for covering stone, brick and wooden walls, to which it clings tightly. The leaves are shining, glossy green, turned red and yellow in the fall. Pkt., 10c; oz., 45c; lb., $4.00.

ANGOPHORA LANCEOLATA. A tall spreading tree with clean, smooth bark, much resembling a eucalyptus. So do it if you like red and related. It is valuable for planting for ornamental purposes as single specimen trees. Pkt., 15c; oz., $1.50.

ANOMA CHERMOLLA. "Chermoryt." Peru. A small bushy tree, with broad or arching leaves. The fruits are produced in great abundance of a grayish-brown color, each fruit having a heart-shaped, soft, brown seed, of a delicious flavor. Pkt., 15c; oz., 50c; lb., $5.00.

ARBUSUS MENZIESI. "Madrono." 75 feet. A native tree found in the coast range. The foliage is thick, bright green and leathery; bark smooth, brownish-purple and fragrant, followed by red berries. Pkt., 10c; oz., 40c; lb., $4.00.

A. UNEDO. "Strawberry Tree." South of Europe. 16 feet. Beautiful dark green foliage. In the fall the trees are covered with both blossoms and fruit; the latter in appearance like strawberries. Pkt., 15c; oz., 50c; lb., $5.00.

ASH, ARIZONA. See Fraxinus.

BAUHINIA PURPUREA. 10 feet. A valuable shrub with dark red flowers, drooping towards the ends. The foliage is dark green and pricky, somewhat like holly, and often turns a bright red in fall, which color it holds through the winter. In early spring the plants are covered with a profusion of golden yellow flowers. Pkt., 15c.

B. JAPONICUM. 8 feet. Leaves about one foot long. Bright yellow in color, produced in large numbers. In hot, dry climates it should be planted in a shady situation. Pkt., 15c; oz., 50c.

B. SEPTEMBERFOLIA. 4 feet. A very desirable shrub, with long, slender, arching branches and small, long, narrow, dark green leaves, which are silvery on the undersides. The flowers are white and produced in great profusion. Pkt., 25c.

BROOM. See Spartium.

CALLISTEMON RIGIDUS. "Bottle Brush." A beautiful shrub, with large red, brush-like flowers. Pkt., 15c; oz., 50c; lb., $5.00.

CALLITRIS ROBUSTA. "Cypress Pkt." In Australia it grows to a tall-sized tree, sometimes attaining 90 feet in height, but the specimens in Southern California have only attained the size of large shrubs. The branches are short, crowded and erect, giving the foliage the appearance of growing in tiers. It is very ornamental for planting in gardens, having a particularly bright, clean appearance. Pkt., 25c; oz., $1.50.

CAMPHORA OFFICINALIS. "Camphor Tree." China and Japan. 40 feet. A very ornamental, symmetrical, growing tree, with large, glossy green leaves, the young foliage being of a pleasing delicate rose color, and well adapted for planting in commercial lots. The tree from which the camphor of commerce is extracted. Fresh seed from January to April. Pkt., 15c; oz., 25c; lb., $3.50.

CARPENTERIA CALIFORNICA. A rare native shrub, with handsome, glossy foliage, and bearing large, fragrant, pure white flowers with yellow stamens. Pkt., 25c.

CASSIA ARTENSIOSIDES. Central Australia. A pretty shrub, with finely cut slivery grey foliage and clusters of very small, pale yellow flowers. Pkt., 15c; oz., $1.00.

C. FLORIBUNDA GRANDIFLORA. 10 feet. Free blooming shrub, of rather loose, spreading habit. Leaves and stems of a rich red, deep green; flowers large, bright yellow with brown anthers. Pkt., 15c; oz., $1.00.

C. TEMEROSA. Mexico. A quick growing shrub, with bright yellow flowers, blooming all through the winter. Very effective for planting in groups. Pkt., 15c; oz., 50c; lb., $5.00.

CASUARINA EQUISIFOLIA. "Beefwood." Southeast Australia. 50 feet. A striking tree of rapid growth, with drooping branches, dark green, needle-like leaves, 50c, 16c; oz., 75c, 15c.

C. QUADRAVISI. "Coast She Oak." Southeast Australia. 60 feet. Valuable for planting on the sea coast for holding the sand. Pkt., 15c; oz., $1.00.

C. STRICTA. "She Oak." Attaining a height of about 75 feet, has forms as valuable and early as many shrubs, being really valuable for planting along roadsides. It produces a very tough wood, suitable for tool handles. Pkt., 15c; oz., 75c.

C. TRIFOLIA. "Hardy Catalpa." 50 feet. A well known deciduous tree of rapid growth, much used for planting in streets. Pkt., 15c; oz., 40c; lb., $4.00.

CEDRUS ATLANTICA. "Mt. Atlas Cedar." 100 feet. A splendid tree of upright, pyramidal growth with silvery green foliage. Pkt., 15c; oz., 60c; lb., $6.00.

C. DEODARA. "Himalayan Cedar." 120 feet. One of the most handsome trees in cultivation, succeeding most remarkably well in California. Drooping branches and silvery green foliage. Pkt., 15c; oz., 60c; lb., $6.00.

C. LIBANI. "Cedar of Lebanon." One of the most striking and graceful of all evergreen trees, having branches growing horizontally; of darker green than the preceding. Pkt., 15c; oz., 60c; lb., $6.00.

CERATONIA SILIQUA. "St. John's Bread," or "Carob Tree." 40 feet. A small, deciduous shrub, having clusters of dark green foliage; will grow in any soil and the small white flowers with scarcely any water. Pkt., 10c; oz., 25c; lb., $2.50.

CHAMAECYPARIS LAWSONIANA. "Lawson's Cypress." California and Oregon. 200 feet. One of the most striking and graceful of all evergreen trees, having branches growing horizontally and flat, compressed foliage; unsuited for specimens on lawns. Pkt., 15c; oz., 60c; lb., $2.50.

CHORIZEMA ILCICIFOLIUM. A spreading shrub or half-climber from Australia. The leaves are with wavy margins and spine-like teeth, somewhat like holly. The flowers are small, green and purple and yellow. It blossoms in winter and early spring when the plants are simply a mass of brilliant colors. Pkt., 25c.

COPROSMA BAUERI. A very handsome low growing shrub. The leaves are almost round, of a clean, glossy green color, and have the appearance of having been varnished. It is especially valuable for planting in small beds, around a porch or against a wall. Pkt., 15c; oz., 35c.

CORNUS CAPITATA. (Benthamia fragifera.) "Evergreen Dogwood," 15 feet. Large shrub with flowers resembling those of the Eastern Dogwood, cream-colored, changing to a reddish shade before falling. This shrub is better suited to California conditions than the eastern species and has the advantage of bearing four seasons of bloom. Pkt., 15c.

CORONILLA GLAUCA. A small shrub with glaucous foliage and quantities of bright pea-shaped flowers. Pkt., 15c; oz., 75c.
COTONEASTER PANOSA. A very desirable shrub, of spreading habit, with many gracefully drooping branches, grey green downy foliage; covered in fall and winter with quantities of bright red berries. Pkt. 10c; oz. 40c; lb. $4.00.

CRATAEGUS PYRACANTHA LALANDI. “Evergreen Thorn,” or “Burning Bush.” 10 feet. A thorny, sharp-pointed evergreen shrub with small dark green leaves and white flowers followed by masses of deep orange-red berries which particularly attract attention, remaining on the plant all winter. Pkt. 10c; oz. 40c; lb. $4.00.

CRATANULA. Similar to the preceding but has narrower leaves and bright red berries. Pkt. 10c; oz. 40c; lb. $4.00.

CRYPTOMERIA JAPONICA. “Japan Cedar.” 120 feet. The largest tree of Japan, attaining 35 feet in circumference and yielding a valuable timber. Very effective for planting in large grounds. Pkt. 10c; oz. 30c; lb. $3.00.

C. ELEGANS. “Fine-leaved Japan Cedar.” Very ornamental, fine featherly foliage, which in winter turns to a reddish brown. A splendid tree for planting on lawns. Pkt. 15c; oz. 50c.

CUPRESSUS ARIZONICA. “Arizona Blue Cypress.” 70 feet. A tree of great scenic value, and without doubt the most effective of all the Cupressus. It grows quite rapidly, and forms a perfect tree, thriving in almost any soil, standing intense heat, and much frosts. A magnificent cutting for indoor use. A wonderful photograph of a tree in its native habitat in Arizona, where my stock of seed was collected. Pkt. 15c; oz. 60c; lb. $6.00.

C. BENTHAMII KNIGHTIANA. “Knight’s Cypress.” 70 feet. A remarkably handsome tree with drooping, feathery branches and graceful foliage. Pkt. 15c; oz. 60c; lb. $6.00.

C. MACROCARPA. “Montery Cypress.” 70 feet. A native tree, extensively planted for hedges and very valuable for single specimens. The tree becomes so picturesque in old age. Pkt. 10c; oz. 35c; lb. $3.50.

C. LUSITANICA. (C. glauca) “Blue Cypress.” A rapid growing variety of rather pyramidal habit with glaucous foliage. Pkt. 15c; oz. 50c; lb. $6.00.

C. SEMPERVIRENS VAR. FASTIGIATA. “Italian Cypress.” 75 feet. A tall, tapering tree with erect branches which are parallel with the trunk. Large, green, graceful foliage. Pkt. 15c; oz. 60c; lb. $6.00.

CYDONIA JAPONICA. “Flowering Quince.” China and Japan, a deciduous shrub, bearing a great profusion of bright, crimson-scarlet flowers, early in the spring. Pkt. 15c; oz. $1.00.

CYDONIUM BETASEA. (Solnunum betaceum) “Tree Tomato.” Grows to a height of about 8 feet, with large, handsome foliage. It produces quantities of egg-shaped fruits, which are of a bright orange color, and are sometimes used for preserves Pkt. 25c.

CYTIUS LABURNUM. “Golden Chain.” A beautiful deciduous shrub or small tree, with showy panicles of pea-shaped flowers, of a rich yellow, appearing in great profusion early in spring. Pkt. 15c; oz. 60c; lb. $6.00.

CYTIUS PROLIFERUS. “Tagasaste.” A shrub growing to a height of about 12 feet. It produces large quantities in great profusion early in spring. Pkt. 15c; oz. 75c.

DENDROMECON RIGIDUM. “Tree Poppy.” A native perennial shrub, 4 to 8 feet. Graceful, willow-like foliage and bright-yellow flowers, 3 inches or more in diameter, are produced all the year. Seed is hard to germinate. Pkt. 15c.

ERYTHRINA CRISTA GALLI. “Corall Tree.” Brazil. 20 feet. A beautiful deciduous tree, with large, deep crimson flowers, which are brilliant red, pea-shaped flowers. Pkt. 15c; oz. $1.00.

FICUS AUSTRALIS. “Australian Banyan Tree.” 100 feet. A handsome tree with large, glossy foliage. Suitable for planting on large lawns, etc. Pkt. 15c; oz. $1.00.

F. MACROPHYLLA. “Moreton Bay Fig.” 100 feet. A magnificent tree, forming a large, compact, spreading head; very effective for planting in large grounds. Leaves a bright, green, attractive shade; flowers freely from the size of the preceding species. Pkt. 15c; oz. $1.00.

FRAXINUS VELUTINA. “Arizona Ash.” A deciduous tree, largely planted in Arizona and New Mexico for shade purposes; the foliage is of bright scarlet, being of quick growth, and standing both heat and drought remarkably well. Pkt. 15c; oz. 50c.

FREMONTIA CALIFORNICA. “California Slippery Elm.” A beautiful deciduous tree, attaining to 20 feet high. It reaches its greatest perfection on the desert side of our mountains. The flowers are large, two golden-yellow, fertilized by the wind. The seed is hard to germinate. Pkt. 15c; oz. $2.00.

GENISTA ANDREANA. A free flowering shrub. Flowers bright yellow, marked with crimson. Pkt. 15c; oz. $1.00.

G. CANARIENSIS. A pretty shrub, very effective for planting in groups, being covered in spring with bright yellow flowers. Pkt. 15c; oz. 75c.

G. FRAGRANTS. (G. ramosissima.) Of rather compact growth, covered with bright yellow fragrant flowers. Often grown as a pot plant. Pkt. 15c; oz. $1.50.

G. MONOSPORA PENDULA. “Bridal Veil.” 10 feet. A rare and handsome shrub with fine, drooping, silvery branches. The flowers are white and produced in late winter. Pkt. 15c; oz. $1.50.

G. STENOPEATA. (G. maderensis.) A magnificent shrub with handsome trifoliate foliage and very long spikes of bright, yellow flowers. Very ornamental and useful for cutting. Pkt. 15c; oz. $1.25.

BREVILLEA ROBUSTA. “Silky Oak.” 150 feet. A large tree with plenty fern-like foliage, covered late in spring with orange-colored flowers which are a great source of honey for bees; does well in all parts of California and is one of the most stately trees for avenue planting; thriving with scarcely any water. Pkt. 15c; oz. 60c; lb. $6.00.

GUAVA. See Psidium.

HAKEA ELLIPTICA. A shrub of rather compact habit, growing to a height of 5 or 10 feet. The older leaves are glabrous, round, and the young shoots and leaves have a bronze or rusty appearance. Very ornamental for lawn or shrubbery planting. Pkt. 25c.

H. LAURINA. (H. eucalyptoides.) 10 feet. A winter blooming shrub, with foliage similar to the Blackwoods and Acacias, bearing handsome heads of red flowers with white stigmas. Pkt. 25c.

H. PUGIONIFORMIS. Much branched shrub of spreading habit, having short, needle-like leaves and large numerous flowers which are a source of nectar for bees; does well in all parts of California and is one of our finest shrubs. Very desirable on account of its handsome foliage and for its bright colored berries. Pkt. 15c; oz. 50c; lb. $.40.

JACARANDA MIMOSAEFOLIA. (J. ollavifolia.) Brazil. 30 feet. One of the finest of our flowering trees, literally covered in early summer with large Poinsettia-like flowers. The leaves are finely cut, like a fern and very pretty. In pods containing from 30 to 40 seeds. Pod 5c, doz. pods 50c.

JUNIPERUS CALIFORNICA. “California Juniper.” A beautiful shrub or small tree, which grows 20 feet in dry, sandy situations. The foliage is a beautiful, deep, rich green. Pkt. 15c; oz. 40c; lb. $.40.

J. BERMUDIANA. “Bermuda Juniper.” 40 feet. A beautiful tree of gracefully branched habit, with a profusion of pale bluish-green foliage. Pkt. 15c; oz. 50c.

J. COMMUNIS. “Common Juniper.” 40 feet. A tree of upright, rather compact growth; beautiful grey green foliage. Pkt. 15c; oz. 40c.

345 So. Main Street, Los Angeles, California 39
J. SABINA VAR PROSTRATA "Dwarf Trailing Juniper" A dwarf trailing variety, with handsome globose foliage. Very valuable for rock gardens, etc. Pkt. 15c, oz. 25c.

J. VIRGINIANA "Red Cedar." U. S. 100 feet. A well known tree with green or bronze green foliage. Pkt. 10c, oz. 35c, lb. 5.50.

LAGUNARIA PATERSONI, 20 feet. A small pyramidal evergreen tree, with glossy dark green leaves. A spreading shrub is especially valuable for planting on sand dunes and banks to hold the soil, also used for planting in clumps for temporary shade. Flowers deep lake red. Pkt. 15c; oz. 50c.

LEPTOSPERMUM LAEVIGATUM. This beautiful shrub does particularly well in California, and is particularly valuable for filling up odd corners. It grows rapidly and in the spring is laden with a profusion of white blossoms. Pkt. 25c; oz. 2.00.

LEUCADENDRON ARGENTUM. "Silver Tree." Cape of Good Hope. 30 feet. A rare tree, some fine specimens of which are to be seen in Santa Barbara. It is a soft, silvery tree with slender branches, densely covered with silky hairs. Great care must be taken to have good drainage in the seed pans or boxes as the young seedlings or "damp" off very easily. 10 seeds 50c; 100 seeds $2.00.

LIBOCEDRUS DECURRENS. "Incense Cedar." 100 feet. A native California tree, thriving well under cultivation. It forms a very handsome, compact growing tree, with cinnamon bark and bright green foliage. Making a valuable ornamental. Pkt. 15c, oz. 60c, lb. $5.00.

LIGUSTRUM NEPALENSE. "Small-leaved Privet." 10 feet. Much used for hedges in Southern California. It grows quickly and can be trimmed in any way desired, making a dense, thick hedge. Leaves small, light green, flowers white, in large sprays. Pkt. 10c, oz. 25c, lb. $2.50.

LIGUSTRUM JAPONICUM, "Japanese Privet." 20 feet. A large shrub or small tree, with glossy, dark green, leathery leaves; often used for hedges and as trimming. Pkt. 15c, oz. 60c, lb. $5.00.

MAGNOLIA GRANDIFLORA. $3.00. One of the finest of American evergreen trees; the leaves are thick, bright green and rusty on the under side; flowers very white and fragrant. Fresh from November to January. Pkt. 10c, oz. 30c, lb. $3.00.

MELALEUCA ERICIFOLIA. "Button Brush." A large shrub with white to yellow white, yellowish-white, white, pink, and purple flowers. Pkt. 15c.

M. ARMILLARIS. "Button Brush." 15 feet. Of spreading growth with slender drooping branches covered with soft small green leaves. Flowers creamy white. Pkt. 15c.

M. DECUSATA. "Button Brush." 15 feet. Large shrub with arching branches; leaves small, opposite, gray green. Short spines of lilac flowers. Pkt. 15c.

M. NESOPHILA. "Button Brush." A handsome shrub of spreading habit with grey green foliage and rosy lilac blossoms. Pkt. 15c.

M. VERNICIFOLIA. "Button Brush." A tall shrub with very white, pink, and purple flowers, opposite leaves, and producing large spikes of rich red flowers. Pkt. 15c.

MELIA AZedarACH UMBRACULIFORMIS. "Texas Umbrella Tree." A well known deciduous tree. The branches extend and in a manner radiate from the trunk and with drooping foliage, give the appearance of an gigantic umbrella. It is a handsome shade tree and will stand a great amount of heat. Pkt. 10c, oz. 25c, lb. $2.00.

METROSIDEROS TOMENTOSA. A beautiful shrub from New Zealand. Leaves thick and leathery, green on the upper side but whitish beneath. The flowers appear in round terminal clusters, and are red-brown in color. Pkt. 15c; oz. 50c, lb. $5.00.

MYRTUS COMMUNIS. "Common Myrtle." Handsome shrub of rather compact growth, with small, grey green, aromatic leaves. Bears quantities of small white, fragrant flowers. Valuable either for single plants or for a hedge. Pkt. 15c; oz. 50c.

PARKINSONIA ACULEATA. Shrub or small tree, 15 to 25 feet. It has thorny, drooping branches, with long, feathery foliage, and showy yellow flowers. Pkt. 15c; oz. 50c.

PEPPER TREE. See Schinus.

PICEA EXCELSA, "Norway Spruce." 150 feet. A magnificent tree; the branches assume a very grace- ful drooping habit. When the tree is 20 feet high. Pkt. 15c; oz. 50c, lb. $5.00.

PINUS AUSTRIACA. "Austrian or Black Pine." 100 feet. A spreading tree; leaves in pairs about 4 inches long. Pkt. 10c, oz. 50c, lb. $5.00.

P. CANARIENSIS, "Blue Pine." 80 feet. A beautiful evergreen tree, the long, slender spikes of a grey-blue color. It is of rapid growth with a broad flat top and well and is one of the best pines for Southern California. It has a very characteristic look of the stump when cut down or even burnt off, which is a valuable feature in the reforestation of our mountain valleys. Pkt. 15c; oz. 50c, lb. $5.00.

P. COULTERI, "Big Cone Pine." 80 feet. A native species from the San Bernardino and San Jacinto Mountains at an elevation of 4500 to 7000 feet, but, unlike most of our native pines from high altitudes, it succeeds well under cultivation in the valley. In the rough bark the needles are in clusters of three, stiff and erect and of a dark blue green color. Pkt. 15c; oz. 50c, lb. $5.00.

P. HALEPENSI S, "Aleppo Pine." Western Asia,-60 feet. A tree of rapid growth with a spreading habit, with light yellowish-green foliage. It is not well in California, and is a valuable ornamental tree. Pkt. 15c, oz. 50c, lb. $3.00.

P. INSIGNIS, (P. radiata), "Monterey Pine." 100 feet. A well known native species of rapid growth, succeeding best near the coast. Pkt. 10c, oz. 40c, lb. $4.00.

P. MARITIMA, (P. pinaster), "Seaside Pine." Southern Europe. 60 feet. A beautiful tree with deep feathered bark, needle-like grey-green, 6 to 9 inches in length; valuable for planting along the coast. Pkt. 10c, oz. 30c, lb. $3.00.

P. MURICATA, "Bishop Pine." A native California species of medium height, and low hills from San Luis Obispo northward, a favorite for the coast. It forms a tree 40 to 80 feet high, with rough bark or flat top, and valuable for wind breaks or for ornamental purposes. The seed cones are produced in circles around the main trunk nearly to the ground to its summit, and also on the main branches. These cones are persistent for an indefinite time, often 15 to 25 years, and give the trees their most unique appearance. Pkt. 15c; oz. 75c, lb. $7.50.

P. PARRYANA, (P. quadrifolia), "Parry’s Nut Pine." A rare tree of medium height, with soft top and short needles from 1 to 1½ inches long of a glaucous color. Found in the dry mountains of Lower California, and rare in San Diego County. Pkt. 10c; oz. 50c, lb. $5.00.

P. PINEA, "Italian Stone Pine." 60 feet. A very picturesque tree; branches spreading and usually confined to the top of the tree. Pkt. 15c, oz. 30c, lb. $5.00.

P. SABINIANA, "Sabin’s Nut Pine." A native tree found in Antelope Valley and from there northward; needles light green or glaucous, three in a cluster and drooping. It succeeds well under cultivation and forms a handsome tree. Pkt. 10c, oz. 50c, lb. $3.00.

P. TORREYANA, "Torrey Pine." A native pine found on the bluffs at Del Mar, in San Diego County; a rather small tree of spreading habit, needles long as five in a cluster, and well under cultivation. Pkt. 15c; oz. 50c, lb. $5.00.

P. TUBERCULATA, (P. attenuata), "Knob Cone Pine." A native species, especially valuable for dry hillsides. Handsome light green foliage. Pkt. 15c; oz. 75c, lb. $7.50.

PITOSPORUM EUGENIOIDES. 20 feet. A handsome shrub of upright growth, with small green leaves and dark stems. Very pretty for hedges and also as single specimen plants. Pkt. 15c; oz. 75c, lb. $3.75.

P. PHILLYRAEOIDES. A rare and graceful tree attaining a height of 20 to 30 feet. In habit and general appearance it resembles the Weeping Willow, having drooping branches and narrow green leaves, but it has the advantage of being an evergreen tree. Pkt. 25c.

P. CRASSIFOLIUM. A tall growing shrub, with grey green, downy foliage and small deep red flowers. Thrives especially well near the coast. Pkt. 15c, oz. 50c.
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If large quantities of seeds are desired, use this order sheet for your want list and we will gladly quote prices, f. o. b. Los Angeles.
P. NIGRICANS. Shrubs of upright growth; small shiny green leaves and dark, almost black stems. Pkt. 15c, oz. 75c.

P. TOBIRA. A handsome shrub, with dark green, shiny leaves with many white, fragrant flowers. Pkt. 15c, oz. 50c.

P. RHOMBOFOLIUM. A beautiful tree and highly recommended for street planting. It is of compact growth and the foliage is of a bright, rich green. It bears large umbels of white, fragrant flowers, followed by orange-colored berries in the fall of the year. Pkt. 25c; oz. $1.00.

P. UDULATUM. A shrub or small tree, with large lance-shaped, deep green, glossy leaves and white fragrant flowers. It makes a splendid hedge and is very handsome above the snow. Suitable for hedges; also suitable for street trees. Pkt. 15c, oz. 50c.

PRIVET. See Ligustrum.

PRUNUS CAROLINIANA. "Carolina Cherry." A large shrub or small tree of pyramidal form; pretty, glossy green leaves and white flowers. Makes a splendid street tree. Fresh seed from January to April. Pkt. 15c, lb. $1.50.

P. ILICIFOLIA. "California Cherry." A beautiful native shrub found in most of our foothills. It has pretty, holly-like foliage and small white flowers. Very good as a hedge, and also makes a splendid hedge. Fresh seed from November to April. Oz. 15c, lb. $1.00.

P. INTEGROLATA. "Catalina Cherry." From Catalina Island. A tree of great beauty, leaves large, oval, rich, glossy green; very pretty as single specimens or groups. Fresh seed from November to April. Pkt. 10c, oz. 15c, lb. $1.50.

PSIDIIUM CATTLEYANUM. "Strawberry Guava." A small shrub grown for the fruit, which is round, deep red color, with strawberry flavor. Much used for jellies and preserves, also for eating fresh. Pkt. 15c, oz. 50c. lb. $1.00.

P. GUAYAVA. "Lemon Guava." Fruit yellow, pear-shaped; valuable for jellies and preserves. Pkt. 15c, oz. $1.00.

RAPHOLEPIS JAPONICA. (R. ovata.) Japan. 12 feet. A shrub or small tree of compact shrub of rather slow growth. The leaves are oval, thick and leathery, and of a dark, rich green. In spring the plants are covered with beautiful white, fragrant flowers. Pkt. 10c, oz. 30c, lb. $3.00.

ROBINIA FUSCOSACCA. "Yellow or Black Locust." 60 feet. A deciduous tree, with good size and growth, largely used for planting on timber claims. Handsome pinate foliage: flowers pea-shaped, white, fragrant, in clusters. Pkt. 10c, oz. 25c, lb. $2.50.

RHS LAURINA. "Sumach." A native shrub, of compact form with smooth green foliage and small white flowers. Pkt. 15c; oz. 50c.

SCHINUS MOLLE. "Pepper Tree." Peru. 50 feet. This beautiful tree is one of our cultivated trees; with its long branches of finely cut, delicate green leaves and coral red berries, it is the adornment of every street in our state. Oz. 15c, lb. $1.25.

S. TEREIBINHOFIUS. "Brazilian Pepper." 40 feet. Of upright spreading growth, leaves larger than in the preceding. Large, erect clusters of coral red berries appearing in winter. Pkt. 10c, oz. 35c.

SCIAPODYS VERTICILLATA. "Umbrella Pine." Japan. 100 feet. A remarkably handsome tree of slow growth, doing well in California near the coast, well suited for planting on lawns. Branches in regular whorls, covered with deep green, narrow leaves 2 to 3 inches long. Pkt. 15c, oz. 75c, lb. 25c, $2.50.

SEQUOIA GIGANTEA. "California Big Tree." 300 feet. A magnificent tree of perfect pyramidal form. Foliage bluish green. Pkt. 15c; oz. $1.00.

S. SEPHEVIRENS. "California Redwood." 300 feet. Of slow growth, a splendid ornamental tree, succeeding well in all parts of the state. Leaves dark green, paler underneath. Pkt. 15c, oz. 50c, lb. $5.00.

SCHRUTUM JUNCIEUM. "Spanish Broom." 10 feet. A quick growing shrub of upright habit. Large, yellow, pea-shaped flowers in great profusion on round leafless branches. Pkt. 15c, oz. 50c.

S. MULTIFLORUM ALBUM. "White Portugal Broom." 8 feet. A pretty shrub with large, white, pea-shaped flowers. Pkt. 15c, oz. 75c.

S. SCOPEARUM. "Scotch Broom." 6 feet. A rather thick growing shrub; bright green stems and yellow pea-shaped flowers. Pkt. 15c, oz. 50c.

S. ACERIFOLIA. (Brachychiton acerifolium. "Flame Tree." 80 feet. A tree of rather sturdy habit, with deeply-lobed, maple-like leaves; produces scarlet flowers in clusters which stand well above the foliage. Pkt. 15c, oz. 50c, lb. $4.00.

S. DIVERSIFOLIA. "Victorian Bottle Tree." 60 feet. Of compact pyramidal growth; leaves bright, glossy green and of many different shapes. Thrives with a small amount of water and has been largely planted as a street tree. Pkt. 10c, oz. 50c, lb. $5.00.

THUJA OCCIDENTALIS. "American Arborvitae." "White Cedar." 60 feet. A handsome tree for single specimens and also for high hedges or screens. The foliage is bright green; some assume brown or bronze tones in the winter. Pkt. 15c, oz. 60c, lb. $2.50.

T. VELENTIS. (Bota orientalis.) "Chinese Arborvitae." 25 feet. A small thick growing pyramidal tree. Bright green foliage turning bronze or brown in the winter. Desirable for small specimen trees or for hedges. Pkt. 10, oz. 30c, lb. $3.00.

T. ORIENTALIS AUREA. "Golden Arborvitae." 10 feet. A form of the preceding; the foliage assumes a golden tint in spring; very regular and compact in growth. Pkt. 10c, oz. 40c, lb. $4.00.

T. ORIENTALIS COMPACTA. 8 feet. A dwarf, very compact form of the Chinese Arborvitae. Pkt. 10c, oz. 40c, lb. $4.00.

TORREYA CALIFORNICA. "California Nutmeg." 75 feet. A beautiful evergreen tree, some of the branches resembling the English Yew in appearance. Forms large, compact head; leaves 1 to 3 inches long, dark, shining green. Pkt. 10c, oz. 60c, lb. $5.00.

TRISTHANIA CONIFERA. "Spanish Broom." 30 feet. A deciduous shrub, with large, handsome foliage and white flowers. It forms a dense compact head and is very ornamental for single specimen trees, and also for street planting. Pkt. 25c.

ULEX EUROPAEUS. "Gorse" or "Furze." 4 feet. A low growing, prickly shrub, with yellow, pea-shaped flowers. Pretty for hedging; also makes a good hedge. Pkt. 10c, oz. 40c.

UMBELLULARIA CALIFORNICA. (Oreodaphne californica.) "California Laurel" or "Bay." 80 feet. Found growing in the coastal ranges and on the clifftops of our coastal counties, where it forms a large shrub or small tree. Farther north, however, it reaches a height of 50 feet or more. Cultivated in our coastal valleys, it grows rapidly and forms a well shaped, compact tree suitable for lawns or for avenues. Handsome, shining dark green foliage. Oz. 15c, lb. $1.50.

UMBRELLA TREE. See Melia.

VIBURNUM TINUS. "Laureustinus." 12 feet. A well known shrub with showy umbels of white flowers, blooming profusely in the winter. Makes a splendid hedge. Pkt. 10c, oz. 40c, lb. $4.00.

WIGANDIA MACROPHYLLA. (W. caracasana.) A shrub attaining a height of from 15 to 20 feet, remarkable for its leaves of immense size and large trusses of violet-blue flowers. Pkt. 15c.

WISTARIA CHINENSIS. "Chinese Wistaria." A splendid, rapid growing, deciduous climber, producing long pendulous clusters of pale blue, pea-shaped flowers. Pkt. 15, oz. 50c.

We specialize in tree and shrub seeds and have available a complete stock of the foregoing, together with many rare and meritorious species. Growers of ornamental stocks will find these seeds of uniform high vitality and true to name, however, Theodore Payne gives no warranty, expresses or implied, as to the purity, description, quality, productiveness or any other matter of any seeds, bulbs, plants or trees he sells and will not be in any way responsible for the crop.
Theodore Payne and men gathering eucalyptus seeds
PHOTOGRAPH BY T. F. LEUKENS

Headquarters for
EUCALYPTUS SEEDS

I am headquarters for eucalyptus seeds, having the most extensive trade in this line of any firm in the United States, and supplying the largest planters here as well as exporting to many foreign countries. To this department of my business I have devoted much study and personal attention. My seeds are carefully collected by my own men, under my personal supervision, from selected specimen trees, and are both true to name and of the very best stock obtainable. So extensive has become my trade in this line that a trifle under 1800 pounds was the total amount of seed thus collected in one season. For a few species of which the seed cannot yet be obtained in California I am in direct communication with the most reliable authorities in Australia who collect the seeds for me in their native habitats.

REQUIREMENTS. The requirements for propagating the seedlings are:

A lath house or lath or cloth covered frames to shade the seed beds during the day. When growing on a large scale it will pay in every case to build a lath house. Shallow boxes; or flats; a good light soil and water convenient for sprinkling.

FLATS OR BOXES. These should be 3 inches deep and any size desired, though the size most convenient and generally used is about 20 inches square and will hold 100 plants. Some are using 18 inches square, the latter being mostly made of shakes sawed in half, using inch pieces for ends and split shakes for the sides. This makes a box 16x12x3 inches inside measurement and does very well.

SOIL. This should be a good light, sandy loam passed through a screen so as to take out any lumps or stones. If good leaf mould is procurable a small quantity of this may be mixed with the soil, as it helps to retain the moisture.

SEED. Procure the best seed possible from the most reliable source; it does not pay to use cheap seed, for by getting seed not true to name the loss cannot be calculated.

QUANTITY OF SEED. The quantity of seed to produce a given number of trees varies according to the species; as a fair average, however, 1 lb. should produce 20,000 seedlings, though as high as 30,000 has been known.

TIME OF SOWING. This varies somewhat according to the locality and the species to be sown. The usual time, however, is in June, or early July, and seedlings from these sowings will be ready to set out in the field by the following February; later sowings are also made in August and early part of September, and these seedlings will be ready to plant out in April.

SOWING THE SEED. There are two methods of sowing the seed, viz.: In seed beds and seed boxes. For raising limited quantities the latter method is preferable. Fill the boxes carefully with the prepared soil, smooth off the surface and press down lightly with a board, tamping it slightly in the corners. On this smooth surface, sow the seed broadcast, using about ¼ oz. of seed to a box, then cover the seed with the same kind of soil. This should be sifted over the surface through a fine-meshed sieve and not be more than ¼ of an inch deep. The boxes should then be placed in the lath house or in some place where they can be covered with lath or cloth covered frames. The soil must be kept moist at all times, the watering should be done with a pot or a loose hose-nozzle so fine as to produce nothing but a spray.

As soon as the young seedlings show through the surface great care must be exercised in watering or the seedlings will "damp off." Always water in the morning and never at night. When raising the seedlings in commercial quantities, sowing in beds is often practiced. The soil for these should be prepared in the same way as already mentioned, the surface smoothed out evenly and the seed sown and covered as already mentioned. After this cover the beds with burlap stretched over a wooden frame work. This may be laid right on the ground and kept moist. As soon as the seedlings break through the crust of the ground this should be raised a little at first and gradually up until it is a foot above the ground. As the seedlings grow and get stronger this covering may be gradually removed so that they will harden to the full sun.
TRANSPLANTING. When the seedlings are 2 to 3 inches high they are ready for transplanting, but they must first be hardened off by exposing them to the sun. Also they are of the same kind as already mentioned, 100 to a box. In perfect rows or checks, using the same kind of soil as that in which the trees are grown. The box is divided into lines by lines into ten divisions each way and plant where lines cross, 100 to a box. This may be done by marking the soil or using the rule. The soil will be set on a small straight edge that will drop inside of box or any other contrivance that will check off the soil in each cell. The box used by commercial growers is to have a board just the size that inside of box is. The box in which these are placed 100 screws, set at the right distance apart for the trees; the heads of the screws are left protruding to hold the plants in place while deferring transplanting. This board is laid on the smooth surface of the soil and hammered slightly with a wooden mallet, the mallets used at this time, should be thick. In planting, make a hole for each seedling with a sharpened stick about the size of a lead pencil, firming the soil after putting in the plant. Sprinkle a thin layer of sand over the surface of the soil; this helps to retain the moisture and will keep the surface from baking. Before the young seedlings are taken from the seed box or bed they should be watered, under which is needed after transplanting. When growing the plants for sale it is advisable to grade seedlings into sizes at the time of transplanting, so that when the plants are ready for sale they will be of an even size in one box and the larger size in others. Some can be sold first and the smaller ones later in the season. As soon as the seedlings are transplanted they must be kindly and set in complete shade for a few days until they thoroughly recuperate; after that they should be gradually hardened off to the sun and cared for until they are ready to set out in the field.

PLANTING OUT IN THE FIELD. The land should be plowed as deeply as possible and well harrowed. The time to plant varies according to the climatic conditions. In localities where there is little or no frost, planting may be done in the winter time, thus getting the benefit of the rains, but in sections where frost prevails, it should be deferred until spring. The size at which the plants are best to set out is from 6 to 10 inches. The boxes may be taken to the field and laid at convenient places. The size of the box should be taken off and each plant cut out with a square of earth and then planted with a trowel, taking care not to break the ball of earth, and the plants should be set about one inch deeper than they were in the box. A quart or so of water should be given to each tree as soon as it is set and afterwards hoe a little dry soil to up around each plant. The distance at which to set the young according to the size of the tree, the soil and the purpose for which they are grown. On heavy soil it is not possible for them to make any growth, if they may be planted 6x6 feet apart, where irrigating and cultivating is practiced 4x8 feet is a suitable distance and leaves a 6-foot space for plowing and irrigating. On lighter soils 8x8 feet is a good distance. Some are planting 7x6 feet on the alternate or triangle system, placing the trees 8 feet apart in the rows and 7 feet between the rows, which makes the 8-foot space on every side, one cannot use this system for this tree that they do not throw so much shadow and get a more even amount of sunlight, causing the trees to make a straighter and more even growth when young.

CARE OF THE YOUNG TREES. As the value of the grove depends largely upon the trees making a good start, it will be necessary to fence and cultivate the trees for at least the first two seasons.

THINNING THE TREES. To produce good lumber it is necessary that the trees grow straight. Close planting induces a straight growth. It is therefore best to do this toward the end of the first growing season, but for the most uniform growth, the time considered the most profitable tree to plant. But in sections where E. globulus, "Blue Gum," thrives will there be quicker returns by planting this species than any other. For the hot interior sections E. tereticornis and E. rostrata are recognized as the leading commercial kinds, while E. viminalis might be grown very profitably under the same conditions. In localities not subject to frost E. corynocalyx can be planted. For those who have the right conditions and men accord to wait longer for returns E. reniformis will probably prove one of the most profitable on account of its very valuable wood, which is used for furniture and interior finishing and is required very largely by railway companies for the inside of cars under the trade name of Australian Mahogany.

SPECIES FOR FENCE POSTS. This is an important item on large ranches. By setting aside a small portion of land a great quantity of fence posts could be produced in a few years. The best species for this purpose are E. tereticornis, E. robusta, E. rostrata and E. corynocalyx.

SPECIES FOR WIND-BREAKS. This is also of great importance in many parts of the country where heavy winds prevail. Probably the best species for this purpose is E. globulus, E. botryoides, E. robusta, E. cornuta, E. diversicolor and E. polyantha, and for irrigated sections on the desert, E. ruddi.

Eucalyptus seed vessels, spread out on canvas to dry

PHOTOGRAPH BY T. F. LUKENS

EUCALYPTUS AMYGDALINA. "Peppermint Gum." An exceedingly tall growing tree; in fact, to this species belong probably the tallest trees in the world. Baron Von Mueller having recorded trees over 190 feet high and with diameters of 18 to 35 feet. The tree is very variable in growth, however, the great heights mentioned could only be reached under less favorable conditions and is of a much smaller tree, and in some cases is comparatively dwarf. The timber is useful for shingles, flooring, etc., but does not usually last well under ground. One of the most valuable for oil, producing more volatile oil than any other species yet tested. Recommended for planting in swampy places as a preventive for yellow fever, etc. Pkt. 15c, oz. 75c, lb. $7.50.

E. AMYGDALINA, VAR. ANGUSTIFOLIA. See E. linea-

ris.

E. A. PLIFOLIA. Much resembling E. tereticornis, but having large, almost round roots. It is a weed in the young state; generally known in California as the "Canker" or the "Brown". The following is a correspondence I received from Professor J. H. Maiden in regard to this tree he states that it is known botanically under the name of E. angustifolia as described by Naudin. Professor Maiden states, however, that it is possible that this tree should properly be treated as a variety of E. tereticornis, but he is not prepared to say further until he deals with E. tereticornis and its varieties in his "Critical Revision of the Genus Eucalyptus and Forest Flora of New South Wales." The wood is similar to that of E. tereticornis, and this tree has been planted quite extensively in California for commercial purposes. It forms a handsome tree, and is valuable for ornamental purposes. Pkt. 15c, oz. $1.00, lb. $10.00.
E. BOISISTOA. “Bairnsdale Grey Box.” A tree of medium size, most suited to the coast sections, but has not yet been thoroughly tested in California. Mr. J. Blackburne, Forest Inspector of Maryborough, Victoria, Australia, speaks of this tree as follows: “It produces a clean, sound wood, much esteemed for the construction of wharves, jetties and bridges. It grows to large dimensions. Trees are to be found in South Victoria containing 50,000 feet super of timber. It furnishes also good railway sleepers and street paving blocks. This Eucalyptus grows naturally near the coast and is never found far inland.” Pkt. 15c, oz. $1.15.

E. BOYTHOIDEA. “Bastard Mahogany, or Bangalay.” Grows to a fairly large size, reaching 75 to 150 feet, when fully grown. Of stately appearance with large, leathery green foliage; succeeds well near the coast and is of very rapid growth; one of the best for shade purposes and wind-breaks. The wood is very durable, adapted for wagon building, knees of boats, etc. Pkt. 15c, oz. 75c, lb. $7.50.

E. CALOPHYLLA. A moderate sized tree, thriving in warm, moist situations near the coast, but not enduring much cold. It is one of the most ornamental of the genus, has very large, glossy leaves and large clusters of white flowers which are valuable for bees. The wood is useful for rafters, spokes, fence rails, boats, etc., and has furnished one of the best of the very best for planting as a street tree. Pkt. 15c, oz. $1.00.

E. CARPINIFOLIA. “Mountain Stringy-bark.” A large tree with rough, stringy bark, and thick, leathery leaves. It is best adapted to cool, moist land near the coast, but furnishes a valuable lumber, but in California it has only been grown as an ornamental species. Pkt. 15c, oz. $1.00.

E. CORYNOCALYX. “Sugar Gum.” 125 feet. This tree succeeds in a great variety of climates; thrives near the coast and does equally well in the interior and in the hot valleys of Arizona, but will not stand much frost. It is considered the most drought-resistant of all our native trees, producing good timber on dry hillsides. The wood is one of the strongest and is very durable, useful for railway ties and 15c, oz. $1.15.

E. CREBRIA. “Narrow-leaved Ironbark.” 100 feet. It succeeds under a great variety of climatic conditions, withstands great extremes of heat and cold. The wood is hard and toughest of color; very durable under ground and used for railroad ties, poles, piles, etc. Pkt. 15c, oz. $2.00.

E. DIVERSICOLOR. “Kari Gum.” One of the most magnificent of all trees, specimens having been recorded in Australia nearly 400 feet high. It grows quickly and forms a huge tree, the trunk 20 to 50 feet in diameter. In fairly moist situations near the coast and will thrive on all alkali land and is most handsome for avenue planting. The wood is very strong and used for masts of ships, wagon building, etc. Pkt. 15c, oz. $1.00.

E. FICIFOLIA. “Scarlet-flowering Gum.” 30 feet. A very ornamental species with large, leathery leaves and immense clusters of large, bright crimson flowers. 25 seeds 25c, 100 seeds 85c.

E. GLOBULUS. “Blue Gum.” The best known species and one of the most important of the genus, also the fastest growing of all. It has been estimated that the best trees are 200 to 300 feet. In California trees 30 years old have attained the height of 30 to 40 feet, and are still growing to plant. The wood is durable above ground; large quantities of it have been sawed at San Jose, Cal., for obelisks, poles, reaches and singletrees of window, floor, insulating pins and anything requiring strength. It takes a fine polish and is valuable for furniture and interior finishing. Pkt. 15c, oz. 75c, lb. $7.50.

E. GOMPHOCEREA. “Toona.” A medium sized tree, attaining a height of 100 feet. It succeeds well in California, near the coast, but has not been thoroughly tested in the interior. The wood is one of the strongest in the world, esteemed for shipbuilding and bridges. Pkt. 15c, oz. $1.00.

E. GONIOCALYX. “New South Wales Blue Gum.” A large tree, reaching a height in Australia in favored situations of 300 feet. It succeeds well in California in the coast regions. The timber is hard and tough, used for wheelwrights’ work and shipbuilding. Pkt. 15c, oz. $1.00.

E. GUNNI. “Tasmanian Cider Tree.” This is one of the hardiest of the genus. In its native habitats it grows in low lands where it forms a fair sized tree and sometimes reaches 100 feet in height. It also ascends the mountains to an elevation of 6000 feet, but here becomes a large shrub. It is extremely hardy, growing where there is snow for several months in the year. Should prove one of the best for planting in the foreground for a hardy cover. The wood is used for various artisans’ work. Pkt. 15c, oz. $1.00, lb. $10.00.

E. GUMPHILIA. “Common Box.” 100 to 150 feet. It thrives in California near the coast and also in the hot interior valleys, standing extremes of heat and cold. One of the best for shade purposes. The timber is strong, close grained and used for wheelwrights’ work, piles, railway ties, posts, etc. Pkt. 15c, oz. 75c, lb. $7.50.

E. LEUCOXYXON. “Victorian Ironbark.” 100 feet. The trees are apt to grow crooked, but by giving them some attention when young they may be made to grow straight. This species will grow in a greater variety of climates than most eucalyptus, thriving near the coast and inland, and is one of the best of the interior and will endure minimum temperatures of 16 degrees F. It is used for forestry purposes. The wood is hard and durable, excelling hickory in strength; used for railroad ties, mining, wagon building, shipbuilding, etc. Pkt. 15c, oz. $1.00, lb. $10.00.

E. LEUCOXYXON, VAR. ROSEA. A variety of the preceding, having beautiful pink flowers, and of great value as an ornamental tree, especially in localities where E. ficifolia will not thrive. Pkt. 15c, oz. $1.00.

E. LINEARIS. An ornamental species of somewhat weeping habit, with small, very narrow leaves. It has been known in California, though wrongly, under the name of E. amabilis, but E. amabilis will not thrive. Pkt. 15c, oz. $1.00.

E. LONGIFOLIA. “Wood Eucalypt.” A moderate sized tree, but in Australia under favorable conditions it sometimes reaches a height of 200 feet. In California it thrives best near the coast. The timber is useful for posts, ties, street paving, etc. Pkt. 15c, oz. 75c.
E. MACULATA. "Spotted Gum." Attains a height of 15 feet in heat and cold. The wood is used for shipbuilding, wheelwright's and coopers' work. It is closely allied to E. citriodora and succ- cedens, but differs in odour and bringing up the wood. Plants, Pkt. 15c, oz. $1.00.

E. MELLIDORA. "Yellow Box." A fair sized tree, reaching a height of 120 to 150 feet. In California it grows to the right sides of interior valleys and in warm, dry, interior valleys. The wood is hard and durable, used for wheelwright's work, shipbuilding, and as the best fuel. The young trees have been used for telegraph poles. On account of its broad leaves, it is extensively used for the best of a source of honey for bees. Pkt. 15c, oz. $1.25.

E. PECTORALIS. "Yellow Stringy bark." A tree of medium size, best suited to the coast region, but it has not been thoroughly tested in California. The wood is very valuable, lb. 10 lb. 1 oz. 15c.

E. ROCAS. "Broder Leaved Iron Bark." 100 feet. This tree thrives in California. In the coast regions, but it grows near the irrigated sections on the desert. The wood is very strong and durable, useful, for railway ties, piles, street paving, fence posts, etc. It takes a fine polish and is used for cabinet work. Pkt. 15c, oz. $1.00.

E. RUDIS. 75 to 100 feet. One of the best for street planting. It stands extremes of heat and cold; thrives near the coast, and on irrigated sections of the desert. The wood is very strong and durable, valuable, for wagon building, railway ties, etc. Pkt. 15c, oz. $1.00.

E. SIDEROPHOLIA. "Broad-leaved Iron Bark." 100 feet. This tree thrives in California. In the coast regions, but it does not grow in the deserts. The wood is very strong and durable, valuable for railway ties, telegraph poles and railway work, etc. Pkt. 15c, oz. $1.00.

E. SIDERINOXYLON. "Red Iron Bark." A medium sized tree. In California it succeeds on dry soils near the coast and on hillsides further inland and will endure minimum temperatures of 16 degrees to 20 degrees F. The wood is of a dark red color, hard and durable, used for railway ties, timber stock, etc. Pkt. 15c, oz. $1.00.

E. TEERTICORNS. "Forest Red Gum." 150 feet. One of the very best for commercial use, closely allied to E. rostrata. It thrives in California. For general timber purposes I believe this is the best of the whole genus, taking all conditions and uses into consideration. It is hard and durable, and thrives in sections near the coast, further inland in the hot interior valleys and in irrigated sections of the desert. Under the latter conditions it makes a remarkably rapid growth. This tree has been planted on a very large scale in California and also in other parts of the world and many of the very favorable reports of it from Arizona, Texas, Florida and also from cities and other towns in Europe. The wood is reddish color, heavy, strong and durable, valuable for railway ties, telegraph poles and for furniture and large interior work. Pkt. 15c, oz. $1.00.

E. VIMINALIS. "Manna Gum." In Australia this tree has attained to a height of 100 feet with a diameter of 15 feet. It is an exceedingly handsome tree with long pendulous branches, and one of the most picturesque for a garden plantation. It thrives under a great variety of conditions, growing in the coastal regions and in the hot interior deserts of California and Arizona. It stands considerable heat and cold and will thrive at a higher altitude than most of the other species. Its flowers and blossoms are exceedingly fragrant and of remark- able beauty. Pkt. 15c, oz. $1.00, lb. 1 lb. 10 oz. $5.00.

E. ROSTRATA. "Red Gum." In Australia it is said to attain a height of 100 feet under favorable conditions, and in the hot interior valleys, standing extremes of heat and cold. The wood is very valuable, and is used for shipbuilding, wheelwright's and coopers' wood. It is closely allied to E. citriodora and succedens, but differs in odour and bringing up the wood. Plants, Pkt. 15c, oz. 60c, lb. $8.00.

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PALM SEEDS

The seeds of all the species offered here, except the Cocos, can be germinated without artificial heat. Sow the seeds thickly in shallow boxes of light soil mixed with about the same quantity of leaf-mold. When a few inches high pot up into small pots. Some species are very slow to germinate, while others will come up in 6 or 6 weeks. Washingtonia filifera and W. robusta, Phoenix canariensis and P. reclinata can be sown in the open ground in spring after the weather has become warm and will germinate easily.

CHAMAEROPH EXCELSA. (Trachycarpus excelsus.) "Wind-mill Palm." China, Japan and India. 20 feet. One of the hardiest palms known, standing heavy winds without injury to the leaves and also several degrees of frost. The leaves are fan-shaped, finely and deeply cut. One of the best palms for street planting. Oz. 15c, lb. $1.50.

C. HUMILIS. The Mediterranean region. 20 feet. A dwarf growing hardy species, with fan-shaped leaves, especially desirable for lawns, also for growing in tubs for porch plants. Oz. 20c, lb. $2.00.

C. HUMILIS ARGENTE. Similar to the last, but with more silvery foliage. 10 seeds 15c, 100 seeds $1.00.

COCOS. A large genus of very beautiful pinnate-leaved palms from tropical and semi-tropical South America. Many of the species are quite hardy in California and are especially desirable for planting in lawns. The seeds may be sown in boxes or seed pans as mentioned for other palms, but require bottom heat to germinate the seed.

C. AUSTRALIS. "Pindo Palm." 15 feet. A rather slow growing but very ornamental palm with glaucous green recurved leaves. One of the hardiest of the genus and the one best known in California. 10 seeds 15c, 100 seeds $1.50.

C. ALPHONSEI. Of stocky habit and rather quick growth for this group of palms. The leaves are blue-green, beautifully arched. The seeds are covered with edible pulp of rich apricot flavor. One of the hardiest of all palms, having stood in Northern Florida during the freeze of 1925 a temperature of 5 degrees Fahr., unharmed. 10 seeds 20c, 100 seeds $1.50.

C. BONNETTI. A very graceful palm. Leaves gray-green in color when in full sunshine, but when grown in houses, of a darker green. One of the best for house culture and also quite hardy out of doors in California. 10 seeds 20c, 100 seeds $1.50.

C. BRYOPHORA. A very handsome palm similar to C. plumosa, but of more rapid growth and having a more slender trunk; considered by many the best of the tall growing class. 10 seeds, 20c; 100 seeds, $1.50.

C. CAMPESTRIS. 10 to 15 feet. Leaves spreading and recurved, but slightly rigid. 10 seeds 20c, 100 seeds $1.50.

C. DATIL. Similar to C. plumosa, but much hardier, thriving in sections where the latter will not survive. 10 seeds, 20c; 100 seeds, $1.50.

C. ERIOSPATHA. 10 to 15 feet. Leaves blue-green in color. The seeds are covered with edible pulp of a rich flavor. One of the best of the hardy Cocos. 10 seeds 20c, 100 seeds $1.50.

C. PLUMOSA. Brazil. 50 feet. One of the best for street planting and largely planted in Santa Barbara. It is a rapid growing palm with slender trunk, crowned with graceful pinnate leaves. 10 seeds 20c, 100 seeds $1.50.

C. YATAI. 12 to 15 feet. Leaves recurved, spreading 6 to 9 feet long similar to C. australis in general appearance. 10 seeds 20c, 100 seeds $1.50.

ERYTHICA ARMATA. "Blue Palm." Lower California. 40 feet. A rather slow growing Fan Palm. Leaves of a fine glaucous blue. Very hardy and a pretty palm for lawns. 10 seeds 20c, 100 seeds $1.50.
DECORATIVE PLANT SEEDS

Sow the seed in pots or boxes of light, well-drained soil; when the plants are large enough to handle, pot up into small pots and afterwards transfer to larger pots or plant out in the open ground, as desired.

**Asparagus Plumosus.** "Asparagus Fern." A favorite climbing vine, suitable for shady locations. Also grown as a pot plant. Soak the seed in warm water 12 hours before sowing. Pkt. 10c, 100 seeds 50c.

**A. Sprengeri.** A favorite plant for hanging baskets. Treat the seed the same as the preceding variety. Pkt. 10c, 100 seeds 50c.

**Dracaena Australis.** (Cordyline australis.) New Zealand. 20 feet. A popular plant for pot culture, also for lawns and street planting. Forms a stout branched stem with broad leaves 2 to 3 feet long. Pkt. 15c, oz. 60c.

**D. Draco.** "Dragon Tree." Canary Islands. 50 feet. Forms a stout stem crowned with numerous sword-shaped leaves. 10 seeds 10c, 100 seeds 75c.

**D. Indivisa.** (Cordyline Indivisa.) New Zealand. 30 feet. Grows much more rapidly than either of the preceding, with long narrow leaves and slender stems. Pkt. 15c, oz. 60c.

**Doryanthes Palmaris.** A valuable decorative plant from Australia. The plants throw up numerous leaves 5 to 7 feet long, and flower stems 8 to 10 feet high, each bearing a large thrysus of deep scarlet flowers. It takes the plants several years to reach the blooming stage, but the young plants are very valuable for decorative pot plants. 25 seeds 25c, 100 seeds 75c.

**Musa Ensete.** "Abyssinian Banana." A splendid decorative species forming a single stout trunk and immense broad leaves 10 to 15 feet long. 10 seeds 25c, 100 seeds 75c.

**Phormium Tenax.** "New Zealand Flax." 6 feet. A fine plant for sub-tropical beds. Large, erect-growing, dark green leaves. Pkt. 15c, oz. 75c.

**Strelitzia Nicolai.** South Africa. 15 to 20 feet. A rare species with large flowers of grotesque form, white and blue. Forms a heavy stem and large, broad leaves. Soak the seed in hot water for 24 hours before sowing. It is better to use bottom heat in germinating this seed, though it has been grown fairly well without. 10 seeds 25c, 100 seeds 75c.

**Yucca Whipplei.** "Spanish Bayonet." California. A magnificent plant with narrow glaucous green leaves. Flower stems 8 to 15 feet high with often two, three and even six thousand waxy, pendulous blossoms. Pkt. 10c, oz. 50c.

**Yucca Brevifolia.** "Joshua Tree." California, Nevada and Utah. 20 to 30 feet. A peculiar plant with stout trunk and open crown of arm-like branches. Leaves bluish green 1½ inches wide at the base tapering toward the apex, the edge furnished with minute teeth; flowers greenish white. Growing in scattered groves on the desert these strange plants impart a singularly weird appearance to the landscape. Pkt., 15c; oz. $1.00.
Nursery Department

READ CAREFULLY BEFORE ORDERING

All prices quoted on Roses, Flowering Plants, Small Fruits, Grape Vines and Hedge or Border Plants do not include postage or express. If requested sent via parcel post, add packing charge of 15% of the total amount of the order and also add postage as follows:

- Within 150 miles of Los Angeles add 5c to every dollar of your purchase
- Within 600 miles of Los Angeles add 10c to every dollar of your purchase
- Within 1800 miles of Los Angeles add 20c to every dollar of your purchase

If requested sent by express, add packing charge only. We advise express shipments on bare root stock whenever possible. We do not ship plant orders of less than one dollar.

Theodore Payne gives no warranty, express or implied, as to the purity, description, quality, productiveness or any other matter of any seeds, bulbs, plants or trees he sells and will not be in any way responsible for the crop.

New and Rare Bush Roses

Strong Field-grown roses in dormant state supplied from January to April 1st. Prices are not Postpaid

CONSTANCE. Pernetiana. Shapely orange yellow buds streaked with crimson, opening to various shades of yellow. Quite distinct; free bloomer. Each, $1.00.

EDWARD MAWLEY. Hybrid Tea. This wonderful rose named after the well-known English Rosarian, is a splendid addition to the family of roses. It is a rich velvety crimson color, a true hybrid tea. Its size, form, color, freedom of blooming and habit of growth are all that could be desired. Each, 75c.

GOLDEN EMBLEM. Hybrid Tea. One of the best of the new roses. Long pointed buds, golden yellow beautifully shaded with crimson on the outer petals, opening to a clear golden yellow flower. Free and constant bloomer, vigorous grower with rich, deep, glossy green foliage. Each, $1.50.

HADLEY. Hybrid Tea. Deep velvety crimson; flowers carried on long stiff stems. The best of the deep red hybrid tea roses. Each, 75c.

HOOSIER BEAUTY. Hybrid Tea. Glowing crimson sport with darker shadings, velvety texture and very fragrant; long pointed buds on stiff stems. Of robust growth, a continuous bloomer. Each, 75c.

JULIET. Hybrid Tea. A remarkably beautiful rose, inside of petals rich red, outside old gold. Extremely fragrant, free and constant bloomer. Each, 75c.

LOS ANGELES. Hybrid Tea. A glorious rose of Southern California origin. In color it is distinct from any other rose known, being a deep rich pink shaded with golden yellow. It produces perfect buds and is a strong, vigorous grower. Each, 75c.

LOUISE CATHERINE BRESLAU. Pernetiana. Beautiful coral red shaded chrome yellow changing to shrimp pink and coppery orange as the blossoms open. Quite distinct; of good habit. Each, 75c.

MADAME BUTTERFLY. Hybrid Tea. A sport from Opalita which it resembles in general character. Large perfect buds on long stems, brilliant pink shaded apricot and gold. A strong grower and profuse bloomer. Each, $1.00.

MADAME EDOUARD HERRIOTT. Coral red shaded with yellow at the base, passing to shrimp red. One of the greatest rose novelties ever introduced. Winner of the Gold Cup offered by the Daily Mail and the Gold Medal of the National Rose Society of England. Each, $1.00.


MISS LOLITA ARMOUR. Per. Deep coral red with golden coppery suffusion, a wonderful combination of colors. Flowers very double and cup-shaped. Plants of vigorous growth and a free and constant bloomer. Each, $1.00.

MRS. S. K. RINDGE. Pernetiana. Clear yellow, suffused with soft pink as the flower opens. Long pointed buds, the outer petals often stained with red. A very strong grower with large leathery foliage. Succeeds under all conditions and flowers freely. Each, $1.00.

SOUVENIR DE CLAUDIUS PERNET. Conceded to be the finest of all yellow roses. Vigorous grower, handsome bright green foliage with few thorns. Brilliant site buds on long straight stems. Each $1.50.

SUNBURST. Hybrid Tea. A grand new rose, very large and perfectly formed flowers and long, pointed buds, yellow shaded with orange, the outer petals of a lighter shade. Of vigorous growth, sending up stout stems heavily clothed with handsome foliage. One of the very best roses of late introduction. Each, 75c.

WM. F. DREER. A beautiful combination of pink, orange and golden yellow. Long pointed buds, opening into full shapely blooms. Almost a continuous bloomer. Each $1.00.
BUSH ROSES

FRAU KARL DRUSCHKI. Hybrid Perpetual. Pure snow white, large perfect flowers on long stems; free flowering; rich, handsome foliage. Each, 60c.

GEORGE DICKSON. Color velvety, dark crimson; of splendid shape and good substance. Each, 60c.

GENERAL McARTHUR. Hybrid Tea. Dazzling crimson scarlet. Buds are of good shape and produced on long clear scarlet glossy growth. Each, 60c.

GLOIRE DES ROSEMANES. (Ragged Robin.) Bengal. One of the most popular roses grown, largely used for hedging and for planting along driveways or roadsides. Large semi-double flowers, growing in clusters. Color, brilliant crimson. Very free-flowing. Each, 60c.

GRUSS AN TEPLITZ. Hybrid Tea. Rich fiery scarlet shading to velvety crimson; blooms freely and succeeds well in a hot climate. Each, 60c.

IRISH ELEGANCE. Hybrid Tea. A beautiful single rose; apricot shading to bronze at base. Each 75c.

IRISH FIRE FLAME. Hybrid Tea. Beautiful single flowers; buds deep rich orange splashed with crimson, inside of flower old gold. Each, 75c.

KAISERIN AUGUSTA VICTORIA. Hybrid Tea. Pure white, large, of good form and a continuous bloomer. Each, 60c.

KILLARNEY. Hybrid Tea. The "Irish Rose." Brilliant carmine pink, marbled in creamy white. Extremely long buds on long, stiff stems; fine foliage; one of the very best varieties for cutting. Each, 75c.


LADY HILLINGDON. Tea. A splendid rose of recent introduction. Long, pointed buds. Color, clear, deep apricot yellow without any shading. It is of vigorous growth, with handsome, deep green foliage and blooms continuously throughout a long season. By many this is considered the best yellow rose yet introduced. Each, 75c.

MADAME CAROLINE TESTOUT. Hybrid Tea. Clear pink, large full flowers, very sweet, a strong grower and good bloomer. Each, 90c.

MADAME CECIL BRUNNER. Polyantha. "The Baby Rose." Color salmon-rose; the finest of the miniature roses. Each, 60c.

MAMAN COCHET. Tea. Deep rose pink, inner petals silvery rose, shaded and touched with yellow; fine buds; keeps well when cut; great favorite with florists. Each, 60c.

MRS. AARON WARD. Hybrid Tea. Deep orange yellow shading to creamy yellow at the ends of the petals. The buds are cupped and very deep, showing the glowing heart to the best advantage. Each, 75c.

OPHELIA. Salmon flesh shaded with rose and chamois at center; long pointed buds, fine bloomer. Each, 75c.

PAUL NEYRON. Hybrid Perpetual. Deep rose; the largest of all roses, strong, erect grower, large, handsome foliage. Each, 60c.

RADIANCE. Hybrid Tea. A lovely rose pink with opal shadings. Very sweet scented; a strong grower and free bloomer. Each, 60c.

ULICH BRENNER. Hybrid Perpetual. Brilliant cherry red, flowers large and produced on long stems. Each, 60c.

WHITE MAMAN COCHET. Tea. White, sometimes tinged with blush; fine for cutting. Each, 90c.

CLIMBING ROSES

CHEROKEE. Single. Pure white, large yellow stamens, a lovely contrast against rich, glossy foliage, a rapid grower; valuable covering for fences, etc. Blooms in spring. Each, 60c.

CLIMBING BELLE SIEBRECHT. Tea. One of the best climbing roses. Flowers large, full and double, rose pointed pink. Each, 60c.

CLIMBING CAROLINE TESTOUT. Hybrid Tea. Clear bright pink; large, well-formed flowers. Each, 60c.

CLIMBING KAISERIN. Hybrid Tea. Considered the best pure white climbing rose, continuous bloomer. Each 60c.

CLIMBING LIBERTY. Hybrid Tea. Brilliant, velvety crimson; large and of beautiful form. A free bloomer, lasting well when cut. Each, 75c.

CLIMBING MADAME CECIL BRUNNER. Polyantha. Rosy pink, salmon center, free bloomer. Each, 60c.

CLIMBING SUNBURST. Hybrid Tea. The climbing form of this beautiful yellow rose. Each $1.00.

CLIMBING WHITE COCHET. Tea. Identical with the well known White Maman Cochet bush rose, except that it is of climbing habit. Each, 75c.

CLIMBING WOOTON. Tea. Velvety crimson, vigorous grower, fine foliage, profuse bloomer. Each, 60c.

DUCHESS DE AVERSTAD. Tea. Pure sulphur yellow, perfectly formed buds and large globular flowers, very fragrant. Similar to the well known Marechal Niel but a stronger grower. Each, $1.00.

GOLD OF OPHIR OR BEAUTY OF GLAZENWOOD. Natural. Light yellow, large, white and yellow, profuse bloomer. The rapid grower, free from disease, blooming abundantly in spring. Each, 60c.

Paul's Scarlet Climber. Flowers of an intense vivid scarlet borne in clusters of from three to twenty blooms on a single cane. A very striking rose in any situation. Each 75c.

Pink Cherokee. A climbing rose of rare beauty and without doubt one of the finest varieties ever introduced. The beautiful single flowers are produced in great profusion, in color a most charming shade of light pink and delicately fragrant. The plants are of rampant growth with bright, shining green foliage, and present a magnificent sight when in full bloom. Each, 60c.

Ramona, or Red Cherokee. Similar to the preceding, but with deep red flowers. Each, 60c.

Reve d'Or. Tea. Apricot-yellow with orange and fawn tints, free bloomer, hardy and rapid grower. Each, 60c.
DAHLIAS

All prices on Dahlias and summer flowering bulbs are not postpaid. Add postage only at the rates listed on page 48.

Decorative Dahlias

CAROLYN WINTGEN. Salmon pink, shaded rose. Each, 75c.

HALLOWEEN. Buff, shaded orange. Perfect stem. Each, 75c.

KING OF THE AUTUMN. Blending of buff and terra cotta. Each, 50c.

MARY C. BURNS. Old gold with dull red reverse. A lovely flower. Each, $1.00.

MILLIONAIRE. Wonderful deep bloom. Lavender shaded pink. Each, 75c.

MRS. CARL SALSBACH. Mauve. A great decorative variety. Each, 75c.

OLD GLORY. Large flower. Deep maroon, tipped white. Each, $1.00.

PRIDE OF SAN FRANCISCO. Flowers of exquisite rose color, tinted salmon. One of the best for cutting. Each, $3.00.


Cactus Dahlias

BALLET GIRL. Flowers vary from pure orange to many combinations of orange and white on the same bush. Very attractive. Each, $1.50.

CIGARETTE. Creamy white, edged orange. Immense flower on stiff stems. Each, $2.00.

DADDY BUTLER. (Hybrid) Pink shaded to cream center. Petals twisted. Each, $2.50.


LA FAVORITA. A wonderful cactus dahlia. Perfect in form; color, reddish salmon. Each, 75c.


TOM LUNDY. (Hybrid) Brilliant velvety red. One of the largest hybrids grown. Each, 75c.

Peony Flowered Dahlias


MADAM YARD. Currant red shaded to yellow center. Each, 75c.

PERRY WIDENER. Large flowers of striking cherry red on strong stems. Each, $1.00.

VIRGINIA HARSH. One of the largest of the Peony flowered dahlias. Color an exquisite shade of pink. Each, $5.00.


Pompon Dahlias

BELLE OF SPRINGFIELD. Small flower, brick red. Each, 35c.

DEAREST. Large flower, bright rose. One of the best. Each, $1.00.

GLOW. Old rose. A very fine flower. Each, 50c.

LITTLE BEE'S WING. Yellow tipped crimson. Each, 50c.

SNOWCLAD. Pure white, yellow center. Each, 35c.

SUMMER FLOWERING BULBS

(Prices are Not Postpaid)

AGAPANTHUS UMBELLATUS. Blue African Lily. Flower stalks 2 to 3 feet high crowned with large umbels of from 30 to 90 sky blue, lily-like flowers. Long glossy evergreen leaves. Each, 25c; per doz., $2.50.

AMARYLLIS BELLADONNA MAJOR. "Belladonna Lily." Large rose pink flowers. Blooms in July and August. Each, 25c; per doz., $2.50.

AMARYLLIS BELLADONNA MINOR. Flowers more erect than the preceding. Rose pink with white throat. Blooms in September and October. Each, 35c; per doz., $3.50.

AMARYLLIS JOHNSONI. Flowers very large, red, striped with white in center of petals. Each, 25c.

AMARYLLIS VITTATA HYBRIDS. A great variety of shades, mostly white grounds marked with pink, scarlet, crimson or maroon; very large flowers, extra fine. Each, 50c.

CALADIUM ESCULENTUM. "Elephants' Ears." Large, handsome leaves, often 3 feet long by 3 feet wide, very effective on a lawn; requires plenty of water. Each, 25c; per doz., $2.50.

CALLA, WHITE. (Richardia Aethiopica.) "Lily of the Nile" or "Calla Lily." Each, 20c; per doz., $2.00.

CALLA, YELLOW. (Richardia Elliottiana.) One of the finest introductions for many years. Flowers fully as large as the ordinary white variety, but deep, rich, golden yellow; foliage dark green faintly spotted with white. Each, 35c; per doz., $3.50.

Amaryllis Johnsoni

Cactus Dahlia

Peony Flowered Dahlia
AGATHAEA COELESTIS. "Blue Daisy." Perennial. Flowers sky blue with yellow centers. Useful for beds, borders, rock gardens, and window boxes. In 2 1/2 inch pots, each 10c; per doz., $1.00; per 100, $7.50.

AJUGA NUTANS. Deep blue violet-like flowers on stalks similar to small Hyacinths. Fine ground cover under trees. In 2 1/2 inch pots, each 10c; per doz., $1.00; per 100, $7.50.

ALYSSEUM SAXATILE. "Gold Dust." Perennial. Excellent for beds and edgings. Flat heads of bright yellow flowers. In 2 1/2 inch pots, each 10c; per doz., $1.00.

ANEMONE JAPONICA. "Japanese Wind-Flower." White. Each 50c; per doz., $2.50.

ASTER. Giant Crego and American Beauty. Separate colors or mixed. Per doz., 50c; per 100, $3.50.

ASTELEA. "Columbine." Long spurred hybrids. Each 25c; per doz., $1.50.

BELLADONNA. Perennial. Well known plants flowering in the fall and early winter. In 2 1/2 inch pots, each 20c; per doz., $2.00.

BELLIS PERENNIS. "Double Daisy," Mixed colors. Per doz., 50c; per 100, $1.50.

CARNATION. Well known favorite flowers much used for cutting purposes. In red, white, and pink. 2 1/2 inch pots, each 15c; per doz., $1.50.

CENTAUREA CANDIDISSIMA. "Dusty Miller." Silvery foliaged plant for beds and edgings. Each 10c, per doz., $1.00.

CHrysanthemum Japonicum. Perennial. Well known plants flowering in the fall and early winter. Yellow, pink, white and bronze. In 2 1/2 inch pots, each 20c; per doz., $2.00.

CINERARIA GRANDIFLORA. Large flowered type. Its brilliant colors make it easily the most popular of Cinerarias. 4 inch pots, each 35c; per doz., $3.50.

Dahlias. Very desirable for making a display in the garden. Forms strong pyramidal plants 2 to 3 feet high with hundreds of star shaped flowers. 4 inch pots, 50c; per doz., $3.50.

CONVOLVULUS MAURITANICUS. Perennial trailing plant. Valuable for rock work or hanging basket. Flowers a rich shade of lavender. 2 1/2 inch pots, 20c; per doz., $2.00.

Cuphea Hysopifolia. A half-hardy perennial. Fine for making permanent border. Flowers small and tubular. 2 inch pots, each 10c; per doz., $1.00; per 100, $7.50.

DAHLIA IMPERIALIS. "Mexican Tree Dahlia." An unusual and very effective large tree-like plant. In gal. cans, each 75c.

Delphinium Belladonna. A magnificent strain of Delphinium. Flowers are large and arranged rather loosely on the spike, extending out boldly from the main stem. Presents a most graceful appearance. Light blue and dark blue. Balled, each 50c; per doz., $3.50.

DIGITALIS. "Foxglove." An old-fashioned flower with long spikes of tubular flowers; shades of purple, lavender, rose and white. In 2½ inch pots, each, 15c; per doz., $1.50.

FRAGARIA INDICA. White blossoms. An excellent ground cover, requiring little care. In 2½-in. pots, each, 10c; per doz., $1.00; per 100, $7.50.

FUCHSIAS. We have a splendid assortment of the single and double varieties. Each, 50c.

GANZANIA SPLENDENS. Large, showy, broad-petaled flowers furnish a constant and brilliant display throughout the summer. In orange and lemon colors. In 2½ inch pots, per doz., 75c.

GERANIUMS, IVY LEAVED. All the popular kinds. Each, 25c; per doz., $2.00.

GERANIUMS, SINGLE AND DOUBLE VARIETIES. All the popular kinds. Each, 20c; per doz., $2.00.

GERBERA JAMESONI HYBRIDS. Beautiful hybrids of the Transvaal Daisy. Each, 50c; per doz., $5.00.

GEUM, LADY STRATHEDEN. New, double, deep rich yellow. In 3-inch pots. Each, 25c; doz., $2.50.

GEUM, MRS. BRADSHAW. Double, bright scarlet. In 3-inch pots. Each, 10c; per doz., $1.00.

GLAUCIUM LUTEUM. "Horner Poppy." Perennial. Silvery-gray foliage with bright yellow flowers. Grows in most any soil with little care. In 2½ inch pots, each, 10c; per doz., $1.00; per 100, $7.50.

HELIOTHROPE. Leading varieties. Each, 25c; doz., $2.50.

HEMEROCALLIS. "Day Lily." Hardy plants, blooming during summer. Large orange and yellow flowers. In gal cans. Each, 50c.

HERBS. We have a fine stock of English Lavender, French Lavender, Garden Sage, Mint, Spearmint, Rosemary, Sweet Marjoram, Thyme and Savory. In 2½-inch pots, each, 25c; per doz., $2.50.

HOLLYHOCKS. Perennial. A favorite old-fashioned flower blooming in the summer. In mixed colors. 2½ inch pots, each, 15c; per doz., $1.50.

LANTANA. Leading varieties. Each, 20c; doz., $2.00.

LIFFIA REPENS. Used for lawns and for covering banks requiring very little water. In flats, $1.50.

LOBELIA. Crystal Palace Compacta. Per doz., $0.50; per 100, $3.00.

MINNIE "TIGRINUS GRANDIFLORUS. "Monkey Flower." Height, ½ feet; flowers spotted and blotched. Mixed colors. In 2 inch pots, each, 15c; per doz., $1.50.

MYOSOTIS. "Forget-me-not." Perennial. Bright blue flowers. Does best in a shady, moist location. In 2-inch pots, each, 10c; per doz., $1.00.

PAMPAS GRASS. Strong plants in gal. cans. Each, 50c.

PANSY. Giant mixed. Per doz., 50c; per 100, $3.50.

PELARGONIUMS. We have a splendid assortment of varieties. Each, 35c; per doz., $2.50.

PENTSTEMON. Large flowered, mixed colors. Each 15c, per doz., $1.50.

PETUNIA. Double fringed, mixed colors. Single fringed, mixed colors. Each, 25c; per doz., $2.50.

PHLOX PERENNIAL. We can supply the following splendid varieties: Albion, pure white large trusses; Bridesmaid, pale flesh with deep rose center; Inspector Elpe, salmon-rose; Lothair, dwarf light crimson; Mrs. Jenkins, dwarf pure white; Mrs. Robinson, deep rose. Each, 25c; per doz., $2.50.

POINSETTIA. Strong plants in pots. Each, 50c.

PRIMULA MALACOIDES. One of the most free-flowering varieties of this favorite flower. Very hardy and one of the best winter flowering plants. Flowers last a long time in water. Strong divisions. Each, 25c; per doz., $2.50.

SAGINA SUBULATA. A very fine mossy plant ideally adapted to planting in rockeries or between tiles in walks. In flats, each, 25c.


SALVIA SPLENDENS. "Scarlet Sage." Valuable for beds and borders. Each 10c, per doz., $1.00.

GASTA DAIY. Alaska, large white. Each 10c, per doz., $1.00.

STOCKS. Nice Giant. Separate colors or mixed. Per doz., 50c; per 100, $3.00.

STATICE PEFREZI. Perennial. Small lavender blue flowers produced in pinnacles, which can be cut and dried and used for bouquets. Deep blue flowers. In gal. cans. Each, 50c.

THALICTRUM DIPTEROCARPUM. Beautiful foliage resembling maidenhair fern; tall graceful stems with small panicles of lilac blossoms. Very desirable for cutting. Each 25c; per doz., $3.50.

VALERIAN. Flower heads are large and of spicy fragrance. Excellent as a border plant and suitable for cutting. Red and pink. Each, 15c; per doz., $1.50.
California Native Trees and Shrubs

A home in California or a California home. There are many in the former classification but few in the latter. We build homes in California and go to the four corners of the globe for plants and trees to plant around them, with little or no thought of the selection that is right here at hand. California plants for California homes has an appeal that will be irresistible upon a better acquaintance with the plants themselves, all of which is being demonstrated by the steadily increasing demand. Where five years ago they were being propagated by the hundreds, we are now well into the thousands.

You will find many that are familiar to you in the following list. All are evergreen unless otherwise noted. Prices are f.o.b. Los Angeles.

**BERBERIS NEVINII**

*Berberis nevini*. Nevins' Barberry

A very rare species. The foliage is gray and very attractive. The blossoms which appear from Christmas until March are about the size of those of *Berberis*, carmine red, and produced in large clusters at the axils of the leaves forming long sprays often 2 to 4 feet in length. When in full bloom this shrub presents a magnificent sight. The flowers are followed in summer by long sprays of attractive red berries. This shrub will thrive in full sunlight or partial shade; will grow in any kind of soil, with or without much water, stands transplanting well. It is valuable either in rock gardens or as a hedge. In gallon cans, Each, 75c. Bailed, 2 to 3 feet. Each, $2.50.

*Acanthous manum*, California Buckeye.

Deciduous tree with broad rounded top. Leaves large, pinnate, divided in 5 to 7 leaflets. Flowers borne in large cylindrical clusters, white or sometimes deep purple. In gallon cans. Each, 75c. In 5-gal. cans, Each, $2.00.

*Acanthus menziesii*. Madrone.

A beautiful tree with smooth red bark, handsome foliage and white fragrant flowers. In gallon cans. Each, $1.00.

*Acanthus sievei*, Button Sage.

Small shrub especially valuable for dry places. Pretty silvery gray foliage and lilac blossoms, very beautiful when in bloom on the hillside. In pots, each 35c.

*A. polystachya*. White Sage.

Valuable for dry places. Very beautiful grey foliage and tall spikes of white flowers. In pots, each 35c.

*A.拯救ides*, Black Sage.

Valuable for dry places. Deep green foliage and purple flowers. In pots, each 35c.

*Ceanothus occidentalis*. Western Sweet-Scented Shrub.


*Carpentaria californica*. Tree Anemone.

A rare and beautiful shrub found in some of the gorges of the Sierra Nevada with many small clusters of large, dark green, glossy leaves. Flowers in clusters, usually of 5 to 10, and occasionally 12 or more; large, pure white with yellow stamens and with a fragrance like the Mock Orange. In gallon cans. Each, $1.00. In 5-gal. cans. Each, $2.50.

*Ceanothus, California Wild Lilac*.

The Ceanothus is among the most desirable of our native shrubs and particularly useful for planting in dry places. The following are some of the most beautiful species:

*C. arboreus*. Arborous; large shrub or small tree of rapid growth. Flowers in large trusses, bright blue; large, handsome foliage. In gallon cans. Each, 75c. In 5-gal. cans. Each, $2.00.

*C. arboreus hybridus*. A hybrid between *C. arboreus* and *C. megacarpus*. Of very rapid growth with large, glossy green foliage and immense trusses of bright blue flowers. Very free flowering and one of the best of the Ceanothi. In gallon cans. Each, 75c. In 5-gal. cans. Each, $2.00.

*C. cuneatus*. A rare species from San Diego county and now offered for the first time. A splendid shrub with dark green foliage and large trusses of dark blue flowers, which appear late in spring after other kinds are over. In gallon cans. Each, $1.00. In 5-gal. cans. Each, $2.50.


Ceanothus arboreus hybridus — *California Wild Lilac*
**Lupinus arboreus**, "Yellow Tree Lupine," A shrubby species especially valuable for covering dry sandy slopes. It produces great quantities of rich yellow, fragrant flowers in spring. In pots, each 50c; doz., 2.50.

**Lupinus longifolius**, "Blue Bush Lupine." Very desirable for covering dry, sandy slopes. Flowers abundantly all through the winter and early spring months. It can be planted with the preceding kind, producing a very pretty effect. In pots, each 25c; doz., 2.50.

**Mimulus guttatus**, " Sticky Monkey Flower." Small shrub 2 to 5 feet high. Flowers butter or salmon-colored resembling an azalea in shape. In 4-inch pots. Each 50c; doz., $5.00.

**Mimulus guttatus**, Brown flowered form. A form of the preceding, differing only in the color of the flowers, which are mahogany brown. In 4-inch pots. Each, 50c; doz., $5.00.

**Mimulus guttatus**, Cream-colored form. Another form of the preceding, having cream-colored flowers. Each 50c; doz., $6.00.

**Mimulus puniceus**, " Red Sticky Monkey Flower." A species from San Diego county; flowers bright red. In 4-inch pots. Each, 50c; doz., $5.00.

**Parkinsonia aculeata**, Shrub or small tree. 15 to 25 feet high. It has thorny, drooping branches, with long, fragrant foliage, and showy yellow flowers. In gal. cans. Each, 75c.


**Pentstemon antirrhinoides**, "Yellow Bush Pentstemon." Very handsome shrubs, flowers large, bright yellow. In 4-inch pots. Each, 75c; doz., $2.50.

**Pentstemon cordifolius**, "Scarlet Honeysuckle." A woody plant, 6 to 8 feet high, flowers orange scarlet, in 4-inch pots. Each, 75c.


**P. couleri**, "Big Cone Pine." One of the most beautiful of all pines. In gal. cans. Each, 75c. In 5-gal. cans. Each, $3.00.

**P. muricata.** "Bishop Pine." Forms a roundish or flat topped tree from 40 to 80 feet high. Grows best near the coast. In gal. cans. Each, 75c. In 5-gal. cans. Each, $2.00. Specimens, balled or boxed, $3.50 to $25.00.

**P. parrayana.** "Perry's Nut Pine." A very handsome species from San Diego county. It forms a small tree with rounded top and short needles of a glaucous color. In 5-gal. cans. Each, $5.00; doz., $25.00.


**P. torreyana.** "Torrey Pine." Found on the bluffs at Del Mar, in San Diego County; a rather small tree or spreading habit, which, when young, "spreads out and succeeds well under cultivation." In gal. cans. Each, 75c. In 5-gal. cans. Each, $2.00.


**Platanus racemosa.** (P. racemosa) "California Sycamore." A well known deciduous tree. In gal. cans. Each, 75c. In 5-gal. cans, $3.00.

**P. trichocarpa.** "Black Cottonwood." Deciduous tree found in many canyons. In gal. cans. Each, 75c.

**Prunus ilicifolia.** "California Wild Cherry." One of the most beautiful of native shrubs. Pretty holly-like foliage and small white flowers. In gal. cans. Each, 75c. In 5-gal. cans, $2.00. In 15-gal. cans, $5.00.

**P. integrifolia.** "Catalina Cherry." Leaves large, oval, rich glossy green. In gal. cans. Each, 75c. In 5-gal. cans, $2.50; doz., $13.00.


**Quercus griseoalba.** (Goldsborough oak). A very handsome tree with rich green foliage, lighter on the underside. In gal. cans. Each, 75c. In 5-gal. cans, Each, $1.50.


**Q. engelmanni.** Mesa Oak. A large tree with grey green foliage, semi-deciduous. Very common around Pasadena. In gal. cans. 2 to 3 ft. Each, 50c.
California Native Perennial Flowering Plants

**Aster greatae.** "Wild Aster." Flowers large, rich lavender. Prefers a moist place. In pots, each 15c; doz. $1.50.

**Aster hessicus.** "Wild Aster." Flowers pale lavendar. Prefers a moist place. In pots, each 15c; doz. $1.50.

**Aquilegia truncaata.** "Columbine." Flowers deep scarlet tipped with yellow. In 2½-inch pots, each 20c; doz. $2.00.

**Audibertia grandiflora.** "Humming Bird Sage." A stout growing plant with large leaves and spikes of red flowers. Prefers a shady situation. In 4-inch pots. Each, 35c; doz. $3.50.

**Coreopsis maritima.** "Sea Dahlia." Large flowers, 2 to 3 inches in diameter, light crampy yellow. In 3-inch pots. Each 20c; doz. $2.00.


**Erythroniumamericanum.** "Beach Wallflower." A much branched woody plant 1 to 2 feet high, found on the sand dunes and cliffs of the coast. Flowers are cream-colored or light yellow. In 2-inch pots. Each, 20c; doz. $2.00.

**Fragaria californica.** "California Wild Strawberry." Valuable as a ground cover, especially under trees. In 4-inch pots. Each, 25c; doz. $3.00.

**Helianthus bigelovii.** "Sneezeweed." Grows 2 to 3 feet high; flowers yellow with darker centers. Prefers a well-drained place. Each, 25c; doz. $2.00.

**Lupinus cyanoides.** "Canyon Lupine." A magnificent species, often growing 5 feet or more high. It has large, blue and white flowers and very long racemes of deep pink or rose-purple flowers. Grows in moist places. In 3-inch pots. Each, 25c; doz. $2.50.

**Palmerella dehillserrata.** "Blue Lobelia." Pale blue flowers. Grows in moist places. Each 20c; doz. $2.

**Ribes aureum.** "Yellow Flowering Currant." A small shrub which sends up new shoots from the root, making quite a large clump. From midwinter to spring it is covered with a perfect shower of dark yellow flowers, followed by quantities of fruit which make excellent jelly. In gal. cans. Each, 50c.


**Sequoia gigantea.** "California Big Tree." A magnificent tree of perfect pyramidal form. Foliage bluish green. In gal. cans. Each, $2.00.

**Sequoia sempervirens.** "California Redwood." In gal. cans. Each, 75c. In 5-gal. cans. Each, $2.00. Boxed, 4 to 6 feet, $5.00.

**Symphoricarpus mollis.** "Dwarf Snowberry." A low growing deciduous shrub which likes a shady place. In gal. cans. Each, 50c.

**Umbellularia californica.** "California Laurel" or "Bay." Handsome tree with shining dark green foliage. In gal. cans. Each, 75c. In 5-gal. cans. Each, $2.00. Boxed, 4 to 5 feet, $5.00; 5 to 7 feet, $7.50.

**Yucca brevifolia.** "Joshua Tree." A peculiar plant with stout trunk and open crown of arm-like branches; greenish white flowers. Adapted to hot, dry locations. In 4 inch pots. Each, 35c.

**Symphoricarpus mollis.** "Dwarf Snowberry." In gal. cans. Each, 50c.

**Umbellularia californica.** "California Laurel" or "Bay." Handsome tree with shining dark green foliage. In gal. cans. Each, 75c. In 5-gal. cans. Each, $2.00. Boxed, 4 to 5 feet, $5.00; 5 to 7 feet, $7.50.

**Yucca brevifolia.** "Joshua Tree." A peculiar plant with stout trunk and open crown of arm-like branches; greenish white flowers. Adapted to hot, dry locations. In 4 inch pots. Each, 35c.

**Symphoricarpus mollis.** "Dwarf Snowberry." A low growing deciduous shrub which likes a shady place. In gal. cans. Each, 50c.

**Umbellularia californica.** "California Laurel" or "Bay." Handsome tree with shining dark green foliage. In gal. cans. Each, 75c. In 5-gal. cans. Each, $2.00. Boxed, 4 to 5 feet, $5.00; 5 to 7 feet, $7.50.

**Yucca brevifolia.** "Joshua Tree." A peculiar plant with stout trunk and open crown of arm-like branches; greenish white flowers. Adapted to hot, dry locations. In 4 inch pots. Each, 35c.
Ornamental Trees and Shrubs

All prices quoted on Deciduous and Citrus Fruit Trees, Ornamental Trees, Shrubs and Vines are F.O.B. Los Angeles, and can be sent only by express or freight. Add 15% of the total amount of the order for packing charges. Minimum packing charge 25c.

All trees and shrubs in the following list, unless otherwise stated, are evergreen.

ABELIA RUPESTRIS. A pretty shrub with spreading drooping branches, small, glossy green leaves and numerous tube-like flowers, pink shaded with white. In favorable locations this shrub will bloom almost the year round. In gal. cans. Each, 75c. Bailed, $2.00.

ACACIA BAILEYANA. 30 feet. A strikingly beautiful tree with glaucous pinnate foliage and covered late in winter with canary-yellow flowers which completely envelop the tree. In gal. cans, 2 to 3 ft. Each 75c. In 5-gal. cans. Each, $2.50.

A. ARMATA. "Kangaroo Thorn." 10 feet. A spreading shrub, with small yellow flowers, excellent for grouping, also for hedges. In gal. cans, Each, 75c. In 5-gal. cans. Each, $2.00.


A. FLORIBUNDA. (A. nertifolia.) 30 feet. A very quick growing species of pendulous habit, long, narrow leaves; flowers light yellow. In gal. cans, 2 to 3 ft. Each, 60c. In 5-gal. cans. Each, $2.00.

A. JULIBRISIN. (Albizia julibrissin.) 40 feet. Wide spreading deciduous tree with finely divided feathery foliage and pink flowers in large clusters. In gal. cans. Each, 75c.

ACACIA LONGIFOLIA. "Sydney Golden Wattle." 30 feet. Generally known in California, though wrongly. As Aca. latifolia. Of rather slender habit, it properly trimmed it makes a fine street tree, and does well near the ocean; leaves long, lanceolate, green, flowers yellow, 4 ft. high. In gal. cans, 5-gal. cans. Each, $2.00.


A. PODALYRIAEPFOLIA. A beautiful shrub, somewhat similar to A. cultiformis, but with larger leaves and larger flowers which are produced in immense quantities early in winter and for this reason it is especially recommended for cutting. Flowers rich canary-yellow. In gal. cans. 2 to 3 ft. Each, 75c.


A. PRUNOSA. 25 feet. A very beautiful tree with large, handsome, finely-cut foliage, which is of a rich bright green. In gal. cans. Each, 75c. In 5-gal. cans. Each, $2.00.


A. VERTICILLATA. 12 feet. A shrub of rather spreading habit, with all flowers yellow and with flower spikes one inch or less in length; flowers deep yellow and extending the entire length of the young branches; one of the best for planting in groups. In gal. cans, 3 to 4 ft. Each, 75c. In 5-gal. cans. Each, $2.00.

ANGOPHORA LANCEOLATA. A tall spreading tree with clean, smooth bark, much resembling the eucalyptus, to which it is closely related. It is valuable for planting for ornamental purposes as single or screen trees. In gal. cans. Each, 25c.

ARBUTUS UNEDO. "Strawberry Tree." A very desirable shrub with beautiful dark green foliage. In fall the plants have both blossoms and fruit; the latter in appearance like strawberries. In gal. cans. Each, 75c.


BERBERIS AQUIFOLIUM. "Oregon Grape." 4 feet. A handsome shrub, with shining, purplish, prickly leaves and bright yellow flowers. In gal. cans. Each, $2.00.

B. DARWINII. 3 feet. A beautiful shrub with many slender branches, drooping towards the end. The foliage is dark green and prickly, somewhat like holly, and often turns a bright red in fall, which color it holds through winter. In fall the plants are covered with a profusion of golden yellow flowers. In gal. cans. Each, 75c.

B. WILSONAE. A valuable shrub of late introduction. The plants form low, dense, spreading shrubs, often only a foot or so high, but with several feet of spread, completely covering the ground with a dense mat of small, bright green foliage, which turns to a reddish brown in fall. The flowers are in clusters, golden yellow and followed by salmon-colored berries. In gal. cans. Each, 75c.

BUDDLEYA ASIATICA. A tall shrub with spreading and slightly drooping branches, producing large terminal spikes of small white flowers. A splendid shrub for planting as a background for smaller shrubs and flowers. In gal. cans. Each, 75c.
CERATONIA SILIQUA. "St. John’s Bread," or "Carob Tree." 40 feet. A thick-growing tree with masses of rich green foliage, and small, brown, slightly sweet-scented, drupes with scarcely any water. In gal. cans, 2 to 3 ft. Each, 75c. In 5-gal. cans, Each, $2.50.

CHAMAECYPARIS LAWSONIANA. "Lawson’s Cypress." 200 feet. One of the most striking and graceful of all evergreen trees, with horizontally spreading pendulous branches, and flat, compressed foliage; evergreen on lawns. In gal. cans. Each, 75c. In 5 gal. cans, Each, $2.00. Balled, 3 to 4 ft. Each, $3.90.

CHOISYA TERNATA. A pretty shrub with bright green, deeply cut foliage and clusters of white, fragrant flowers. In gal. cans. Each, 60c.

CUPRESSUS LADANIFERAE MAGNIFICA. "Spotted Rock Rose." A free flowering shrub of low spreading habit. Flowers 3 to 4 inches in diameter, pure white with crimson spot at base of petals. In gal. cans. Each, 60c.

COPROSMA RIGIDA. A very handsome low growing shrub. The leaves are almost round, of a clean, glossy green color and have the appearance of having been varnished. It is especially valuable for planting in small beds, around a porch or against a wall. In gal. cans, 2 ft. Each 50c.

CORONILLA GLAUCA. A small shrub with glaucous foliage and quantities of bright yellow pea-shaped flowers. In gal. cans. Each, 60c.

COTONEASTER ANGUSTIFOLIA. A shrub of upright spreading habit, with small narrow foliage and covered during winter with bright orange clusters of flowers. In gal. cans. Each, 75c. In 5 gal. cans. Each, $2.00.


C. PANOSA. Of spreading habit, with many gracefully drooping branches, grey green downy foliage; covered in fall and winter with quantities of bright red berries. In gal. cans. Each, 75c. In 5-gal. cans. Each, $2.00.


CRAPA MYRTILE. See Lagerstroemia.

CRATAEGUS PYRACANTHA. "Evergreen Thorn," or "Burning Bush." A fine deciduous evergreen shrub, with small dark green leaves and white flowers, followed by masses of deep orange-red berries which attractively remain on the plant all winter. In gal. cans. Each, 60c. In 5-gal. cans. Each, $2.00.

CRATEAGUS CREMULATA. Similar to the preceding but has narrower leaves and bright red berries. In gal. cans. Each, 60c. In 5-gal. cans. Each, $1.50. Balled, 2 to 4 ft. Each, $2.00.

CRATAEGUS YUNANENSIS. A very desirable shrub lately introduced from Yunnan, China. It is of low spreading habit, much like the branches being feebly prostrate. The foliage is rich dark green, and in fall and winter the plants are literally covered with brilliant scarlet berries. For covering banks, this shrub probably has no equal. In gal. cans. Each, 50c. In 5-gal. cans. Each, $2.00. Balled, 5 to 6 ft., $2.50.

CUPRESSUS ARIZONICA. "Arizona Blue Cypress." 70 feet. A tree of great value, and without doubt the most silvery of all cypress. It grows quite rapidly and forms a perfect tree, thriving in almost any soil, and surviving without frost. In gal. cans. Each, 75c. In 5 gal. cans. Each, $2.00.

C. MICROCARPA. "Monterey Cypress." 70 feet. A native tree, extensively planted for hedges and equally valuable for single specimens. The tree becomes very picturesque in old age, and in large plantings, and with very little care, it is a most handsome tree for the garden. In gal. cans. Each, 75c. In 5-gal. cans. Each, $2.00.

CUPRESSUS PSEUDOPODOLEA FASTIGIATA. "Italian Cypress." 75 feet. A tall, tapering tree with erect branches, growing close and parallel with the trunk. Largely used in formal gardens, and well adapted as a specimen plant. In gal. cans. Each, 75c. Balled, 4 to 6 ft. Each, $3.00; 6 ft. each, $5.00.

NOTE—We have some unusually fine Italian Cypress raised from cuttings, which are absolutely true to type. Inquiries solicited.
DIOEMA ERICOIDES. (D. alba.) "Breath of Heaven." A favorite shrub of small size, with fine, heat-like, fragrant foliage and quantities of small white flowers. In gal. cans. Each 75c.

DORYANTHES PALMERS. Large leaves 5 to 7 feet long with flower stems 8 to 10 feet high bearing a large thyrus of deep scarlet flowers. It takes the plants several years to reach the blooming period, but the young plants are very valuable for decorative pot plants. In 5-inch pots. Each, 50c.

DRACAENA DRACO. "Dragon Tree." 50 feet. Forms a stout stem crowned with numerous sword-shaped leaves. In gal. cans. Each, 75c. (See illustration, page 47.)

D. INDIVISA. 30 feet. A decorative plant with long narrow leaves and slender stems. In gal. cans. Each, 75c. Balled, 2 to 3 ft., $2.00; 3 to 4 ft., $3.50.

DURANTA PLUMIERI. "Golden Dew Drop." A beautiful shrub with light green foliage and large clusters of pale blue flowers, followed by bright yellow berries. In gal. cans. Each 75c.

ERICA MEDITERRANEA. "Mediterranean Heath." 4 feet. A densely branching shrub of globular shape, with small dark green foliage. In late winter and spring the plants are a perfect mass of small pink blossoms. The best of the Heaths for California. In gal. cans. Each $1.00.

E. MELANTHERA. 4 feet. A very desirable shrub. In late winter and spring the whole plant is literally covered with pink flowers. In gal. cans. Each, 75c. Balled, 2 to 3 ft., $2.00.

ESCALLONIA ALBA. 10 feet. A beautiful shrub of upright growth; leaves deep, glossy green; flowers pure white, in large terminal cymes, appearing abundantly in fall and early winter. Gal. cans. Each, 75c.

E. MONTEVEDENSIS. 12 feet. A large shrub, flowers in immense terminal cymes, pure white. It blossoms in late summer and the flower clusters are produced in great profusion, almost completely covering the plant. Each 75c.

E. ROSEA. 10 feet. A very desirable kind, with conspicuous white flowers. In gal. cans. Each, 75c.


EUCALYPTUS BOTRYOIDES. "Bastard Mahogany or Bangalay." Stately in appearance, leathery green leaves. Rapid growth; fine for shade or windbreak. In gal. cans. Each, 50c.

EUCALYPTUS CITRIODORA. "Lemon Scented Gum." Ideally planted for ornamental purposes. In gal. cans, 2 to 2 ft. Each 50c.

CORNUTA. "Yate Tree." A very handsome tree of spreading habit, desirable for highway planting. In gal. cans. Each, 50c.


C. POLIFOLIA. "Scrub Gum." A small ornamental tree, very ornamental species, with large leathery leaves, and immense clusters of large, bright crimson flowers. In gal. cans. Each, 75c.

C. GLOBUS. "Blue Gum." A well known tree. In cans, 2 to 3 ft. each 35c. In flat of 14 pots, per flat $3.50.


C. RUDIS. One of the best for street planting. Large planted in irrigated sections on the desert. In gal. cans. Each, 50c.


C. TEREFTORICNIS. "Forest Red Gum." The most valuable for timber purposes. In gal. cans. Each, 70c.

C. VIMINALIS. "Manna Gum." An exceedingly handsome tree with long handsome clusters of crimson or bright crimson flowers as a small tree. In gal. cans, 1 1/2 to 2 ft. Each 75c.


FRAXINUS VELUTINA. "Arizona Ash." A deciduous tree, largely planted in Arizona and Nevada for shade purposes, and is of great value, being of quick growth, standing both heat and drought remarkably well. bare-rooted 3 to 6 ft. Each, 50c.

GENISTA CANARIENSIS. A pretty shrub, very effective for planting in groups, being covered in spring with bright yellow flowers. In gal. cans, 2 to 3 ft. Each, 60c. In 6-gal. cans. Each, 2.00.


G. MONESPERMA PENDULA. "Bridal Veil." 10 feet. A rare and handsome shrub with fine, drooping, silvery branchlets. The flowers are white and produced in immense numbers. Gal. cans. Each, $1.00.


GHEVILLEA ROBUSTA. "Silky Oak." 150 feet. A large tree with pretty fern-like foliage, covered late in spring with orange-colored flowers which are a great source of honey. In California and is one of the most stately trees for avenue planting, thriving with scarcely any water. In gal. cans, 2 to 6 ft. Each, 60c. In 6-gal. cans. Each, $2.00.

G. THELEMMANNIA. A beautiful shrub, especially valuable for planting in dry places. It has pretty feathery foliage and produces a great profusion of bright scarlet flowers. In gal. cans. Each 60c.

HAEKA LAURINA. (H. eucalyptoides.) 10 feet. A winter blooming shrub, with foliage similar to the Blackwood Acacia, bearing curious, glbose heads of red flowers with white stigmas. In gal. cans. Each $1.00.
HAKEA ELIPTICA. Rather compact in habit, growing to a height of 8 to 10 feet. The older leaves are lance-shaped, and are gathered into a tuft at the end of the branch. The flowers are usually bright yellow, but there is a bronze or rusty appearance. Very ornamental for shrubbery planting. In gal. cans. Each, 75c.

H. flexiglans. A shrub with 3-leaved foliage, with narrow, opposite leaves, and producing large spikes of rich red flowers. In pots, $2.50.

HYDRANGEA HORTENSIA. A well known deciduous shrub, with large clusters of white, pink, or blue flowers. Useful for small beds around a porch or against a wall, in flowering nearly all summer. In gal. cans. Each, 75c.

HYPERICUM HENRY. A pretty shrub with small foliage and large clusters of bright yellow flowers. In gal. cans. Each, 75c.

H. MOSERIANUM. A low growing shrub, producing quantities of large, single, bright yellow flowers when young, which form compact, showy stamens. Excellent for massing, flowering almost continuously. In gal. cans. Each, 60c.

JARA N. HEDYSAREA. "Pink Cray Myrtle." A well known deciduous shrub, producing an abundance of showy pink flowers. Each, $1.50.

LAGUNARIA PATENTSONI. 20 feet. A small pyramidal tree with ovate leaves. A handsome and effective shrub for beds. In gal. cans, 3 to 4 ft. Each, 75c.


LEONOTIS LEONURUS. "Lion’s Tail." A small shrub blooming abundantly in summer and fall. Flowers in widespread rows of deep rose-orange. In gal. cans. Each, 50c.

LEPTOPSERMUM LAVEGATUM. This beautiful shrub does particularly well in California and is very suitable for planting in masses, and for filling up odd corners of your garden. Rapidly in the spring it is laden with a profusion of white blossoms. In gal. cans, each 75c. In 5-gal. cans, each 2.50.

LEPTOPSERMUM JAPONICUM. "Japanese Privet." 20 feet. A large shrub, usually planted as a hedge, and very useful for beds and borders. A good variety for 100 or more plants. In gal. cans. Each, 3.00.

L. NEPALENSE. "Small Leaved Privet." 10 ft. Much used for hedges in southern California. It grows quickly and can be trimmed in any way desired, making a dense, thick hedge. Leaves small, light green, flowers white, in large sprays. In flats of 100 plants, per 100, $2.00.

LONICERA NEISSIA. "Upright Evergreen Honey-suckle." A small shrub of recent introduction. It has very small foliage and white flowers followed by bright blue berries. Useful for beds or single specimens. In gal. cans. Each 50c.

MAGNOLIACHITA. 30 feet. One of the finest of American evergreen trees. The leaves are all deciduous, entire, and oval, with a pointed apex. The flowers large, waxy white and fragrant. In gal. cans. Each, $1.00.

MALALEUCA ERICIPOFLA. "Bottle Brush." A large shrub with pretty, bright green, opposite leaves, and producing large spikes of rich red flowers. In pots, 1½ to 2 ft. Each, 60c.

M. ARMILLARIA. "Bottle Brush." Spreading growth with slender drooping branches covered with small soft green leaves; white flowers. In gal. cans. Each, 75c.


M. HYPERICIFOLIA. "Bottle Brush." A tall shrub with pretty, bright green, opposite leaves, and producing large spikes of rich red flowers. In pots, 1½ to 2 ft. Each, 60c.

MELIA AZEDARACH UMBRACULIFORNS. "Texas Umbrella Tree." A well known deciduous tree. The branches are young and graceful, and the tree in a mature state resembles a large umbrella. The trunk and with drooping foliage, give it the appearance of a gigantic umbrella. It is a handsome tree when trained great amount of heat. Bare roots, 4 to 6 ft. Each, $1.50.

MUSA ENSETJE. "Abyssinian Banana." Forms a single stout trunk with large, deep green leaves 10 to 15 feet long. In 5-gal. cans. Each, $2.00.


NANDINA DOMESTICA. "Japanese Nandina." A small shrub growing about 5 feet, but increasing by new branches coming from the ground. In 5-gal. cans. Each, 75c.

NEPHROSTYX. A compound, divided into many small leaflets, very rich, green when young, dark green at maturity, and keeps its leaves well. Flowers white in upright panicles followed by quantities of bright scarlet berries. This shrub thrives remarkably well in California, growing in full sun, shade or partial shade. Also it makes a splendid pot or tub plant. In gal. cans. Each, $1.00. Balled, 2 ft. Each, $2.00, 5 ft. Each, $3.00.

O. See Quercus.

OLEANDER. A well known and favorite shrub. In double pink and double white. In gal. cans. Each, 75c.

PEPPER TREE. See Schinus.


PITCAIRNIA DIOSA. One of the most rapid growing trees known, with large, bright green foliage. Trees have been known to form a trunk 1½ feet in diameter in three years. Valuable both for its rapid growth, and a valuable feature in the reforesting of our mountains. In gal. cans, 2 to 3 ft. Each, 75c. Balled 3 to 4 ft. Each $2.50.

P. PINEA. "Italian Stone Pine." 60 feet. A very picturesque tree; branches spreading and usually con- fined to the top of the tree. In gal. cans. Each, 50c.

P. PINUS CANARIENSIS. "Blue Pine." 80 feet. A beautiful tree with long pendant needles of a glaucous blue color. It is one of the best pines in the whole world and is one of the best pines for Southern California. It has the peculiarity of sprouting from the stump when cut down or even burned. It has a valuable feature in the reforesting of our mountains. In gal. cans. Each, 75c.

P. PISSARO. "Pistachio." Round headed symmetrical tree. Very attractive in the fall when the foliage turns a brilliant scarlet. Deciduous. In gal. cans. Each, 5-gal. cans, Each, 75c. Balled bare roots, 5 to 6 ft. $1.50; 6 to 7 ft. $2.00.

PETTITSPORUM EUGENIOIDES. 20 feet. A handsome shrub or shrub-like tree, with large deciduous leaves and dark stems. Very pretty for hedges, also as single specimen plants. In gal. cans. Each, 75c.

P. CHASSIFOLIUM. A tall growing shrub, with grey green downy foliage and small deep red flowers. Thrives especially well near the coast. In gal. cans. Each, 75c. In 5-gal. cans. Each, $2.00.

P. CROSSENS. Shrub with upright growth; small shiny green leaves and dark, almost black stems. In gal. cans. Each, 75c. In 5-gal. cans. Each, $2.00.

P. PHILLYRAEIOIDES. A rare and graceful tree attaining a height of 20 to 25 feet. In habit and general appearance it resembles the Weeping Willow, having drooping branches and narrow green leaves, but it has the peculiar character of being an evergreen tree. In gal. cans. Each, 75c. In 5-gal. cans, Each, $2.00.

P. TOHIIO. A handsome shrub, with dark brown, shrub-like leaves and white fragrant flowers. In gal. cans. Each, 60c. In 5-gal. cans, Each, $2.00.

P. UNDULATUM. A shrub or small tree, with large lacy-shaped, 6-lobed leaves and white fragrant flowers. It makes a splendid hedge and is very handsome as single specimen plants; also suitable for street trees in gal. cans. Each, 75c.

PLATANUS ORIENTALIS. "European Sycamore." "Ornamental Plane." A deciduous tree of great beauty. Leaves bright green, deeply cut. It thrives well in California and is used for public avenues planting. Bare roots, 5 to 6 ft. Each. $1.50.

PLUMIAGO CAPENSIS. Spreading shrub or half climber producing great quantities of small blue flowers. In gal. cans. Each, 60c.
PODOCARPUS ELONGATUS. Conifer. Beautiful dark green foliage in a very fine specimen tree. In gal. cans. Each, 75c.

PRIVET, See Ligustrum.


PSIDIUM GUAVA. "Lemon Guava." Useful as well as ornamental. Fruit yellow, very large. Makes delicious jelly or preserves. In gal. cans. Each, 75c.

QUERCUS SUBER. "Cork Oak." A splendid tree of upright growth with rounded head. It thrives well in California and is one of the very best trees for planting along streetsides. In gal. cans. Each, 60c.

RAPHIOLEPSIS JAPONICA. (R. ovata.) Japan. 12 ft. A beautiful compact shrub of rather slow growth. The leaves are oval, thick and leathery, an inch or two inches wide, of dark green. In spring the plants are covered with white, fragrant flowers. In gal. cans. Each, 75c.


RUSELLIA ELEGANTISSIMA. .... Slender, pendulous branches with pink flowers. Yields a splendidly beautiful plant, being of almost continuous bloom. In gal. cans. Each, 75c.

SCHINUS MOLLE. "Pepper Tree." 50 ft. The most graceful of all the evergreen trees. Covered with tiny, branches of finely cut, delicate green leaves and coral red berries. It is the admiration of every tourist. In gal. cans. 3 ft., each, 50c.

SOLANUM RANTONNETTI. A very desirable shrub with spreading, drooping branches, small green foliage and quantities of brilliant blue flowers. Blooms nearly the year round and requires very little water. In gal. cans. Each, 75c.

SOLANUM TWEEDIANA. A very tall growing variety of clinging habit, very useful for covering walls, high pillars, etc. Blooms in spring, large canary yellow trumpet-shaped flowers. Each 25c. per doz., $2.50. In gal. cans. Each, 50c.


STREPTOSOLON JAMESONII, A small shrub, particularly valuable for planting in dry, sunny situations. It blooms for a long period, and produces immense quantities of yellow and orange colored flowers. In gal. cans. 1½ ft. Each, 60c.

SYRINGA VULGARIS. "Common Lilac." Erect growing deciduous shrub, bearing purple flowers in large panicles. In gal. cans. Each, $2.00.

THUJA ORIENTALIS. (Blota orientalis,) "Chinese Arborvitae," 25 feet. A small thick growing pyramidal tree. Bright green foliage turning bronze or brown in the winter. Desirable as a single specimen or for hedges. In gal. cans. Each, 75c. Ballad, 1 to 2 ft., $2.00; 2 to 3 ft., $3.00.

THYMUS CHAMAECISTUS "Creeping Thyme." A particularly beautiful, with large handsomely foliage and white flowers. It forms a dense compact head and may be trained on a wall, or set as a specimen tree or for street planting. In gal. cans. Each, 75c.

UMBRELLA TREE, See Mélia.


CLIMBING PLANTS

AMPELOPSIS BECHTCHII. (A tricuspidata.) "Boston Ivy." A splendid vine for covering walls, chimneys, stone work or hoard fences. Glossy green foliage, turning to rich shades of yellow and red in the fall. Each 25c per doz., $2.50. In gal. cans. Each, 50c.

AMPELOPSIS SEMPERVIRENS. "Evergreen Ampelopsis." A beautiful evergreen vine of slender graceful habit. produces rich green foliage and large, large clusters of pink and white, fragrant flowers. In gal. cans. Each, 75c.

AUSTRALIAN PEA VINE. (Dolicho lignosus.) A very rapid growing vine, with pretty foliage and rose and white flowers. Value in covering up fences quickly; stands the heat well. Each 25c, per doz., $2.50.

BIGNONIA MACKENZII. A magnificent climber producing large tubular-shaped flowers, blood red with yellow at the base. Each, 75c.

BIGNONIA VENUSTA. Produces large clusters of deep orange, tubular-shaped blossoms. A valuable climber, growing to a great height; often seen covering the roofs of houses. Each, 75c.

BIGNONIA TWEEDIANA. A very tall growing variety of clinging habit, very useful for covering walls, high pillars, etc. Blooms in spring, large canary yellow trumpet-shaped flowers. Each 25c. per doz., $2.50.

BIGNONIA GLabra, SANDERIANA. Blooms when quite young, and is very free flowering; color rich magenta. Each, 75c.

BLEEDING HEART, "Bleeding Heart." A splendid vine for covering stone or brick walls, to which it fastens itself by peign or tendrils. It makes a dense mat of small, dark green leaves. Each 25c. per doz., $2.50.


JASMINUM OFFICINALE. "White Jasmine." A rather slow growing vine, with fragrant flowers and quantities of white, fragrant, star-shaped flowers. Each, 75c.

JASMINUM PRIMULUM. A rapid growing vine from China, bearing immense quantities of large rich yellow flowers. It blossoms in winter and spring, when the plants are simply covered with masses of bright yellow flowers. Each, 75c.


MANDEVILLA SUAVEOLENS. "Chill Jasmine." Large white fragrant flowers. Each, 50c.

MEDELLENBECKIA PEDUNCULATA "Vine." A rapid growing evergreen vine with waxy stems and small leaves. Desirable for covering fences, trees, etc. Each, 50c.

POLYGONUM AUBERTI. A very rapid growing vine covered in summer with large panicles of creamy white or flesh-colored flowers. A very spectacular vine in full bloom. In gal. cans. Each, 75c.

SOLANDRA GUTTATA. "Copa de Oro." A rare vine of rapid growth, with large, handsome foliage and immense, bowl-shaped, deep yellow flowers. Each, $1.50.

SOLANUM JASMINEIDES. "Potato Vine." A very rapid growing vine; flowers in clusters, with yellow white, centers. Each, 60c.

SOLANUM WENDLANDI. "Magenta flowers." In gal. cans. Each, 60c.

TECOMA AUSTRALIS. Thick handsomely foliage, flowers creamy white, in great profusion. Each, 75c.

VIBURNUM CARPINIFOLIUM, "Dame's Vine." A rapid growing vine, with large handsome foliage. Each, 50c.

WISTARIA CHINENSIS. "Chinese Wistaria." A splendid, rapid growing climber producing long pendulous clusters of pale blue flowers. Each, $1.50.
New and Rare Fruits
Desirable for their beauty as Ornamental Plants as well as Economic Values Should be Planted Freely in all Gardens

Avocado
(Persea gratissima)
This splendid tropical fruit has attracted much attention in Southern California since it has been found that it can be grown successfully in sections where the orange and lemon thrive. It succeeds best in a deep loamy soil and attains a height from 20 to 40 feet.

DICKINSON. Fruit oval to obonate, dark purple, thick skin, 7 to 12 ounces. Flesh greenish yellow of good flavor. Of vigorous growth and very prolific. Ripens June to October. Baled 3 to 4 feet. Each $5.00.

FUERTE. Considered by many the best Avocado yet introduced. It is highly valued by some for its superior qualities, and are smooth and green in color. The flavor is very rich. In the laboratories of the University of California the fruit has been subjected to 30 per cent of salt or oil which places it among the very best varieties for quality. The trees are very hardy, of vigorous growth and come into bearing much sooner than most varieties and produce a very heavy crop. Ripens from January to March, the time of year when Avocados bring the highest price. Baled, 3 to 4 ft. Each $5.00.

PEUHHA. Fruit obovate, dark purple, skin thick, nearly smooth; 10 to 12 ounces. Flesh yellow of rich flavor. A rapid grower and very prolific. Ripens December to February. Baled 3 to 4 feet. Each $5.00.

SHARPLESS. Fruit large, averaging a pound to a pound and a half in weight. Skin thick and coarse, purplish black. Flesh rich, of soft rich flavor. A strong grower and prolific bearer. December to April. Baled 3 to 4 ft. Each $5.00.

SPIKES. Fruit nearly spherical, purplish black, thick skin, 10 to 20 ounces. Flesh cream-colored, of rich flavor. A prolific bearer. Ripens June to September. Baled 3 to 4 feet. Each $5.00.

California Wild Currant
(Ribes gracilisum)
Many people have tried to grow the red or white garden currants in this vicinity, only to meet with disappointment. Of course we must list them in our cata-

Cherimoyor
(Anona cherimolla)
This is one of the finest fruits ever grown and succeeds well in Southern California. The tree is very handsome, with broad, velvety green foliage, often deciduous during the winter months. It is best suited to a light sandy soil but can be grown on heavy soils providing the drainage is good. The tree is hardy enough to be grown wherever the orange thrives. The fruits, which ripen in spring, are 3 to 5 inches in diameter, heart-shaped, of a grayish brown color and produced in great abundance. The flesh is a white, melting, custard-like pulp of delicious flavor.

DELICIOSA. Fruit large, weighing up to 1½ pounds; of delicious flavor. Ripens in January. Budded trees. Each $4.00.

CHOICE SEEDLING TREES. Grown from seed selected from the largest, free fruiting trees. In gal. cans. Each 75c.

White Sapote
(Casimiroa edulis)
This tree was introduced into California by the early Mexican settlers and is now grown in several parts of Southern California. It is a spreading tree with beautiful white flowers, and fruit good in flavor and quite attractive. As a shade tree it has a broad spreading habit of growth. It is widely grown in southern California and makes an excellent ornamental tree.

Feijoa or Pineapple Guava
(Feijoa sellowiana)

Feijoa is a small, but hardy fruit, quite attractive in appearance, with thin skin and sweet pulp. It ripens from September to November. It is easily grown in the garden and may be grown in the open. It is a good idea to plant it near the house where it can be easily picked. The fruit is a small, red, round, and is said to be very good when eaten fresh or dried.

Yellow Strawbery Guava
(Psidium lucidum)

Similar to the red strawberry guava, except in the color of the fruit which is a bright yellow. Considered by some to be of finer flavor than the red variety. In ½–in. pots. Each 25c. In gal. cans. Each 75c.
FRUIT TREES AND GRAPE VINES

Almonds

Price, each, 60c.

I. X. L. This variety is highly recommended by those who have grown it. It bears regularly and heavily. The nuts are large and shell easily, no machine being needed, nor is it necessary to bleach them. The tree is a sturdy upright grower.

NE PLUS ULTRA. A rapid grower and heavy and regular bearer. The nuts are large, very long and soft shelled.

Apples

Price, each, 60c.

DELICIOUS. Large, rather conical in form; bright red, splashed light red, flesh crisp, sweet and juicy. A good bearer. November.

WINTER BANANA. Large, of perfect form, golden yellow shaded with blush, flesh yellow, rich flavor. A strong grower and heavy bearer; three year old trees frequently bearing a heavy crop. September.

JONATHAN. Yellow and red, of medium size; flesh rich, tender and juicy. Variety and a good winter variety. November to December.

RED ASTRACHAN. Large, deep crimson, rich acid flavor. July.

WHITE WINTER PEARMAIN. Of medium size, oblong, pale yellow, sprinkled with miniature brown spots; flesh crisp and juicy, with pleasant sub-acid flavor. A standard market sort. Succeeds well in all parts of the state. November to February.

WINESAP. Greenish yellow, striped with red and purple; flesh crisp and juicy, with rich high flavor. Excellent for the table. November to February.

YELLOW BELLFLOWER. Of large size, oblong, yellow; flesh crisp and juicy, with rich firm flesh and rich high flavor. An excellent table variety. A standard variety in California and succeeds well in the interior. October to January.

YELLOW NEWTOWN PIPPIN. Golden yellow, large; flesh firm, crisp and juicy. One of the standard varieties in California, and very largely planted. January to March.

Crab Apples

HYSLOP. Large, deep crimson. A very popular variety. September.

TRANSCENDENT. Large, yellow striped with red, of pleasant aromatic flavor. A vigorous grower and very productive, the best variety for general use. August.

Apricots

Price, each, 60c.

BLEHEIM. Large, oval, deep yellow, flesh yellow, sweet and juicy. Regular and heavy bearer, in great demand for canning and drying.

NEWCASTLE EARLY. Of medium size, round, ripens two to three weeks earlier than Royal. May.

ROYAL. Medium size, oval, dull yellow, flushed with red. A standard variety. It is a favorite sort for canning and drying; succeeds well in all parts of the state and is more extensively planted than any other variety.

Cherries

Price, each, 75c.

RING. Large, dark purplish black. Flesh firm of delicious flavor. A good shipping variety.

BLACK TARTARIAN. Very large, purplish black; flesh juicy, rich and delicious. The best black cherry. June.

NAPOLEON BIGARREAU. (Royal Ann.) Large, pale yellow, richly dotted with deep red and with a bright red cheek; flesh sweet and juicy. A good bearer.

Figs

Price, each, 75c.

BLACK CALIFORNIA. (Mission.) Large dark purple, good grower and bearer. The large black fig so common in California.

KADOTA. A white fig of medium size, rich flavor and one of the best for table use. It is very prolific and the trees bear when quite young.

WHITE ADRIATIC. Large, skin greenish yellow, pulp red. Extensively planted for drying purposes.

Grapes

Price, each, 20c; per doz., $2.00.

BLACK HAMBURG. Very large bunches; fruits round and large; flesh sweet and juicy. A fine table grape.

BLACK MOROCCO. Bunches of medium size; fruits oval, very large, dark red, turning black when fully ripe; flesh sweet and juicy; ripens late and keeps well. A good shipper.

CORNICHON. BLACK. Long, loose bunches; fruits oval, tangerine at both ends; flesh firm and of fine flavor; ripens late and is a splendid sort for shipping.

COURTARD. Bunches large and compact; fruits large round and sweet.

FLAME TOKAY. Bunches very large; fruits large, pale red covered with bloom; flesh firm and sweet. An old and popular sort; largely planted for table grapes.

EMPEROR. Bunches very large; fruits large, oblong, deep rose colored. One of the best late varieties for the market. A strong grower and heavy bearer.

MALAGA. Very large bunches, often weighing 10 pounds; fruits very large, oval, yellowish green. A good shipping variety, commanding a high price in the eastern markets. The vine is a strong grower and very productive.

MUSCAT OF ALEXANDRIA. Bunches long and loose shouldered; fruits oval, yellowish green, rich flavored. Very largely grown for raisins.

ROYAL OF PERU. Large bunches; fruits large and round, flesh firm. A good market variety. Vine a strong grower.

THOMPSON’S SEEDLESS. Bunches very large; fruits greenish yellow, oval, firm and seedless. A rapid grower and enormous bearer.

Lemons

EUREKA. Medium size; a good keeper; the best for general use. Each, 25c.

Loquats

CHOICE SEEDLINGS. Grown from seed saved from choice large fruited varieties. In gal. cans. Each 75c.

Nectarines

Price, each 75c.

BOSTON. Of medium size, yellow with red cheek; flesh yellow and of good flavor. August.

STANWICK. Large, pale greenish white, shaded with rich violet; flesh white, rich and juicy.

Olives

Price, each 1.50.

MANZANILLO. Large, purplish black, with light colored specks. One of the best commercial varieties, both for pickling and oil.

MISSION. Medium size; desirable for pickling, either green or ripe; also a good variety for oil. An old standard variety introduced by the Spanish padres and now grown here probably more than any other sort.

Oranges

MEDITERRANEAN SWEET. Medium size, ripens late. Tree thornless and a good bearer. Each 3.00.

TANGERINE. (Dancy’s.) Medium size; very sweet; rind thin and separates easily. Each 3.00.

VALENCIA, LATE. Large, oblong; ripens very late. Each, 2.50.

WASHINGTON NAVEL. The standard variety in California. Fruit large, luscious and seedless; a good bearer and shipper. Each, 2.50.

Peaches

Price, each, 60c.

BRIGGS RED MAY. Medium size; greenish white with red cheek; flesh greenish white, melting and juicy. A popular early variety. Middle of June.

EARLY CRAWFORD. Large, oblong; skin yellow, with red cheek; flesh yellow and sweet. Middle of July.
ELBERTA. Very large; bright yellow, with mottled red cheek; flesh yellow, juicy and sweet. One of the best bearers. Late in July.

J. H. HALLE. Large, highly colored, yellow flesh, and of rich flavor. The best peach for general use.

OREGON CLING. Very large, yellow with red cheek; flesh golden yellow, rich and sweet. Late August.

STRAWBERRY. Medium size, white with dark red markings; flesh white, sweet and juicy. Early July.

GEORGE THE FOURTH. Fruit large, white, with a rich cheek; flesh pale, rich and juicy; very popular as a table variety. End of August.

LATE CRAWFORD. Very large, yellow, with dark red cheek; flesh deep yellow, rich flavor. A popular variety for drying and canning.

ALWAYS LARGE. Very large, yellow, with brownish red cheek; deep red flesh, rich flavor; a standard late variety. Middle of September.

AJI. Large, round, yellow with a slight blush on the sunny side. Flesh firm, clear yellow. A favorite for canning.

Pears

Price, each 75c.

BARTLETT. Large, clear, lemon-yellow with soft blush; flesh white, juicy and rich. The most popular variety.

SECKEL. Small, brownish green with russet-brown skin. For drying in equal.

WINTER NELIS. Medium size, yellowish green, dotted with grey russet; flesh yellowish white, rich and juicy season. A regular bearer, good shipper and keeper.

Persimmons

Price, each $1.50 to $2.00.

HACHIYA. Large, conical, bright red. Flesh yellow, of highest flavor.

TANE NASHI. Very large; light yellow, changing to red when fully matured; flesh yellow, seedless, very fine quality.

Pomegranates

WONDERFUL. Large and very attractive, of the finest quality. Each $1.00.

Pomelo or Grapefruit

MARSH’S SEEDLESS. Medium size, practically seedless; thin, smooth skin; fine flavor. Each $2.50.

PLUMS

Price, each 60c.

APEX PLUMCOT. A cross between Apricot and Plum. Large, globular fruit, rich flavor. June.

BINTJANK. Large, red with illiac bloom; flesh deep yellow, very sweet. A strong, vigorous grower; often commences bearing when 2 years old.

GREEN GAGE. Medium size, round yellowish green, rich flavor. An old favorite variety. August.

KELSEY JAPAN. Very large; green, changing to rich yellow, shaded with reddish purple when ripe and covered with bloom; flesh yellow, firm and sweet; a good bearer. July to October.

SAN ANTONIO. Large, dark red, high-clipped crimson with light blue bloom. Flesh pale amber near the stone, shading to deep, purplish crimson near the skin. Regular bearer; valuable for both shipping and home use. For beauty and quality of fruit it is unsurpassed. Early July.

SANTA BARBARA. Each, large, globular, dark red with thin illiac bloom; flesh dark red, firm and juicy. July.

WICKSON. Very large, deep cherry red, changing to rich claret color; flesh amber, rich and juicy. This variety was originated by Mr. Luther Burbank and is a cross between Satsuma and Kelsey Japan, and is considered by him one of the best of the Japan plums.

Prunes

Price, each 60c.

FRENCH PRUNE. Medium size, violet purple; rich and sugary. A standard variety for drying.

SUGAR. Large, dark purple with white bloom, flesh yellow and sugary. A favorite for drying.

TRAGEDY. Medium size, dark purple; flesh greenish yellow, rich and sweet.

Quinces

PINEAPPLE. Large, flavor has a suggestion of pineapple; a good bearer. Each, $75c.

Walnuts

Price, each 75c.

EUREKA. Nuts large, soft shelled, of fine quality. Blooms late and is especially desirable for cold sections. Grafted on California Black root, 4 to 6 ft. Each $3.50; 6 to 8 ft. each $5.00.

PLACENTIA PERFECTION. The standard variety in Southern California. Nuts large, full, white meat, extra fine quality. Trees grafted on California Black Walnut root 4 to 6 feet, each $1.50; 6 to 8 feet, each $2.00.

BLACKBERRIES

CORY’S MAMMOTH THORNLESS. A vigorous grower, often making a growth of 20 to 25 feet in one season. The berries are very large, with few seeds, and of delicious flavor. Many growers consider it the best blackberry ever introduced. vines thornless, which is a great advantage. Each 50c; per doz. $2.00.

CRANDELL’S EARLY. Large, firm; early; bears through the entire blackberry season. Each 15c; per doz. $1.50.

MAMMOTH. It bears very early and is exceedingly productive. The fruit is very large, often 2 1/2 inches long, and of delicious flavor. Each 20c; per doz. $2.00.

HIMALAYA GIANT. Introduced some years ago from the Himalaya mountains. It is of remarkably rapid growth, the canes sometimes reaching 40 feet in one season. The plants should be trained over a trellis and carefully pruned during the winter. It is a heavy bearer, the berries are large, with few seeds and stand shipping well. Each 50c; per doz. $2.00.

Curtains

Price, each 35c; per doz. $3.50.

FAY’S PROLIFIC. Large, deep red; a standard sort.

WHITE GRAPE. Large, yellowish white; the best of the white varieties.

Dewberries

GARDENA. Large, glossy black; rich flavor, good bearer. Each 15c; per doz. $1.50.

Gooseberries

Price, each 35c; per doz. $3.50.

OREGON CHAMPION. Very large; brownish-red, very sweet and one of the best for table use and for pies; a strong grower and good bearer.

SMALL FRUITS

Guava

STRAWBERRY. Fruit round, deep claret color, of strawberry flavor. Very rich and extremely juicy; rots early; serves; also good for eating in the fresh state. In cal. cans. Each 50c.

LICHON. Fruit yellow, pear-shaped; valuable for jellies and preserves. In cal. cans. Each 75c.

Loganberry

LOGAN BERRY. A hybrid between the raspberry and blackberry. Fruit dark red, often 1/2 inches long and produced in immense clusters. In flavor it parallels both the raspberry and blackberry, a mild, pleasant, vinous flavor delicious and peculiar to this berry alone. Excellent for the table, jams or jellies. Each 25c; per doz. $2.00.

Raspberries

ST. REGIS. The earliest red raspberry. It begins to ripen in April and continues through the entire berry season. Prolific and of good quality. Each 15c; per doz. $1.50.

Strawberries

CAROLINA. The new strawberry for California. Very early and will bear a crop 8 to 12 weeks after transplanting. A continuous bearer of fine large red berries and does better in California than the so-called everbearing varieties. Per doz 25c; per 100 $2.00; per 1000 $15.00.

KLONDYKE. Very uniform, rich blood red, juicy and of delicious flavor; medium early. This variety is of recent introduction and is becoming very popular here. Per doz 25c; per 100 $2.00; per 1000 $15.00.

PROGRESSIVE. Medium size, deep red, firm, rich flavor. A strong grower and bears almost continu-
Complete Equipment for Garden Maintenance

All steel transplanting trowel .......... 35c

All steel garden trowel .......... 35c

Revolving Sprinkler, $1.25 each

All steel claw weeder .......... 35c

Note. We stock many different types of sprinklers to meet all requirements. Write for prices and description.

Imported best steel Budding Knives, $2.25 each

Imported best steel Garden Knives, many sizes, 75c to $2.50

Imported Pruning Shears—handy in many ways—$2.50 each

Rich Bermuda Grass Rake, $5.00
Rich Lawn Comb .......... 3.00

Gopher Gun, $2.00—Shells, 10 for 25c

Mole Trap $1.35

Perfection Compressed Air Sprayer
Galv.—2-3 gal. $6.75. Brass $8.75
" 4 " 8.00 " 10.50

Hand Sprayers. Pint size 45c; quart 65c

Bulb Catalogue. Every fall I publish a catalogue of bulbs, giving cultural directions for same. This also contains a large list of flower seeds for fall sowing. Mailed free upon request.

Books of Merit for the Amateur or Professional Gardener

California Garden Flowers W. C. Wickson $2.00
California Vegetables W. C. Wickson 2.50
California Fruits: How to Grow Them W. C. Wickson 4.00
Henderson's Fruit Growers' Guide 4.00
Tropical and Sub-Tropical Fruits Popenoe $5.00
The Rose Book Thomas 3.00
The Nursery Book Bailey 3.00
The Pruning Book Bailey 3.00
Standard Cyclopedia of Horticulture 3 vols. 29.00
Illustrated Flora of the Pacific States, Vol. I Abrams 9.00

California Wild Flowers, Their Culture and Care. A treatise describing over a hundred species, with a few notes on their habits and characteristics. Mailed upon receipt of 15c.

Eucalyptus Timber Culture. I publish in separate pamphlet form the pages in this catalogue, devoted to Eucalyptus culture. Mailed free upon request.

Bulb Catalogue. Every fall I publish a catalogue of bulbs, giving cultural directions for same. This also contains a large list of flower seeds for fall sowing. Mailed free upon request.
Visit the Nursery and Display Grounds

INTENDING planters are urged to visit the nursery and display grounds at 2969-2999 Los Feliz Boulevard, where they may select at leisure and with care the plants or trees best suited to their requirements. Courteous, well informed nurserymen will help to solve the many problems that confront the average planting scheme; the what, when, and how to plant, and where; the deciduous and evergreen; the color, form and foliage best suited to shady places, to sunny places, on hillsides or in dry locations; the ultimate growth of selected varieties, and dozens of other important considerations that must be correctly determined if the final effect is to be satisfactory.

Here, too, will be found an assortment of exotic and native trees, plants and shrubs, roses, annual and perennial flowering plants, bedding and border plants, ferns and palms, wherein a most exacting or most trivial desire may be gratified—easily and pleasurably.

Drive out when the planting urge is upon you, or in when driving by.

How to Reach the Nursery and Display Grounds

BY AUTOMOBILE

From Downtown Section. Through Second Street Tunnel out Glendale Boulevard to Riverside Drive, which is just before crossing the river bridge. Turn left to Los Feliz Boulevard and right to nursery.

Western and Southwestern Sections. North on Vermont or Western Avenues to Los Feliz Boulevard, turn to right and follow through lower portion of Griffith Park to the nursery on the left hand side of the boulevard.

Eastern and Southeastern Sections. Drive crosstown to Vermont or Western Avenues and follow as above, or through Second Street Tunnel out Glendale Boulevard to Riverside Drive, which is just before crossing the river bridge. Turn left to Los Feliz Boulevard and right to nursery.

Northern and Northeastern Sections. Drive out San Fernando Road to Los Feliz Boulevard, which is three blocks beyond the Pacific Electric tracks in Glendale. Turn left. Nursery is on the right hand side, one long block beyond the Southern Pacific tracks.

Pasadena and San Gabriel Valley. West on Colorado Boulevard to Brand Boulevard in Glendale. South on Brand Boulevard to Los Feliz Boulevard and west to the nursery, one long block beyond the Southern Pacific tracks on the right hand side.

San Fernando Valley Section. Drive south on San Fernando Road to Los Feliz Boulevard. Turn right. Nursery is one long block beyond the Southern Pacific tracks, on the right hand side. Via Ventura Boulevard, drive south over Cahuenga Pass to Hollywood Boulevard, turn left to Western or Vermont Avenue, again left to Los Feliz Boulevard and right to the nursery.

BY STREET CAR OR BUS

Take Glendale car from new Subway Station on Hill Street, between Fourth and Fifth Streets. Get off at Atwater Station, cross tracks and walk north on Boyce Avenue to the nursery. Pasadena-Hollywood-Ocean Park bus stops at the entrance.

THEODORE PAYNE
2969-2999 Los Feliz Boulevard
Telephone OLYMPIA 3609
Los Angeles