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DESCRIPTIVE CATALOGUE
OF THE &

WILLADEAN NURSERIES

SPARTA 
KENTUCKY

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MAY 20 192



HOW TO DO BUSINESS WITH THE WILLADEAN NURSERIES

When to Order

Our spring shipping season begins March 1 and ends June 1. In the fall it begins in August and ends December 15. During this time we have a rush of business and all orders are filled on the principle of "first come, first served." Therefore, send your order early; the earlier, the better both for you and us.

How to Order

Look over this catalogue, write down the names, sizes, and prices of the trees and plants you want, tell us how many, and mail it direct to us. We will attend to it promptly. If your shipping point differs from your post office, be sure to tell us.

Prices

All prices in this catalogue are f. o. b. except in the few cases noted. They are as low as we can make them and we cannot prepay any charges unless enough money is sent to cover them.

Cash with Order

In all cases we request that you send cash direct with order. If shipment is to go prepaid, include enough to cover charges.

How to Send Money

Express Money Order, Bank Draft, or Registered Letter. If the goods are to be sent by Parcel Post, add enough to pay postage. If you send too much, the balance will be promptly returned to you.

Complaints

We sometimes make mistakes (everybody does for that matter) and we are always glad to rectify them, but all errors and omissions must be called to our attention immediately on receipt of the goods.

Responsibility

We always do the best we can to send our patrons the highest quality of trees and plants that we can produce. We do not guarantee them nor do we assume any responsibility after the goods leave our nurseries, for conditions always exist over which we have no control. In all agreements it is mutually understood between the buyer and us that we shall not be held responsible for any amount greater than the original price.

Correspondence

If you want to know more about any of the trees and plants listed in this catalogue, write us. We give all inquiries prompt attention, and will answer you fully and frankly. If you have some planting problem that you do not fully understand and want an expert plantsman's opinion, write us fully and we will do our best to help you out of your difficulty.

Address all your letters, orders, or inquiries to

WILLADEAN NURSERIES, SPARTA, KENTUCKY

We allow 2 per cent discount, if cash accompanies the order.

When ordering please state if you want order shipped by freight or express. If there is more than one express or railroad at your place, advise by which express company, or over what railroad you prefer shipment made. Our prices are given, for each, for 10, and per 100. Five trees or plants will be furnished at the 10 rate, thirty plants or more at the 100 rate and 300 plants at the 1,000 rate.

Always give your name in full, street number or post office box, post office, county and state, as we often have correspondence where no street number or town is given.

We hope to be favored with your patronage, and promise that we will use our best efforts to please and give satisfaction.



Office of Willadean Nurseries looking North

Who We Are and What We Do

EIGHTEEN YEARS of continued growth and better service have seen our nursery grow from a humble start of four acres to 155 acres. We could not have grown so rapidly had it not been for the way we treat our customers, both in our dealings and in the quality of the stock we send out. For eighteen continuous years we have given good service to our customers, and have sent them the kind of trees and plants that grow. Hence it has become necessary to issue this book—our first extensive catalogue. The proprietor and manager of the Willadean Nurseries is Mr. J. F. Donaldson. Mr. Donaldson has a lifetime experience in growing plants that make good. He founded the Willadean Nurseries, and under his guidance it has advanced with great strides. Mr. Donaldson gives his personal attention to the business and when you ask for planting information you get the benefit of his many years of growing satisfactory plants.

Willadean Plants Are Hardy

SPARTA is subject to sudden and severe climatic changes, and any plant that will live and thrive here will do well elsewhere. Philadelphia and Boston are considerably further north but plants that thrive in the vicinities of those cities die in Sparta's wintry weather.

Our soil here is a mixture of sandy loam and clay, and these materials make for hardy plants and strong fibrous root-systems. We ship plants to every state in the country, and even under the widely varying climatic conditions Willadean plants bear up well and give good results. Our shipping facilities are excellent. Our spring season begins about March 1 and continues until about June 1. Our fall season begins August 1, when we commence to ship evergreens, and from October 1 to December 15 we ship deciduous trees, shrubs, etc.

What Willadean Service Is

WHEN we say we serve you, we mean just that. If you are undecided what will look well on your grounds, write us. Tell us what kind of soil you have, the size of the ground, and give us a general idea of the layout. A rough

pencil sketch will give us an idea of what your grounds look like. Don't bother with an elaborate drawing; a rough sketch will do. Without cost to you we will advise you what to plant, taking into consideration location, climate, and soil. By doing this you get the advice and suggestions of experienced plantsmen who will cheerfully give you the information they have gathered from many years of work with plants. We will recommend only plants that we know will do well under your conditions.

Come to Sparta

WE are located so favorably both to Cincinnati and Louisville that it is an easy matter to reach our nurseries. We are on the Louisville & Nashville Railway, forty-five miles south of Cincinnati, and sixty-five miles north of Louisville. Covington, Dayton, and Newport are practically the same distance away as Cincinnati; so the Willadean Nurseries are easily accessible.

Take a day off and come to Sparta, where you can see how we do things. Then, if you wish, you may select your plants direct from the nursery rows. As you select your plants, they will be marked, and when you give us the word, they will be dug and shipped to you.



A handsome evergreen planting showing Deodar Cedar, Koster's Blue Spruce, Retinospora filifera, Red Cedar and Arborvitæ

EVERGREEN TREES

For ornamental planting, evergreen trees are always dependable. They are hardy and readily take their proper place in any landscape scheme. For massed plantings they are more desirable than deciduous trees, while for specimen planting they also have a high value. In massed plantings a good method is to set out a few tall-growing varieties with lower growers in front.

Owing to the structure of the soil, our evergreens dig out with an excellent ball of earth around the roots. This protects them in transit and makes them come through the transplanting stage with flying colors.



Abies concolor (White Fir). A good specimen tree

ABIES • Fir

Abies concolor. White Fir. A very hardy and graceful tree. Foliage heavy, bright green; cones usually purple. Grows rapidly and to considerable height. An excellent landscape tree.

	Each	10
3 to 3½ feet.....	\$3 50	
2 to 3 feet.....	2 50	\$24 00

BIOTA • Chinese Arborvitæ

Biota filiformis. A recent and valuable introduction. The foliage is bright green and in thread-like, pendulous strings. Somewhat dwarf and quite compact.

	Each	10
3 feet.....	\$3 50	\$30 00

B. aurea nana. Fine plant of dwarf habit, compact and bushy. Always beautiful, rich golden-tipped foliage.

	Each	10
12 to 15 inches.....	\$1 25	\$10 00
15 to 18 inches.....	1 50	12 50
18 to 24 inches.....	2 00	17 50

CRYPTOMERIA • Japanese Cedar

Cryptomeria Lobbii. A slender tree, with deep, lustrous green foliage, changing to a tan-brown in fall. A rapid grower, and a very good tree for mass plantings with other varieties. In fall and winter its tan foliage contrasts wonderfully with the Blue Spruce.

	Each	
3 feet.....		\$2 50



A field of Junipers at Sparta. How many shall we send you?

CUPRESSUS · Cypress

Cupressus Lawsoniana. *Lawson's Cypress.* A hardy, rapid-growing tree, with light, feather-like foliage of bluish shining green. The branches are somewhat drooping. A good lawn tree and especially valuable in specimen plantings.

	Each	10	
2½ to 3 feet.....	\$1 25	\$10 00	

JUNIPERUS · Juniper

Juniperus canadensis. A splendid tree for mass plantings. A low grower, spreading nearly as far as its height. Foliage is a clear silvery green. An excellent effect is obtained when planted with darker-foliaged trees.

	Each	10	
2 to 2½ foot spread.....	\$1 50	\$14 00	
1½ to 2 foot spread.....	1 25	12 00	

J. chinensis aurea. *Golden Chinese Juniper.* This is one of the finest evergreens for either mass or specimen planting. Foliage golden yellow. Tree is a compact grower of medium height. Clean-cut pyramidal outline.

	Each	10	
2 to 2½ feet.....	\$2 50	\$24 00	

J. chinensis Pfitzeriana. An excellent tree for both mass and specimen planting. Foliage is silvery green, with white markings on under side; light and thread-like.

	Each	10	
2½ to 3 feet.....	\$2 50	\$24 00	

J. chinensis procumbens. *Procumbent Chinese Juniper.* A shrubby variety of trailing habit. Foliage green, and quite dense. Good for covering banks, and for edging.

	Each	10	
2 to 2½ feet spread.....	\$2 50	\$22 50	

J. chinensis procumbens aurea. A small tree, with beautiful golden foliage, closely appressed to branches like *Hibernica*. Spreading habit. Equally good in mass or specimen plantings. The foliage makes a pleasing contrast when the tree is planted near some dark-foliaged variety.

	Each	10	
2 to 2½ feet.....	\$2 00		
1½ to 2 feet.....	1 50	\$14 00	

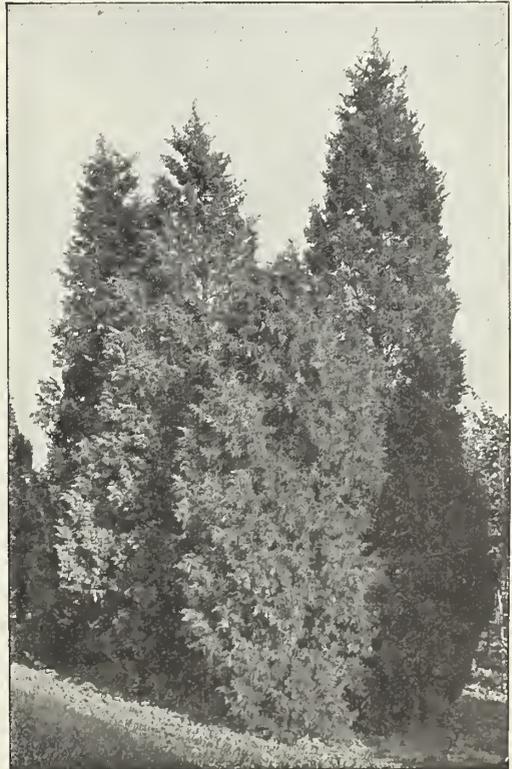
J. communis. *English Juniper.* A low-growing Juniper of somewhat prostrate habit. Foliage is a bright lustrous green. Should be used in mass plantings in front of some taller-growing varieties, or where its bright foliage will be given prominence by comparison with dark trees.

	Each	10	
4 to 5 feet.....	\$2 50	\$22 50	
3 to 4 feet.....	2 00	17 50	

JUNIPERUS, continued

J. communis depressa. A shrubby bush rarely exceeding 4 feet in height. Very spreading, and will cover quite a large patch of ground. The foliage is dark green, short and thick. Useful for edging and in mass plantings. Very pleasing appearances are obtained when planted in front of taller varieties in masses.

	Each	10	100
1½ to 2 feet.....	\$1 50	\$14 00	
15 to 18 inches.....	1 25	12 00	\$100 00



Juniperus virginiana (Red Cedar)



Compact Savin Juniper

JUNIPERUS, continued

J. communis hibernica. *Irish Juniper.* One of the finest Junipers for ornamental planting. The trunk is straight, and the branches very closely appressed to the trunk, giving the tree a formal and columnar appearance. Foliage sea-green. Each 10 100
 4 to 5 ft. \$2 50 \$22 50
 3 to 4 feet. 1 50 12 50 \$100 00
 2 to 3 feet. 1 00 9 00 75 00

J. neaboriensis. A densely foliated tree of medium height. Foliage is an attractive sea-green. Each 10 100
 1 to 1½ feet. \$1 00

J. Sabina. *Compact Savin Juniper.* A low grower of somewhat bushy habit. Foliage dark green and dense. For rockeries and mass plantings. Each 10 100
 2½ to 3 feet. \$2 50 \$24 00
 2 to 2½ feet. 2 00 17 50
 1½ to 2 feet. 1 25 10 00

J. Sabina tamariscifolia. *Gray-carpet Juniper.* A trailing variety of Sabina. Foliage grayish green. Good for edgings or terraces. Each 10 100
 1½ to 2 foot spread. \$1 50 \$14 00 \$125 00
 15 to 18 inch spread. 1 25 12 00

JUNIPERUS, continued

J. squamata. Somewhat similar to Procumbens, but more compact in habit. Hardy and vigorous. Each 10
 12 to 15 inch spread. \$1 25 \$12 00

J. virginiana. *Common Red Cedar.* Foliage bright green, changing to bright brown in winter. Grows to medium height. Compact and good for mass planting. Each 10 100
 6 to 7 feet. \$3 00 \$27 50
 5 to 6 feet. 2 50 24 00 \$200 00
 4 to 5 feet. 2 00 17 50
 3 to 4 feet. 1 00 9 00 75 00

J. virginiana Cannartii. Grows to medium height. Foliage dark green and compact. Branches slightly pendulous. Very symmetrical form. Good for mass and specimen planting. Each 10 100
 3 to 4 feet. \$2 75
 2 to 3 feet. 2 00 17 50 \$150 00

J. virginiana elegantissima. *Golden Cedar.* A handsome tree, with golden brown foliage. Erect and columnar in appearance, making it a good tree for specimen planting where a formal effect is wanted. Each 10
 3 to 4 feet. \$3 50 \$32 50
 2 to 3 feet. 2 25 20 00

J. virginiana glauca. *Blue Red Cedar.* The leading Cedar for specimen planting. Foliage bright silvery blue. Tree is pyramidal in outline. A beautiful variety worthy of wide planting. Each 10 100
 5 to 6 feet. \$5 00 \$45 00
 4 to 5 feet. 3 50 30 00 \$280 00
 3 to 4 feet. 2 50 22 50 \$210 00
 2 to 3 feet. 1 75 16 50

J. virginiana pendula. *Weeping Red Cedar.* A spreading variety, with slender pendulous branches. Foliage is heavy, bronzy green. Is especially valuable in specimen plantings. Each 10 100
 5 to 6 feet. \$5 00 \$45 00

J. virginiana Schottii. An upright, symmetrical tree of variable growth. Branches are slender. Foliage light green and fern-like. Best for specimen planting. Each 10
 4 to 5 feet. \$3 50 \$32 50
 3 to 4 feet. 2 50 22 50
 2 to 3 feet. 1 50 12 50

J. virginiana tripartita. A bushy tree, with stiff, prickly, grayish green foliage. Its habit is spreading. Useful in mass plantings. Each 10
 2½ to 3 feet. \$2 50 \$22 50



Foundation planting of Juniperus tamariscifolia (Gray-carpet Juniper) at F. M. Sacketts', Louisville, Ky.



Mass planting of *Picea pungens glauca Kosteri* (Koster's Colorado Blue Spruce). See page 6

PICEA · Spruce

***Picea alba*. White Spruce.** A very attractive tree of compact pyramidal form. Foliage is silvery gray. Grows to about 40 feet. Good for mass plantings.

	Each	10	
3 to 4 feet.....	\$2 00	\$17 50	

***P. excelsa*. Norway Spruce.** A handsome tree widely used for Christmas trees. Foliage is dark, shining green. The tree grows to considerable height. Has numerous uses, being valuable for hedges, or mass and specimen planting. Extremely hardy.

	Each	10	100
6 to 7 feet.....	\$5 00	\$45 00	
5 to 6 feet.....	3 50	32 50	\$300 00
4 to 5 feet.....	2 25	20 00	
3 to 4 feet.....	1 50	12 50	
2 to 3 feet.....	75	6 50	55 00
1½ to 2 feet....	50	4 00	35 00

***P. excelsa pendula*.** Known as the Weeping Norway Spruce, and resembles it, but the foliage is a lighter green. The branches grow straight out from the trunk and droop gracefully at the ends. More valuable in specimen plantings than in masses.

	Each	10
5 to 6 feet.....	\$4 00	\$37 50

***P. excelsa pyramidalis*.** A tall-growing tree, of slender pyramidal shape. Commonly known as Pyramidal Norway Spruce. Excellent in specimen planting, but can be used as the central figure in mass planting.

	Each	10
5 to 6 feet.....	\$4 00	

***P. excelsa Remontii*.** In many respects similar to Excelsa, except in habit. Remontii is a dwarf tree and somewhat spreading. It is a beautiful tree of compact form. Good for mass plantings, where it should be set in front of taller-growing sorts.

	Each	10
1½ to 2 feet.....	\$2 50	\$24 00
15 to 18 inches.....	2 00	17 50

PICEA, continued

***P. nigra Mariana*.** A handsome tree of variable outline. The base is spreading while the head is usually slender. Foliage is light, and bluish green in color. Excellent for mass or specimen planting.

2½ to 3 feet.....	Each	\$3 00
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***P. orientalis*. Oriental Spruce.** A very graceful tree of tall growth. Its form is broadly pyramidal. Foliage is dark green and shining. The branches start close to the ground. One of the leading trees for specimen planting.

	Each	10
2 to 2½ feet.....	\$2 00	\$17 50



Picea excelsa (Norway Spruce)



A specimen of Pinus Strobus (White Pine)

PICEA, continued

P. pungens glauca Kosteri. *Koster's Blue Spruce.* Perhaps the most beautiful evergreen grown. Grows to medium height and always preserves its handsome pyramidal shape. The foliage is a clear even shade of blue, which causes it to stand out well in comparison with other evergreens. For specimen planting or for massing in front of darker leaved evergreens, Koster's Blue Spruce has no competitor anywhere.

	Each	10	100
4 to 4½ feet.....	\$6	50	
3 to 4 feet.....	4	00	\$37 50
2½ to 3 feet.....	3	50	32 50
2 to 2½ feet.....	3	25	30 00 \$275 00

PINUS · Pine

Pinus austriaca. *Austrian Pine.* A handsome tree of graceful growth. Foliage is a very deep green, stiff and prickly. A very hardy tree, and worthy of a place on your lawn. Best for specimen planting. Our large trees are beauties.

	Each	10	
6 to 7 feet (Specimens).....	\$7	50	
2 to 3 feet.....	1	25	\$12 00

P. Banksiana. *Jack Pine.* A low-growing tree of bushy habit. Foliage is a pleasing bright green. A very hardy variety, and suitable for mass planting but not out of place in specimen plantings. This is, perhaps, the best of the timber Pines.

	Each	10	
5 to 6 feet.....	\$3	00	\$28 00
2 to 2½ feet.....	1	25	10 00

P. densiflora. *Japanese Red Pine.* Foliage bright green. A rapid-growing tree of variable height. Recommended for mass planting.

	Each	10	
2 to 2½ feet.....	\$1	75	\$15 00

P. Mughus. *Dwarf Mugho Pine.* A low tree of dense compact habit. Foliage is a deep dull green. The tips of the branches are curved upward. A spreading tree for specimen planting, but also good for massing.

	Each	10	
2 to 2½ feet.....	\$3	00	
1½ to 2 feet.....	2	25	\$20 00
15 to 18 inches.....	1	50	14 00

PINUS, continued

P. Strobus. *White Pine.* A very hardy tree of open growth. The foliage is bright green and droops gently, but not enough to present a weeping appearance. The bark is smooth and very dark. A fine tree for specimen planting. We have some that are large enough to give a good landscape effect almost as soon as set out.

	Each	10	
8 to 10 feet.....	\$6	00	\$55 00
6 to 8 feet.....	5	00	45 00
5 to 6 feet.....	3	00	28 00
4 to 5 feet.....	2	00	18 00
3 to 4 feet.....	1	50	14 00
2 to 3 feet.....	\$80	per 100	1 00 9 00

P. sylvestris. *Scotch Pine.* A graceful tree with round, shapely head. Leaves are bluish green and rather stiff. Tree is a rapid grower and reaches considerable height. An open tree especially valuable for specimen planting. Widely planted as a timber tree.

	Each	10	100
8 to 10 feet.....	\$10	00	
6 to 8 feet.....	5	00	
2 to 3 feet.....	1	00	\$9 00 \$75 00

P. Thunbergii. A giant tree growing to 120 feet in height. Its habit is broad and spreading, pyramidal in outline. Leaves stiff, pointed, grayish green. Perfectly hardy. A fine specimen tree, and also good in landscaping.

	Each	10	
2 to 2½ feet.....	\$2	00	\$17 50

RETINOSPORA · White Cedar

Retinospora ericoides. A most beautiful tree the year round. In summer the foliage is nearly violet, turning to green in winter. Grows to variable height. Form pyramidal and habit compact. Good for specimen plantings.

	Each	10	
2 to 2½ feet.....	\$2	25	\$20 00
1½ to 2 feet.....	1	25	10 00
15 to 18 inches.....	1	00	8 00

R. filifera. Bright, shiny green foliage and thread-like, drooping branches make this tree especially valuable for specimen planting.

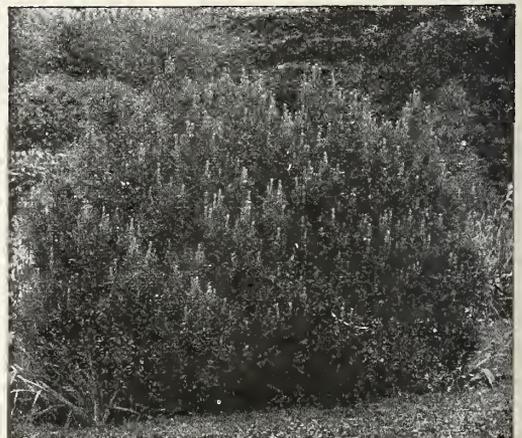
	Each	10	
2 to 2½ feet.....	\$2	00	\$17 50
1½ to 2 feet.....	1	50	14 00

R. obtusa. A low, graceful tree, with bright green foliage. The branches are slightly pendulous. Recommended for specimen planting. It is also good for planting where a low hedge is wanted.

	Each	10	
3 to 3½ feet.....	\$2	75	\$25 00

R. obtusa Crippsi. Perhaps the most beautiful Retinospora. The foliage is a wonderful golden yellow, becoming brighter in spring. One of the finest evergreens you can use in specimen planting. Very rare and hardy.

	Each		
15 to 18 inches.....	\$2	00	



Pinus Mughus (Dwarf Mugho Pine)

RETINOSPORA, continued

R. obtusa gracilis. A dense compact tree of dwarf habit. Foliage is dark green, clear and lustrous. Branches are closely appressed; erect, but drooping at the tips. Good for specimens and hedges. Each 10
2 to 2½ feet.....\$1 75 \$15 00

R. obtusa nana. A dwarf variety. Foliage dark green, dense, and compact. Good for porch or lawn decoration as specimen plants. Each 10
15 to 18 inches.....\$2 25

R. pisifera. *Sawara Cypress.* A medium-sized tree with erect, compact branches. Foliage is dark green and presents a very pleasing contrast when the tree is planted in front of brighter colored evergreens. A formal tree of pyramidal outline. Each 10
5 to 6 feet.....\$5 00 \$45 00
3 to 4 feet.....2 00 18 00

R. pisifera aurea. In habit this tree is similar to the above. Foliage is feathery and a deep golden color. A beautiful tree for specimen planting. Each 10
5 to 6 feet.....\$5 00 \$45 00
4 to 5 feet.....4 00 37 50
2 to 3 feet.....2 00 17 50

R. pisifera sulphurea. The foliage of this handsome tree is a fine bright sulphur-yellow. In habit it is similar to *Pisifera*. Useful in specimen planting. Dwarf habit of growth. Each 10
2 to 2½ feet.....\$1 50 \$14 00

R. plumosa. *Plume Cypress.* An erect tree, with slender, erect branches and dense, feathery, dark green foliage. A very attractive tree for either hedge or specimen planting. Each 10
5 to 6 feet.....\$6 00
4 to 5 feet.....5 00
3 to 4 feet.....3 00
2 to 3 feet.....2 00 \$17 50

R. plumosa aurea. *Gold-plumed Cypress.* In most respects similar to the above. Foliage is a beautiful golden yellow. A very popular evergreen and widely used in specimen planting. Each 10
4 to 5 feet.....\$5 00
3 to 4 feet.....3 00 \$28 00
2 to 3 feet.....1 75 15 00



Thuya occidentalis (American Arborvitæ)

SCIADOPITYS • Japanese Umbrella Pine

Sciadopitys verticillata. A tall majestic tree. Foliage is shimmering green on the upper side, but silvery gray with a white line underneath. Tree grows straight and has an umbrella-like appearance. Each 10
1½ to 2 feet.....\$2 50

TAXUS • Yew

Taxus cuspidata. *Japanese Yew.* A very hardy tree growing to variable height. Foliage is deep green and neat appearing. Can be used to best advantage in hedges. Each 10
2 to 3 feet.....\$2 50 \$22 00
1½ to 2 feet.....1 50 14 00

T. cuspidata brevifolia. A dwarf variety of Japanese Yew. The branches are long and spreading, covered with deep green leaves. Each 10
2 to 2½ feet.....\$3 00 \$28 00
1½ to 2 feet.....2 00 18 00

T. hibernica. *Irish Yew.* An attractive slow-growing tree of pyramidal outline. The trunk is straight and the branches are erect and closely appressed. The leaves are a clear shiny green. An excellent specimen tree widely used in cemeteries or other places where a very formal effect is desired. Each 10
3 to 3½ feet.....\$4 00 \$37 50

THUYA • Arborvitæ

Thuya occidentalis. *American Arborvitæ.* A hardy tree, with somewhat spreading base, but of a pronounced pyramidal outline. Foliage is bright green, with a golden touch on under side. Each 10 100
6 to 7 feet.....\$4 50 \$40 00
5 to 6 feet.....3 00 27 50
4 to 5 feet.....2 25 20 00 \$175 00
3 to 4 feet.....1 00 9 00 75 00
2 to 3 feet.....80 7 00 55 00

T. occidentalis Columbia. A strong, vigorous tree, with spotted silvery foliage. A spreading variety much used as specimen plants on lawns, etc. Each 10
2½ to 3 feet.....\$2 50 \$22 50



Retinospora filifera. Valuable for specimen planting

THUYA, continued

T. occidentalis Ellwangeriana. This variety forms a low-spreading pyramid. Branches are slender and densely covered with variegated bluish purple foliage. Makes a fine tree for lawn planting and is desirable as specimen plants.

	Each	10	
2 to 2½ feet.....	\$1 25	\$12 00	
1½ to 2 feet.....	1 00	9 00	

T. occidentalis globosa. A handsome tree, with a round compact head. Foliage dark green and very dense. Good as specimens or porch decorations.

	Each	10	
1½ to 2 feet.....	\$1 50	\$12 50	
15 to 18 inches.....	1 00	9 00	

T. occidentalis Hoveyi. A small globe-shaped variety, with dark green foliage. Very dense and compact. Used as specimens.

	Each	10	
2 to 2½ feet.....	\$1 50	\$12 50	
1½ to 2 feet.....	1 00	9 00	

T. occidentalis lutea. *George Peabody's Arborvitæ.* Pronounced by many the most beautiful Arborvitæ. Its form is a broad pyramid, and it is densely covered with clear golden yellow foliage. For single specimens on lawns this tree has no superior. Considered to hold its color better than other golden Arborvitæ.

	Each	10	
3 to 4 feet.....	\$3 00	\$27 50	
2 to 3 feet.....	2 00	17 50	

T. occidentalis pyramidalis. *Pyramidal Arborvitæ.* This is one of the most shapely evergreens, having a uniform pyramidal outline which it retains at all times. Foliage is light green. Branches are numerous and dense. An excellent ornamental tree for specimen planting, as popular as the American Arborvitæ.

	Each	10	
5 to 6 feet.....	\$3 50	\$32 50	
4 to 5 feet.....	2 50	22 50	
3 to 4 feet.....	1 75	15 00	
2 to 3 feet.....	\$60 per 100.	1 00	8 00

T. occidentalis Reidii. A dwarf form, with spreading branches. Foliage is deep green and holds its color well all the year. Plant in masses or hedges.

	Each	10	
2 to 2½ feet.....	\$1 25	\$12 00	



Siberian Arborvitæ

THUYA, continued

T. occidentalis Rosenthalii. Very dense dark green foliage on numerous branches, making a tree of compact habit. A good specimen tree.

	Each	10	
2½ to 3 feet.....	\$2 50	\$24 00	

T. occidentalis Vervæneana. A very compact form, with slender branches and bronzy yellow foliage becoming deeper in winter. A good specimen tree.

	Each	10	
3 to 4 feet.....	\$3 00	\$28 00	
2 to 3 feet.....	1 75	15 00	

T. spicata aurea. A very desirable variety of handsome pyramidal form. Foliage is dark green in winter and light golden in summer.

	Each	10	
2½ to 3 feet.....	\$2 50	\$22 50	

T. Wareana lutescens. Fine compact form, and shapely pyramidal outline. Foliage is a bright sulphur-yellow becoming darker in autumn. An excellent tree for shady places. Does not grow well in full sun.

	Each	10	
2 to 2½ feet.....	\$1 75		
1½ to 2 feet.....		1 25	

TSUGA · Hemlock Spruce

Tsuga canadensis. *Common Hemlock.* A medium-sized tree, with slender drooping branches. Small leaves of dull green. A very graceful tree and a credit to any lawn. Use in specimen planting.

	Each	10	
5 to 6 feet.....	\$5 00		
4 to 5 feet.....	4 00	\$38 00	
3 to 4 feet.....	3 00	27 50	
2 to 3 feet.....	1 50	12 50	

T. canadensis Sargentii pendula. A very beautiful tree of pronounced weeping habit. Foliage is sea-green and dense. Growth is rather compact. An excellent lawn tree.

	Each	10	
2½ to 3 feet.....	\$4 00	\$38 00	

T. caroliniana. *Carolina Hemlock.* In a few ways this tree resembles Canadensis, but it is of more compact growth, and the foliage is a darker green. A fine-appearing tree on any lawn. Our plants of this variety are perfect.

	Each	10	
3 to 3½ feet.....	\$4 00	\$37 50	

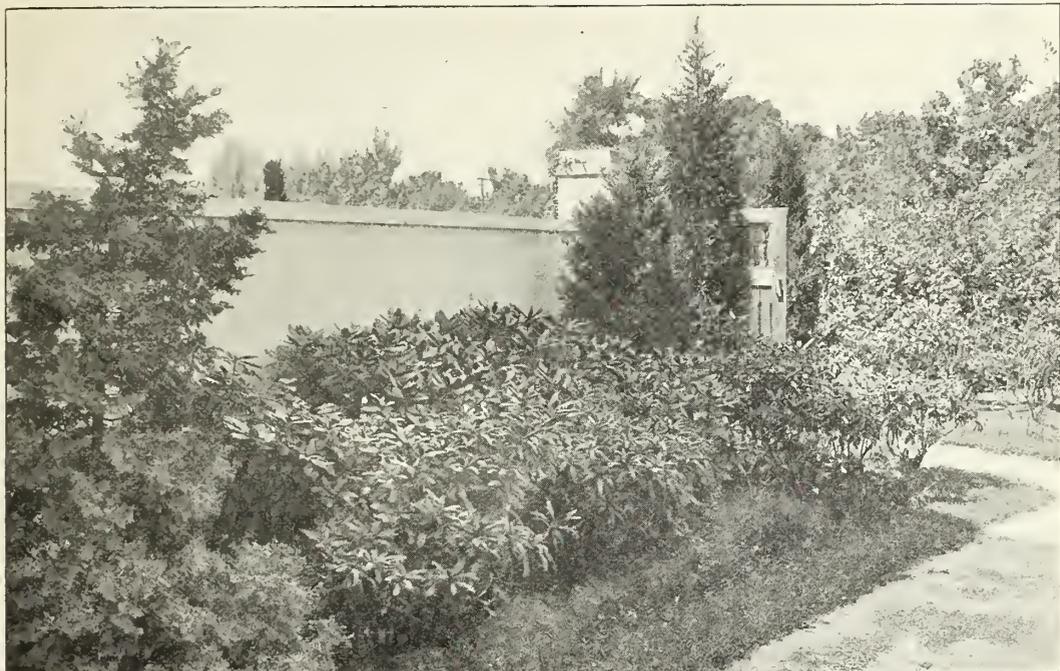
THUYOPSIS · Cypress

Thuyopsis Standishii. *Standish's Sitka Cypress.* A large tree, with pendulous branches. Leaves are thick and broad and deep green in color. Rare, and excellent for specimen planting.

	Each	10	
3 to 3½ feet.....	\$3 00	\$28 00	
2½ to 3 feet.....	2 25	20 50	



A specimen of Tsuga canadensis (Hemlock Spruce)



Effective use of Rhododendrons at home of F. M. Sacketts, Louisville, Ky.

EVERGREEN SHRUBS

These beautiful plants, of which the Rhododendron is considered the best, are among the headliners of ornamental shrubs. They are always in good taste, and their hardiness makes them valuable over a wide range of territory. Evergreen Shrubs require but very little care to make them grow and bloom, but like everything else that grows, good care will make them produce the best results. Whenever possible to plant in masses, we recommend it, for this method always shows them off to best advantage. This scheme is especially good for small shrubs, while the larger ones, such as the lilacs, make good specimens.

ABELIA

Abelia chinensis (*A. rupestris*). A graceful shrub, with long drooping branches. Foliage is a very deep green and so dense as nearly to cover the branches. Blooms all summer; flowers numerous, light pink. A useful shrub for hedges or for mass or specimen planting.

	Each	10	
2 to 2½ feet.....	\$1 00	\$7 50	
1½ to 2 feet.....	75	5 00	
15 to 18 inches.....	60	4 50	

ANDROMEDA

Andromeda Catesbæi (*Leucothoe Catesbæi*). The foliage is variegated, turning to bronze in fall and winter. Flowers white. A low-growing shrub much used in border planting and under trees. A very pretty shrub.

	Each	10	100
2 to 2½ feet.....	\$2 00	\$16 00	\$120 00
1½ to 2 feet.....	1 50	12 00	90 00

A. floribunda. A low, round-headed shrub, with small dark green leaves borne in great numbers. Flowers are clear white, borne in dense clusters. A very pretty shrub and useful for massing and edging.

	Each	10	100
18 to 24 inches.....	\$1 75	\$14 00	\$105 00

A. japonica. A low, compact shrub, growing a little taller than *Floribunda*. Leaves long, narrow, and numerous, irregular in shape. White flowers open in early spring.

	Each	10	100
2 to 2½ ft.....	\$2 50	\$20 00	\$150 00
1½ to 2 ft.....	2 00	16 00	120 00

AZALEA

Azalea amoena. *Hardy Evergreen Azalea*. A bushy, low-growing shrub bearing purple flowers. The foliage is green in summer, becoming golden in fall and winter. A very neat shrub for ornamental effects.

	Each	10	100
10 to 12 inches....	\$1 00	\$8 00	\$60 00



A branch of *Andromeda Catesbæi* (*Leucothoe*)

AZALEA, continued

A. Hinodigiri. In some respects similar to *Amœna*. Foliage is bright green. Flowers are vivid bright red. A profuse bloomer and an excellent shrub for ornamental planting.

	Each	10	100
15 to 18 inches.....	\$2 00	\$16 00	\$120 00
10 to 12 inches.....	1 75	14 00	105 00

A. indica alba. A beautiful shrub bearing an abundance of snowy white flowers. Hardy and appropriate for mass or specimen planting.

	Each	10
1½ to 2 feet.....	\$2 00	\$17 50

A. indica Kaempferi. A new variety of great hardiness. Tall grower, bearing a myriad of dull red flowers of large size. An excellent shrub for planting anywhere.

	Each	10
2 to 2½ feet.....	\$2 50	\$22 50

BUXUS · Boxwood

Buxus sempervirens. Too well known to need a description. The aromatic foliage is always glossy and green. We can furnish in bush form, standards, or pyramids. In very exposed positions it is well to provide a little protection in winter.

BUSH FORM—

	Each	10	100
2½ feet.....	\$3 50	\$30 00	
2 feet.....	2 25	20 00	
1½ to 2 feet.....	1 35	12 50	
15 to 18 inches.....	1 00	8 00	\$75 00
12 to 15 inches.....	60	5 00	45 00
10 to 12 inches.....	40	3 50	30 00

STANDARDS—

	Each	10
2½-foot stem, 20 to 24-inch head.....	\$3 50	\$32 50
1½ to 2-foot stem, 15 to 18-inch head..	2 50	

PYRAMIDS—

3½ feet.....	4 50	40 00
3 feet.....	3 00	25 00
2½ feet.....	1 75	16 50
Specimens.....	\$5 to 20 00	

CALLUNA · Heather

Calluna vulgaris. *Scotch Heather.* A low shrub of dense, compact habit. Leaves small, deep green, and very numerous. Flowers bell-shaped and a pleasing rosy pink in color.

	Each	10
8 to 12 inches.....	\$0 50	\$4 50

COTONEASTER

Cotoneaster buxifolia. *Box-leaved Cotoneaster.* A low shrub with foliage resembling the Boxwood. Its habit is spreading and bushy. Bears small red berries in winter. Flowers white.

	Each	10
15 to 18 inches.....	\$0 50	\$4 00



This planting of *Kalmia latifolia* (Mountain Laurel) would be just as attractive on your grounds

COTONEASTER, continued

C. horizontalis. *Prostrate Cotoneaster.* A dwarf variety of trailing habit. Foliage is dark green changing to bronzy red in the fall. In winter it bears a profusion of scarlet berries. An excellent shrub for planting in rock-gardens.

	Each	10	100
12 to 15 inches.....	\$0 50	\$4 00	\$32 00

C. microphylla. *Small-leaved Cotoneaster.* An exceedingly low form of shrubby, prostrate habit. The leaves are small, shiny, and hairy on the under sides. Bears a profusion of white flowers followed by scarlet berries.

	Each	10	100
2 to 2½ feet.....	\$1 50	\$12 00	\$90 00
18 to 24 inches.....	1 00	8 00	60 00

C. Simonsii. *Shining-leaved Rose Box.* A tall-growing form, with wide-spreading branches. Foliage is deep green. Flowers white, and followed by bright red berries.

	Each	10	100
3 to 4 feet.....	\$0 75	\$6 00	\$50 00
2 to 3 feet.....	50	4 00	35 00

CRATAEGUS

Crataegus Pyracantha. A dense-growing shrub or small tree, with evergreen foliage. Flowers are rosy white; berries are orange-yellow.

	Each	10	100
1½ to 2 feet.....	\$1 00	\$8 00	\$60 00

DAPHNE · Garland Flower

Daphne Cneorum. A trailing plant, with glossy, evergreen foliage. Flowers are rosy pink, fragrant, borne in May and again in August. A very pretty and effective shrub.

	Each	10
10 to 15 inches.....	\$1 00	\$9 00

EUONYMUS

Euonymus japonica. *Evergreen Euonymus.* An ornamental shrub, with stiff glossy foliage. Can be used very effectively as tubbed plants.

	Each	10	100
1½ to 2 feet.....	\$1 00	\$8 00	\$60 00

ILEX · Holly

Ilex Aquifolium. *English Holly.* A handsome shrub, with heavy, tough leaves, deep green above and paler beneath. In late fall it bears an abundance of scarlet berries, persisting through the winter. A very attractive shrub for specimen planting or massed with other kinds. Should have some winter protection in this climate.

	Each	10
4 to 5 feet.....	\$4 50	\$36 00
2 to 2½ feet.....	2 50	22 50

I. glabra (Prinos glaber). *Inkberry, or Winterberry.* An erect bush, growing to about 4 feet in height. Leaves are long, narrow, and dark green, paler underneath. Bears black berries in fall.

	Each	10
1½ to 2 feet.....	\$0 75	

I. opaca. *American Holly.* A shrubby tree, with short, spreading branches. Foliage is abundant, large, and shining. Berries scarlet, borne in winter.

	Each	10	100
5 to 6 feet.....	\$5 00	\$45 00	\$325 00
2 to 3 feet.....	2 00	15 00	125 00
1½ to 2 feet.....	1 50	14 00	110 00

KALMIA · Mountain Laurel

Kalmia angustifolia. *Dwarf Laurel.* A small shrub much used for mass plantings and edging. Leaves dark green. Flowers round, and very light rosy red.

	Each	10
1½ to 2 feet.....	\$1 50	\$14 00

K. latifolia. *Mountain Laurel, or Calico Bush.* One of the finest evergreen shrubs. Grows to about 8 feet high. The foliage is a beautiful shining green, and the flowers are large and striking, rosy red in color, and borne in long, loose clusters. A very hardy and beautiful shrub, and appropriate for either mass or specimen planting.

	Each	10	100
2 to 2½ feet.....	\$2 00	\$16 00	\$120 00
1½ to 2 feet.....	1 50	12 00	90 00



A corner of Rhododendrons and Azaleas at back of our office

LAUROCERASUS • Cherry Laurel

Laurocerasus Schipkaensis. A beautiful evergreen shrub, with bright green glossy foliage. Good for shady places. In corners of fences on the home grounds and under large shade trees, this shrub is one of the best you can find.

	Each	10	
2 to 2 1/2 feet.....	\$2 00		\$18 00

MAHONIA

Mahonia Aquifolium. *Holly-leaved Mahonia.* A rather dense shrub of bushy habit. Branches erect, numerous, and densely clothed with handsome foliage. Leaves are green and purple in summer, changing to red and yellow in the fall and remaining through winter. A large number of yellowish flowers are borne during May.

	Each	10	100
2 1/2 to 3 feet.....	\$1 50	\$12 50	\$100 00
2 to 2 1/2 feet.....	1 00	9 00	80 00
1 1/2 to 2 feet.....	75	6 00	50 00

M. japonica. The leaves of this variety are very broad and smooth, quite dense, and attractive. Flowers are golden yellow, and are borne in profusion during March. Dark purple berries follow after the blooming season.

	Each	10
15 to 18 inches.....	\$1 25	\$10 00

MYRICA

Myrica cerifera. *Bayberry, or Wax Myrtle.* A small shrub worthy of extensive planting. Leaves are dull green and keep their pleasing color nearly all the year. A peculiar thing about the foliage is its delightful fragrance. A mass planting of this shrub is always a valuable addition to the appearance of the lawn.

	Each	10
15 to 18 inches.....	\$0 40	\$3 50

OSMANTHUS • Fragrant Olive

Osmanthus Aquifolium. *Holly-leaved Olive.* A low-growing shrub of bushy habit, bearing clusters of small white fragrant flowers in autumn. Leaves resemble the Holly, but are a little smaller and deeper in color.

	Each	10
1 1/2 to 2 feet.....	\$1 50	\$12 50

RHODODENDRONS

Rhododendron catawbiense. A charming evergreen shrub, bearing a profusion of rosy pink flowers in spring. A native variety and quite hardy.

	Each	10	100
2 to 2 1/2 feet.....	\$2 00	\$16 00	\$140 00
1 1/2 to feet.....	1 50	12 00	90 00

RHODODENDRON HYBRIDS

	Each	10	100
2 to 2 1/2 feet.....	\$2 50	\$22 50	
1 to 1 1/2 feet.....	1 50	12 00	\$90 00

Abraham Lincoln. A taller grower than Catawbiense. A well-shaped shrub; flowers red.

Album elegans. This variety grows quite tall. Flowers are flushed white, with yellow tinge.

Delicatissimum. A variety of Catawbiense. Leaves are large and glossy. Flowers are blush-white, appearing late in the season.

Everestianum. One of the best Rhododendrons. Flowers are golden, lilac, large, and numerous.

General Grant. A handsome variety bearing large, soft, scarlet flowers. Foliage is brilliant and glossy.

Giganteum. A tall Rhododendron of rather bushy habit. Flowers are a glowing red, borne in large trusses.

H. H. Hunnewell. Deep lustrous foliage. Grows to good size, and bears large heads of deep crimson flowers.

H. W. Sargent. This is the ideal Rhododendron for general planting in groups or single specimens. The flowers are bright crimson and produced late.

Lady Armstrong. One of the hardiest varieties. The flowers are a dainty light pink and variegated.

Parsons' Gloriosum. Extra-large, pink flowers. A very desirable variety for this section.

Roseum elegans (grandiflorum). An old favorite. Bears an abundance of large, pinkish purple flowers.

We have found the above varieties the best for planting in our climate.

RHODODENDRON MAXIMUM

A very hardy species, native to our mountains. Foliage bright green. Flowers large, rosy pink; a late bloomer.

	Each	10
2 to 3 feet.....	\$2 50	\$22 50
1 1/2 to 2 feet.....	1 50	12 50



Acer platanoides (Norway Maple) is a very effective street and avenue tree

DECIDUOUS ORNAMENTAL AND SHADE TREES

On the lawn, street, and avenue the best trees to plant are the deciduous varieties—those that drop their leaves in the fall. They are not generally used in mass plantings, but as specimens their value is at once apparent. In clumps at the ends of a house or back of it, they give a higher tone to the house, forming a background and frame for the home picture.

Nearly all deciduous trees are hardy, and will grow well in a wide variation of latitude. They are especially desirable for the shade they furnish and for the beauty they add to the landscape. They are widely used in street and park planting, but nowhere do they show up to better advantage than on the home grounds.

In planting deciduous trees no special preparation of the soil is necessary, but the hole should be large enough to allow the tree to be set without the roots touching the sides of the excavation. Our trees are dug with good roots and should be planted as quickly as possible after arrival.

ACER • Maple

Acer campestre. *European Cork Maple.* This Maple does not grow very tall, but it has numerous branches and myriads of small dull green leaves, making a compact appearance. A good lawn tree, for it affords an abundance of shade.

	Each	10	100
6 to 8 feet.....	\$1 50	\$12 00	\$100 00
5 to 6 feet.....	1 00	9 00	70 00

A. Colchicum rubrum. An attractive tree of symmetrical growth. The new foliage on the growing tree is nearly scarlet, dull green when older, changing to bronze in fall. A good shade tree, valuable for its handsome spring and fall coloring.

	Each	10	100
5 to 6 feet.....	\$1 00	\$9 00	

A. dasycarpum. *White or Silver-leaved Maple.* A rapid-growing tree attaining considerable size. Leaves are bright green on top, with a silvery sheen on under side, deeply cut and five-lobed. A handsome tree in wide use both for street and lawn planting.

	Each	10	100
2 to 2½ inch caliper.....	\$2 50	\$22 50	
1¾ to 2 inch caliper.....	1 50	13 50	
1¼ to 1½ inch caliper.....	1 25	11 25	\$95 00
8 to 10 feet high.....	80	7 25	55 00

ACER, continued

A. dasycarpum Wieri laciniatum. *Wier's Cut-leaved Silver Maple.* A very desirable variety resembling *Dasycarpum* but of a drooping habit. The leaves are deeply cut and quite numerous, and silvery green in color.

	Each	10	100
1½ to 1¾ inch caliper.....	\$1 75	\$15 00	
8 to 10 feet high.....	80	6 75	\$50 00
6 to 8 feet high.....	60	5 25	40 00

A. Negundo aceroides. *Asb-leaved Maple, or Box Elder.* A vigorous tree, thriving in dry locations; spreading habit. Leaves are small, in groups of three, bright green on top, hairy beneath. Our trees are handsome specimens.

	Each	10	100
10 to 12 feet.....	\$1 00	\$7 50	\$60 00
8 to 10 feet.....	75	6 00	48 00

A. platanoides. *Norway Maple.* We think that this variety is one of the best of all the Maples. It is a tall grower, straight, and carries a handsome, round, spreading head. The leaves are dark green, glossy, and very dense; about 6 inches across. In fall the Norway Maple is very beautiful with its patches of green, yellow, and golden foliage. For lawn and street planting you can't beat Norway Maples. Our trees are extra-large, straight specimens, and have been frequently transplanted.

Prices of <i>Acer platanoides</i>	Each	10	100
2½ to 3 inch caliper.....	\$3 50	\$30 00	\$225 00
2 to 2½ inch caliper.....	3 00	26 50	200 00
1½ to 2 inch caliper.....	2 00	17 00	150 00
8 to 10 feet high.....	1 50	12 00	100 00
6 to 8 feet high.....	1 00	9 00	80 00

A. platanoides Reitenbachii. *Reitenbach's Norway Maple.* In habit and shape similar to the preceding. Foliage is a beautiful dark green changing to purple in midsummer. A truly wonderful tree. Each 10
8 to 10 feet..... \$2 00 \$16 00

A. platanoides Schwedleri. *Schwedler's Norway Maple.* The young foliage and shoots are bright violet-purple, changing to greenish purple. A handsome and valuable tree for lawn planting. Our trees are big fellows, ready to give immediate results. Each 10
2 to 2½ inch caliper..... \$3 00 \$25 00 \$150 00
1½ to 2 inch caliper..... 2 00 16 00 120 00
8 to 10 feet high..... 1 50 12 00 100 00
6 to 8 feet high..... 1 00 8 00 70 00

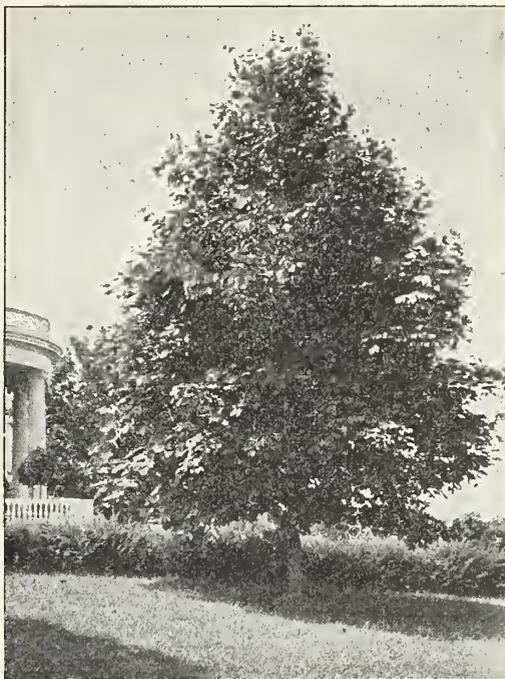
A. pseudoplatanus. *Sycamore Maple.* A large, handsome tree of rapid growth and spreading habit. Foliage is deep green, with many irregular and deep notches. Makes a handsome lawn tree. Each 10 100
6 to 8 feet..... \$1 25 \$10 00 \$75 00

A. rubrum. *Red or Scarlet Maple.* This is a large tree, with bold green foliage. This variety bears numerous scarlet flowers in spring. The leaves turn to scarlet in the fall. An excellent specimen tree, especially valuable in low or wet locations. Each 10 100
2 to 2½ inch caliper..... \$3 00 \$24 00 \$180 00
1½ to 2 inch caliper..... 2 25 17 00 125 00
8 to 10 feet high..... 1 75 14 00 100 00

A. saccharinum nigrum. *Black Sugar Maple.* This is a rather dense grower, with dark green leaves and black bark. A pleasing tree for lawn planting. Each 10 100
1½ to 2 inch caliper..... \$2 50 \$20 00 \$120 00
8 to 10 feet high..... 2 00 16 00 \$120 00

A. saccharum. *Sugar or Rock Maple.* An unusually good tree for street planting and very useful on lawns. Shape is rather symmetrical; leaves sea-green and shining, becoming vari-colored in fall. A slow grower, but one of the best Maples for general planting. Each 10 100
2 to 2½ inch caliper..... \$3 00 \$25 00 \$200 00
1½ to 2 inch caliper..... 2 00 16 00 120 00
8 to 10 feet high..... 1 50 12 00 90 00
6 to 8 feet high..... 1 00 8 00 60 00

A. tataricum Ginnala. *Tartarian Maple.* A pretty tree of variable height. Foliage is small, bright green, and opens in early spring, turning to crimson in fall. Each 10 100
6 to 8 feet..... \$1 50 \$12 00 \$100 00



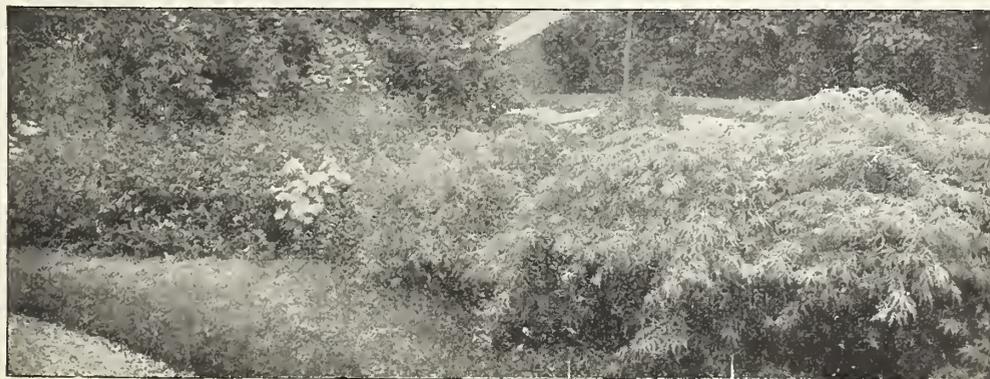
Schwedler's Maple. A good specimen tree

JAPANESE MAPLE

While the Japanese Maples are classed as deciduous trees, in growth and habit they more closely resemble shrubs. They possess very beautiful foliage, deeply cut and showing almost every color from a flashing green to a deep purple. They are attractive in any planting scheme, but in specimens on the lawn they show their beauty to best advantage. Our Japan Maples are bushy, stocky plants.

Acer polymorphum. The leaves of this variety are small and shaped like a star. The young shoots are crimson and the foliage is bright green, changing to coppery red in fall. A very handsome lawn tree. Each 10
3 to 4 feet..... \$2 00 \$17 50
2 to 3 feet..... 1 50 14 00

A. polymorphum atropurpureum. Another handsome tree similar to the above. Foliage is a deep glowing red and deeply cut. A very good specimen tree. Each 10 100
3 to 4 feet..... \$2 00 \$17 50 \$125 00
2 to 3 feet..... 1 50 14 00 100 00



Acer polymorphum (Japan Maple) is handsome in mass lawn plantings

AESCULUS · Horse-Chestnut

Æsculus glabra. *Smooth-leaved Ohio Buckeye.* A stately tree of variable size. Leaves broad, dark green, and numerous. Bears trusses of greenish yellow flowers. A pleasing lawn or street tree. Each 10 100
4 to 5 feet.....\$1 00 \$8 00 \$60 00

Æ. Hippocastanum. *European White-flowering Horse-Chestnut.* A handsome tree of symmetrical shape. Foliage dark green, turning to gold and brown. Bears large, pyramid-shaped clusters of cream-colored flowers in early spring. Each 10 100
1½ to 2 inch caliper.....\$2 25 \$17 00 \$125 00
6 to 8 feet high.....1 50 12 00 90 00
5 to 6 feet high.....1 00 8 00 60 00

Æ. Hippocastanum Briotii. Like the preceding, except that it is of more slender shape. Flowers are deep blood-red. Each 10
3 to 4 feet.....\$1 00 \$8 00

Æ. Hippocastanum flore-pleno. *Double White-flowering Horse-Chestnut.* A very shapely tree with spreading head. Flowers white, and double in form. Otherwise similar to Hippocastanum. Each 10
5 to 6 feet.....\$1 50 \$12 50

Æ. Hippocastanum rubicunda. *Red-flowering Horse-Chestnut.* Considered the best Horse-Chestnut by many people. The shape is very uniform and spreading. Flowers are brilliant red, and borne in large trusses. Each 10
5 to 6 feet.....\$1 50 \$12 00
4 to 5 feet.....1 00 8 00

AILANTHUS

Ailanthus glandulosa. *Tree of Heaven.* A hardy tree with the appearance of the tropics. Slender, feather-shaped leaves, sometimes 5 feet long; very pale green flowers. Extremely desirable for planting on banks and rocky places. Each 10 100
6 to 8 feet.....\$0 60 \$5 00 \$37 50



Trunks of *Betula alba* (White Birch)

ALNUS · Alder

Alnus glutinosa. *Black Alder.* Like the following Alders, this tree likes damp locations, but will do well on the lawn. Foliage is dark green, quite round, and coarsely toothed; turns to yellow in the fall. Each 10 100

1½ to 2 inch caliper.....\$1 25 \$10 00 \$75 00
8 to 10 feet high.....1 00 8 00 60 00
6 to 8 feet high.....75 5 50 40 00

A. incana. *Gray Alder.* The leaves are egg-shaped and quite broad; dark green above and furry beneath. Each 10 100
5 to 6 feet.....\$0 75 \$6 00 \$45 00

A. laciniata. *Cut-leaved Alder.* The leaves are deeply cut and palm-like. The branches droop gracefully toward the ends. A very pleasing ornamental tree. Each 10 100
5 to 6 feet.....\$0 75 \$6 00 \$45 00

BETULA · Birch

Betula alba. *European White Birch.* A rapid-growing tree with white bark and shining green leaves. A very attractive tree on account of its pretty bark. Our trees are handsome specimens and are extra large. Each 10 100

2 to 2½ inch caliper.....\$2 25 \$18 00 \$135 00
1½ to 2 inch caliper.....2 00 16 00 120 00
8 to 10 feet high.....1 50 12 00 90 00
6 to 8 feet high.....1 00 8 00 60 00

B. alba laciniata pendula. *Cut-leaved Weeping Birch.* A graceful tree of pronounced weeping habit. Branches slender and drooping. Foliage deeply cut and shining green. Bark greenish white on young tree but silvery white on older specimens. One of the finest weeping trees. Each 10 100

1½ to 2 inch caliper.....\$2 25 \$18 00 \$130 00
8 to 10 feet high.....1 75 14 00 105 00
6 to 8 feet.....1 25 10 00 80 00
5 to 6 feet.....1 00 8 00 65 00

B. lenta. *Cherry or Black Birch.* A distinct variety. Foliage very dark green and hairy. Branches spreading and curving downward at the tips. The bark on young specimens is pleasantly aromatic and quite dark. A desirable tree for lawn or landscape. Each 10 100

6 to 7 feet.....\$1 00 \$8 00 \$60 00
5 to 6 feet.....75 6 00 45 00

B. lutea. *Yellow Birch.* A broad-leaved variety. Bark is yellowish gray, and foliage opens red, changing to dark green and becoming yellow in autumn. Each 10 100

6 to 8 feet.....\$1 25 \$10 00 \$75 00
5 to 6 feet.....1 00 8 00 60 00

B. papyrifera. *Paper or Canoe Birch.* One of the hardiest of known trees, growing freely even in Labrador. A handsome, tall-growing tree. The branches are stiff and upright, covered with dark green leaves that turn to yellow in autumn. Bark creamy white and very tough. This is the bark the Indians utilized in making their canoes. Makes splendid lawn specimens and our trees are extra large in size. Each 10 100

10 to 12 feet.....\$2 00 \$16 00

B. populifolia. *American White Birch.* This is a hardy tree and will thrive on poor soil. The bark is silvery white, papery but tough. A useful tree for ornamental planting. Each 10 100

6 to 8 feet.....\$1 25 \$16 00

B. purpurea. *Purple-leaved Birch.* When young the foliage is a distinct shade of purple, changing to glossy green in mid-season. Bark gray. A fine tree for ornamental planting. Each 10 100
4 to 5 feet.....\$1 25 \$10 00

B. rubra (B. nigra). *River or Red Birch.* Leaves glossy green on top and hairy on under side, doubly toothed. Bark red and shaggy. Each 10 100
8 to 10 feet.....\$1 50 \$12 50
6 to 8 feet.....1 25 10 00 \$75 00
5 to 6 feet.....1 00 8 00 60 00

B. Youngii pendula. *Young's Weeping Birch.* A very graceful tree, with slender drooping branches. An out-of-the-ordinary ornamental tree. Each 10 100
4 to 5 feet.....\$2 00 \$16 00

CARPINUS · Hornbeam

Carpinus americana. A handsome ornamental tree that will stand any amount of trimming and pruning. Used in hedges and specimen plantings. Our plants are extra-strong. Each 10 100
 4 to 5 feet.....\$1 00 \$8 00 \$60 00
 3 to 4 feet..... 75 6 00 45 00

C. Betulus. This is a hardy ornamental tree with a round compact head. Foliage deep green, changing in autumn to yellow and brown, and remaining through winter. An excellent hedge plant or for formal planting. Each 10 100
 6 to 8 feet.....\$1 75 \$14 00
 4 to 5 feet..... 1 25 10 00 \$75 00
 2 to 3 feet..... 1 00 8 00 60 00

CATALPA

Catalpa Bungei. This is one of the neatest trees you can get for street and lawn planting. The trunk is straight and the head spreads out in umbrella fashion. The leaves are heart-shaped, large, and so numerous as to make a very dense, compact head.

Each 10 100
 3-year heads.....\$2 50 \$20 00
 2-year heads..... 1 50 12 50 \$100 00
 1-year heads..... 1 00 9 00 75 00

C. speciosa. Western Catalpa. A fine-looking tree giving a tropical effect. Large oval leaves and fragrant purple-and-white flowers. Grows naturally in our climate. A handsome lawn tree. Each 10 100
 8 to 10 feet.....\$1 00 \$8 00 \$60 00
 6 to 8 feet..... 50 4 00 30 00

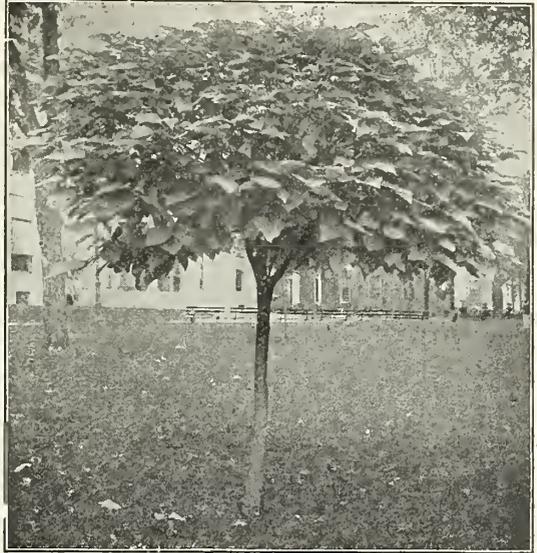
CELTIS · Nettle Tree

Celtis Mississipiensis. Southern Hackberry. In this unusual tree the leaves are irregular at the base, becoming better shaped toward the top. Flowers are intense orange-red. Should have a little winter protection in this section. Each 10 100
 5 to 7 feet.....\$1 50 \$12 00

C. occidentalis. A large tree of excellent shape. Leaves are rough, glossy green, somewhat hairy underneath. A good specimen tree. Each 10 100
 8 to 10 feet.....\$1 50 \$12 00 \$90 00
 5 to 7 feet..... 1 00 8 00 75 00



Flowers of *Cercis canadensis*



Catalpa Bungei. A pleasing ornamental tree

CERASUS · Flowering Cherry

Cerasus avium flore-pleno. A rapid-growing tree, producing myriads of large, white, double flowers, so dense as to hide the branches. A charming tree for garden or lawn. Each 10 100
 4 to 5 feet.....\$1 75 \$15 00 \$125 00

C. chinensis flore-pleno. Another very pleasing tree for lawn planting. A double-flowered variety of great merit. Each 10 100
 3 to 4 feet.....\$1 00 \$9 00

C. japonica flore-pleno. This is another double-flowered variety, with large rosy red flowers. Each 10 100
 4 to 5 feet.....\$1 25 \$10 00

C. japonica rosea pendula. Similar to the above. Branches slender and more numerous, covered with rosy flowers. Each 10 100
 6 to 7 feet, 3-year heads.....\$3 25 \$25 00
 5 to 6 feet, 2-year heads..... 2 50 20 00

C. Sieboldii alba flore-pleno. Siebold's Double White-flowering Cherry. Pretty white flowers blooming in April. Each 10 100
 3 to 4 feet.....\$1 25 \$10 00

CERCIS · Judas Tree, or Red-Bud

Cercis canadensis. A medium-sized tree bearing purplish flowers. Leaves are heart-shaped and clear green. An excellent lawn tree. Each 10 100
 6 to 7 feet.....\$1 00 \$8 00 \$60 00
 5 to 6 feet..... 75 6 00 45 00
 3 to 4 feet..... 50 4 00 30 00

C. Siliquastrum. European Judas Tree. In some respects the same as Canadensis. Flowers are bright purple and foliage is glossy green. Each 10 100
 2 to 3 feet.....\$0 50 \$4 00

CLADRASTIS · Yellow-Wood

Cladrastis tinctoria. A pretty, low tree, with small egg-shaped leaflets. Flowers are white and in graceful drooping clusters. Each 10 100
 4 to 5 feet.....\$1 25 \$10 00 \$75 00
 2 to 3 feet..... 75 6 00 45 00

See our Special Rose Offer on Page 41



Office of Willadean Nurseries, looking south

FAGUS · Beech

Fagus ferruginea. *American Beech.* The ordinary variety. Grows to large size; symmetrical shape and compact habit. Bark smooth, somewhat blue in color. Foliage light glossy green. Makes a desirable lawn tree.

	Each	10	100
4 to 5 feet.....	\$1 00	\$9 00	\$80 00
2 to 3 feet.....	75	6 00	55 00

F. sylvatica. *European or English Beech.* An attractive lawn tree, with small glossy leaves. Develops a round compact head.

	Each	10	
3 to 4 feet.....	\$1 00	\$8 00	

F. sylvatica heterophylla. *Cut-leaved Beech.* A graceful tree of medium height. Foliage glossy green, with deeply cut edge. A pleasing landscape tree.

	Each	10	
2 to 2½ feet.....	\$1 25	\$10 00	

F. sylvatica pendula. *Weeping Beech.* A hardy tree of pronounced weeping habit. Leaves are glossy green and of large size. A very fine ornamental tree.

	Each	10	
4 to 5 feet.....	\$2 00	\$16 00	

F. sylvatica purpurea. *Purple-leaved Beech.* One of the handsomest and most ornamental of deciduous trees. The trunk is sturdy and the branches start close to the ground. The foliage is an attractive velvety purple in spring, changing to crimson in mid-season and to greenish purple in fall. It makes a round, compact head, and is an excellent shade tree. One of the best trees for specimen planting.

	Each	10	
4 to 5 feet.....	\$1 50	\$12 00	
3 to 4 feet.....	1 00	8 00	

F. sylvatica purpurea Riversii. *Rivers' Purple Beech.* A good ornamental tree of excellent shape. Foliage is not so strong in color as the preceding, being a dark purplish green.

	Each	10	100
4 to 5 feet.....	\$2 00	\$16 00	\$120 00

F. sylvatica tricolor. A new variety with striking foliage. The leaves are deep purple with red and bronze margins.

	Each		
2 to 3 feet.....	\$2 50		

FRAXINUS · Ash

Fraxinus americana. *White Ash.* A straight, tall-growing tree of good shape. Foliage is dull green fading to bronze in fall.

	Each	10	100
1½ to 2 inch caliper.....	\$1 25	\$10 00	\$90 00
8 to 10 feet high.....	1 00	8 00	60 00
6 to 8 feet high.....	75	6 00	45 00

F. excelsior. *English Ash.* A handsome tree growing to great height. Pyramidal in outline and very graceful. Foliage dark green above, paler beneath, retaining its color until killed by frost. An excellent lawn tree for shade or ornament.

	Each	10	100
2 to 2½ inch caliper.....	\$2 00	\$16 00	\$120 00
1½ to 2 inch caliper.....	1 50	12 00	90 00
8 to 10 feet high.....	1 00	8 00	60 00

F. excelsior pendula. *Weeping Ash.* A good shade tree of pronounced drooping habit. Otherwise similar to the preceding.

	Each		
6 to 8 feet high.....	\$1 50		

F. quadrangulata. *Blue Ash.* A large tree of spreading habit. Leaves yellowish green. A neat-appearing tree for lawn planting. Our trees are ready for immediate effect.

	Each	10	
10 to 12 feet.....	\$1 50	\$14 00	
8 to 10 feet.....	1 25	10 00	

F. viridis. *Green Ash.* Bright green leaves and bushy head. Of rather slender growth but valuable for street and lawn planting.

	Each	10	100
1½ to 2 inch caliper.....	\$1 00	\$8 00	\$60 00
8 to 10 feet high.....	75	6 00	45 00
6 to 8 feet high.....	50	4 00	30 00

GINKGO

Ginkgo biloba (Salisburia adiantifolia). *Maiden-bair Tree.* A handsome street and lawn tree, defying smoke, dirt, and insects. Erect, pyramidal grower, with small heart-shaped leaves. Extensively used in Washington as a street tree. Perfectly hardy as far north as Canada.

	Each	10	100
6 to 7 feet.....	\$1 25	\$10 00	
5 to 6 feet.....	1 00	8 00	\$60 00
4 to 5 feet.....	75	6 00	45 00

GLEDITSCHIA · Honey Locust

Gleditschia triacanthos. *Thorny Honey Locust.* Ordinarily a large erect tree with a spreading head flat on top. If trimmed closely, this tree makes a very effective and almost impenetrable hedge. Foliage deep shining green. Each 10 100
 8 to 10 feet.....\$1 25 \$10 00
 4 to 5 feet..... 75 6 00 \$45 00

GYMNOCLADUS

Kentucky Coffee Tree

Gymnocladus canadensis. An interesting tree bearing large brownish seed-pods. Foliage is palm-like with bluish green color. A good lawn tree. Each 10
 5 to 7 feet.....\$0 75 \$6 00
 4 to 5 feet..... 50 4 00

KOELREUTERIA · Varnish Tree

Koelreuteria paniculata. A small shrubby tree, bearing pretty golden yellow flowers. Leaves purple in spring, changing to bright green, turning to bronze and red in fall. A handsome lawn tree. Each 10 100
 6 to 7 feet.....\$1 00 \$8 00 \$60 00
 5 to 6 feet..... 75 6 00 45 00

LARIX · Larch

Larix europæa. *European Larch.* A tall stately tree growing to 100 feet. Slender conical head in young specimens, becoming broad and irregular as the tree gets older. Foliage feathery and bright green. A peculiarity of the Larch is its being a cone-bearing tree. A remarkable tree for lawn and ornamental planting. Nice large specimens. Each 10
 10 to 12 feet.....\$2 00 \$17 50
 4 to 5 feet..... 1 00 8 00

L. leptolepis. *Japanese Larch.* A very vigorous tree, growing to 80 feet. Slender, with a shapely head. Leaves small, rich green. An excellent ornamental tree the year round. Each 10
 10 to 12 feet.....\$2 50 \$22 50
 5 to 6 feet..... 1 00 8 00

LIQUIDAMBAR · Sweet Gum

Liquidambar styraciflua. A low-growing tree with a neat pyramidal head. Leaves glossy green, deeply cut, giving them a star-like appearance. A brilliantly colored tree in summer and fall. Should be planted in spring. Our Sweet Gums have been frequently transplanted, and have an abundance of fibrous roots. Each 10 100
 1½ to 2 inch caliper.....\$2 50 \$20 00
 6 to 8 feet high..... 1 75 15 00 \$125 00
 5 to 6 feet high..... 1 25 10 00 80 00

LIRIODENDRON · Tulip Tree

Liriodendron tulipifera. A handsome lawn tree of pyramidal outline. Large leaves with blunt, square ends, bluish green above and paler beneath. In May this tree bears a multitude of greenish yellow and orange tulip-shaped flowers. Grows to gigantic size, sometimes nearly 200 feet. Better results are obtained from trees planted in spring, for it gives the roots lots of time to establish themselves before cold weather comes. Each 10 100
 1½ to 2 inch caliper.....\$2 25 \$17 00 \$125 00
 8 to 10 feet high..... 1 50 12 50 100 00
 6 to 8 feet high..... 1 25 10 00 75 00

MELIA · Texas Umbrella

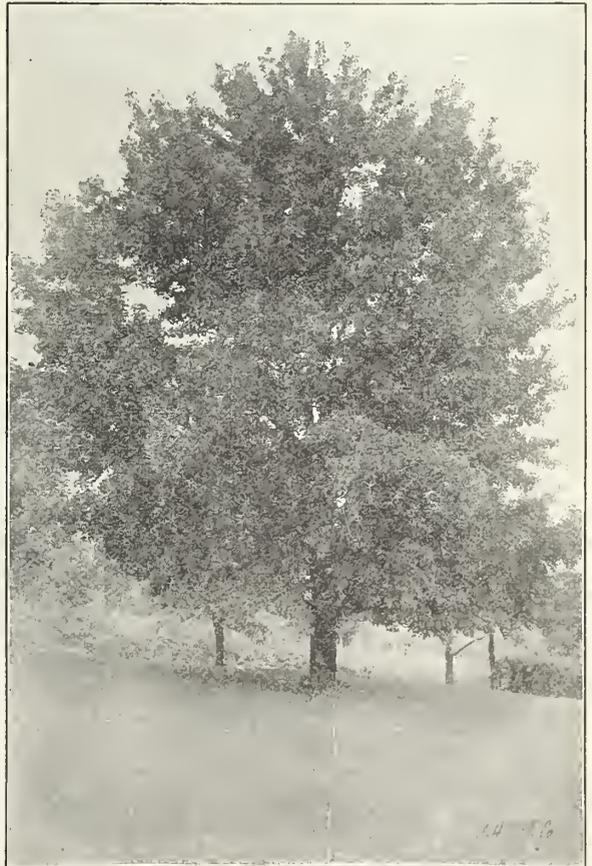
Melia Azedarach umbraculiformis. In shape and habit one of the finest of all shade trees. The branches start together much like the stays of an umbrella, and with the dense bright green foliage, make a compact umbrella-like head. Should have a little winter protection here. Each 10
 5 to 6 feet.....\$1 00 \$8 00

MORUS · Mulberry

Morus alba pendula. *Teas' Weeping Mulberry.* A very hardy weeping tree of low growth. Trunk is straight, capped by numerous vine-like branches which droop to the ground. Foliage bright lustrous green. An excellent tree for planting on lawns, parks, and cemeteries. Each 10 100
 2-year heads.....\$1 50 \$12 50
 1-year heads..... 1 25 10 00 \$80 00

NYSSA · Sour Gum, or Pepperidge

Nyssa sylvatica. A water-loving tree growing to 100 feet. Tough, leathery, glossy green foliage, changing to blazing scarlet in autumn. The branches are horizontal, and in older specimens the lower ones have a decided droop. Grows naturally from Canada to Texas. Nyssas make unique lawn trees. Each 10 100
 2 to 3 feet.....\$0 75 \$6 00 \$50 00



Liquidambar (Sweet Gum) makes a shapely lawn tree

Do you want to make your porch more pleasant during the hot summer months? A drapery of climbing vines will do it. Make your selection from the list on pages 41 and 42.



The American Sycamore improved this place 100 per cent

PAULOWNIA • Empress Tree

Paulownia imperialis. A noble tree with a round spreading head. Leaves dull green, but sometimes a foot in length. Bears fragrant violet flowers. A good shade tree on account of the size and density of its foliage. Makes an excellent tree for either lawn or landscape planting. Stands smoke, dust, and insects well.

	Each	10	100
8 to 10 feet.....	\$2 00	\$16 00	
5 to 7 feet.....	1 25	10 00	\$75 00

PHELLODENDRON

Chinese Cork Tree

Phellodendron amurense. A neat-appearing tree forming a wide-spreading head. Foliage is dark green and shining. Bark is light gray, smooth and corky. Bears tiny black fruits giving off a turpentine odor when bruised. Excellent for lawn planting, and used as a street tree in western cities.

	Each	10	100
4 to 6 feet.....	\$0 75	\$6 00	

PLATANUS

Plane Tree, or Buttonball

Platanus occidentalis. American Sycamore. A gigantic tree attaining a height of 150 feet, the trunk sometimes becoming 10 feet in diameter. Bark often creamy white. Leaves short, broad, and star-pointed. A hardy tree and valuable in lawn and street planting. We believe we grow more American Sycamores than any other nursery in the United States.

	Each	10	100
2 to 2½ inch caliper...\$3 00	\$27 50	\$250 00	
1½ to 2 inch caliper .. 1 75	15 00	120 00	
8 to 10 feet high..... 1 25	10 00	80 00	
6 to 8 feet high..... 1 00	8 00	65 00	

PLATANUS, continued

P. orientalis. European Sycamore. Another massive tree attaining 80 feet in height. Foliage is bright green, dense, and deeply cut. The bark peels off in autumn leaving the trunk and branches a creamy color. Extensively used as a street and lawn tree, for it is both useful and ornamental.

	Each	10	100
1½ to 2 inch caliper...\$1 75	\$14 00	\$105 00	
8 to 10 feet high..... 1 25	10 00	75 00	
6 to 8 feet high..... 1 00	8 00	60 00	

POPULUS • Poplar

Populus alba nivea. Silver Poplar. A straight tree with silvery white leaves shaped like those of the Maple. A pretty tree making a pleasing contrast when planted with trees of darker foliage.

	Each	10	100
6 to 8 feet.....	\$1 25	\$10 00	

P. alba Bolleana. Bolle's Silver Poplar. Grows to about 75 feet. Foliage silvery white and very striking. Tree is graceful and similar in shape to the Lombardy variety.

	Each	10	100
8 to 10 feet.....	\$1 25	\$10 00	

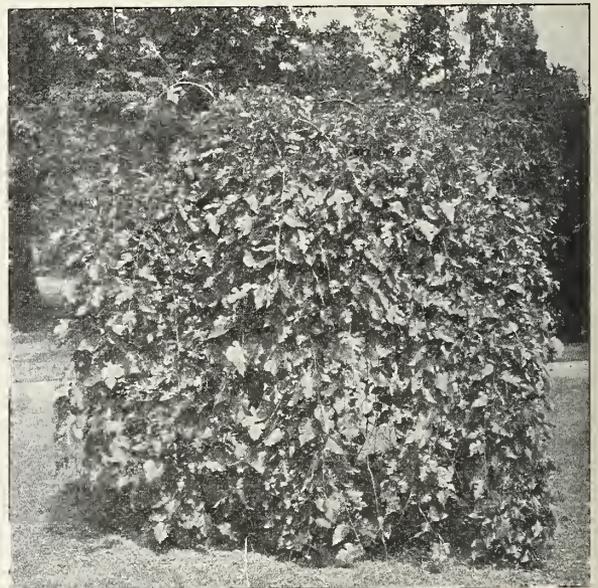
P. balsamifera. Balsam Poplar. A hardy, tall-growing tree forming a spreading symmetrical head. Foliage dark shining green above and grayish beneath. The buds give off a delightful resinous odor. An excellent ornamental tree.

	Each	10	100
8 to 10 feet.....\$1 25	\$10 00	\$75 00	
6 to 8 feet..... 1 00	8 00	60 00	

P. carolinensis (P. monilifera). Carolina Poplar. A large tree bearing a slight resemblance to Deltoides, but the leaves are more pointed. An excellent tree for general planting.

Our large specimens will create an immediate effect in your landscape or lawn plan. This variety is widely planted in some cities as a street tree.

	Each	10	100
3 to 4 inch caliper.....\$2 50	\$20 00		
2 to 2½ inch caliper..... 1 25	10 00		
1½ to 2 inch caliper..... 1 00	8 00		
10 to 12 feet high..... 75	6 00	\$45 00	



Teas' Weeping Mulberry. See page 17

POPULUS, continued

P. deltoides. *Cottonwood.* A large, hardy tree with numerous branches and a broad head. Leaves broad, triangular in shape, and bright shining green. Many people consider this variety the leader for lawn and specimen planting. Each 10
8 to 10 feet.....\$1 00 \$8 00

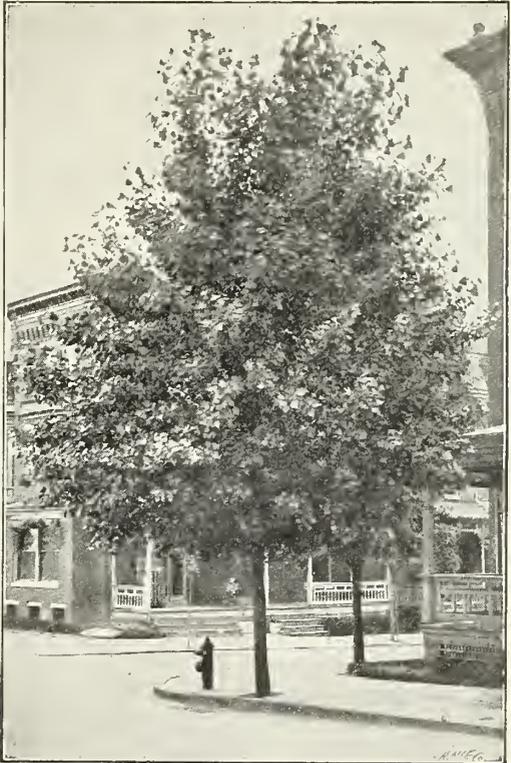
P. nigra italica. *Lombardy or Italian Poplar.* One of our most ornamental trees. Tall grower; branches erect and closely appressed to the trunk. Foliage dark green and lacking the luster characteristic of other varieties. Each 10 100
2 to 2½ inch caliper.....\$2 00 \$16 00
1½ to 2 inch caliper..... 1 50 12 00 \$90 00
8 to 10 feet high..... 1 00 8 00 60 00
6 to 8 feet high..... 60 4 80 36 00

P. tremula. *European Aspen.* An open, pyramid-shaped tree, with small, thick, dark green leaves. The leaf-stalks are slender and the slightest breeze keeps the leaves moving. Each 10
6 to 8 feet.....\$1 25 \$10 00

QUERCUS • Oak

Quercus alba. *American White Oak.* A tall stately tree, with large leaves, reddish when unfolding, but changing to bright lustrous green, and turning to purple and red in fall. The bark is light gray. One of our noblest native trees and excellent for lawn or landscape. All our Oaks have been frequently transplanted. Each 10
8 to 10 feet.....\$2 50 \$20 00
6 to 8 feet..... 2 00 17 50

Q. bicolor. *Swamp White Oak.* A spreading tree, with grayish scaly bark and deeply cut dark green leaves, turning to vivid scarlet in autumn. Each 10
8 to 10 feet.....\$2 50 \$20 00



Populus carolinensis (Carolina Poplar). See page 18

QUERCUS, continued

Q. Cerris. *Turkey Oak.* A handsome spreading tree growing to 120 feet. Foliage dark green, changing to numerous bright colors in fall and remaining on the tree through the winter. Each 10
6 to 8 feet.....\$2 00 \$17 50

Q. coccinea. *Scarlet Oak.* Has a narrow, pyramidal head and numerous short branches. Leaves are crimson at time of opening, changing to bright green in summer and to blazing scarlet in autumn. Each 10
1½ to 2 inch caliper.....\$3 00 \$28 00
8 to 10 feet high..... 2 00 17 50
6 to 8 feet high..... 1 50 14 00

Q. Concordia. *Golden Oak.* A massive tree of shapely outline, and bright golden yellow foliage. Excellent for ornamental planting. \$2 00
5 to 6 feet.....

Q. macrocarpa. *Bur Oak.* A large tree with a broad head. The leaves are large, silvery white above and white beneath, turning to bronze in fall. Bark rough and branches corky. Each 10
8 to 10 feet.....\$2 25 \$18 00
6 to 8 feet..... 1 75 14 00

Q. nigra. *Water Oak.* A symmetrical round head. Leaves broad near the end, dull green above and paler on the under side. Each 10
6 to 8 feet.....\$1 50 \$12 00

Q. palustris. *Pin Oak.* A superb tree with pendulous branches giving a somber effect. Foliage dark green, changing to fiery scarlet in autumn. A shapely tree widely planted for its beauty. One of the best Oaks for street or lawn planting. Each 10 100
2 to 2½ inch caliper.....\$3 75 \$30 00
1½ to 2 inch caliper..... 3 00 24 00
8 to 10 feet high..... 2 25 18 00 \$135 00
6 to 8 feet high..... 1 75 14 00 105 00

Q. Phellos. *Willow-leaved Oak.* A tall tree, with a round, graceful outline. Leaves are like those of the Willow; bright green, changing to red and bronze in autumn. A rather slow grower, thriving best in moist locations. Each 10
5 to 6 feet.....\$1 50 \$14 00



Pin Oak



These Oaks would look good on your street or avenue

QUERCUS. continued

Q. Prinus. *Chestnut Oak.* This is a large variety, with a broad open head. Foliage dull golden green, turning to bronzy colors in autumn; bark rough. Excellent for dry locations and will do as well in sandy soil as in loam. A very good shade tree. Each 10
 2 to 2½ inch caliper..... \$2 25 \$18 00

Q. pyramidalis (*Q. fastigiata*). *Pyramidal English Oak.* The outline of this variety resembles the Lombardy Poplar. Foliage dark green. An excellent tree for formal planting as specimens in parks, lawns, and cemeteries. Each 10
 10 to 12 feet..... \$4 00 \$32 00
 8 to 10 feet..... 3 25 26 00
 6 to 8 feet..... 2 50 20 00

Q. Robur. *Royal English Oak.* Stately, spreading tree. Leaves large, deep green above and pale green on under side. Widely planted in England. A good tree for lawn planting on account of its shade and beauty. Each 10 100
 2 to 2½ in cal. \$4 00 \$32 00 \$240 00
 1½ to 2 in. cal. 3 00 24 00 180 00
 8 to 10 ft. high. 2 00 16 00 120 00
 6 to 8 ft. high.. 1 50 12 00 90 00

Q. rubra. *American Red Oak.* A fine shade tree, with a symmetrical crown. Foliage crimson in early spring, dull green in summer, changing to brown and bronze in autumn. The leaves are very large, sometimes growing to 9 inches in length. Each 10 100
 1½ to 2 in. cal. \$3 00 \$24 00 \$180 00
 8 to 10 ft. high. 2 00 16 00 120 00
 6 to 8 ft. high.. 1 50 12 00 90 00

Q. velutina (*Q. tinctoria*). *Black or Yellow-Bark Oak.* A tall tree with a narrow conical head. Leaves silvery white changing to bronze and red in fall. The bark is very dark brown. A pleasing tree on the lawn, street, or landscape. Our trees are extra-strong specimens. Each 10
 8 to 10 feet..... \$2 00 \$16 00
 6 to 8 feet..... 1 50 12 00

ROBINIA

Locust, or Acacia

Robinia hispida rosea. *Hairy Locust.* A shrubby tree growing to about 10 feet. The entire plant is covered with stiff, bristly hairs. Bears loose trusses of rosy pink flowers in May. Each 10 100
 4 to 5 feet... \$0 75 \$6 00 \$45 00
 3 to 4 feet.... 50 4 00 32 00

R. Pseudacacia. *False Acacia.* Makes an ideal specimen tree when planted in rich soil. Foliage bright green, not prickly. Flowers white and fragrant. Each 10 100
 10 to 12 feet... \$1 50 \$12 00
 8 to 10 feet... 1 00 9 00 \$70 00
 6 to 8 feet.... 75 6 00 45 00

SALIX · Willow

Salix alba. *White Willow.* A large, spreading tree with a short stubby trunk. Leaves are silvery gray, rather furry on both surfaces. A rapid-growing tree much used in lawn planting. Each 10 100
 6 to 8 feet.... \$0 75 \$6 00 \$45 00

S. americana pendula. *Fountain Willow.* A low tree, with slender drooping branches. The leaves are small, and cover the branches so closely as to resemble a fountain spray. A graceful tree for lawn planting, but is very effective when planted in cemeteries where a formal appearance is wanted. Each 10
 6 to 8 feet..... \$1 25 \$10 00



A handsome specimen of Salix babylonica (Weeping Willow)

SALIX, continued

S. babylonica. *Common Weeping Willow.* A large tree with drooping branches. Leaves are small, bright green, and numerous. Excellent for wet locations but a credit to any lawn. Each 10 100
 1½ to 2 inch caliper.....\$2 00 \$16 00 \$120 00
 8 to 10 feet high..... 1 50 12 00 90 00
 6 to 8 feet high..... 1 00 8 00 60 00

S. babylonica dolorosa. *Wisconsin Weeping Willow.* A variety of Babylonian but possessed of greater hardiness. Branches shiny green, foliage sea-green. Each 10 100
 8 to 10 feet.....\$1 25 \$10 00 \$80 00
 6 to 8 feet..... 1 00 8 00

S. Caprea. *Pussy Willow.* A rapid-growing tree, doing best in moist locations. Leaves are whitish green. Bears numerous furry catkins in early spring. Each 10
 8 to 10 feet.....\$1 00 \$8 00
 6 to 8 feet..... 75 6 00

S. Caprea pendula. *Kilmarnock Weeping Willow.* Allow, umbrella-like tree, with a straight trunk capped by numerous slender pendulous branches. Foliage bright green above and pale, washed green below. Each 10
 2-year heads.....\$1 25 \$10 00

S. elegantissima. *Thurlow's Weeping Willow.* Similar to Babylonian but considered more desirable both for its beauty and hardiness. Bark yellowish, branches pendulous. Forms a graceful lawn tree. Each 10 10
 8 to 10 feet.....\$1 50 \$12 00 \$90 00

S. pentandra (S. laurifolia). *Laurel-leaf Willow.* A low-growing tree of compact habit. Leaves are very large, dark green, and odorous when bruised. An excellent tree for ornamental planting. Each 10 100
 6 to 8 feet.....\$1 00 \$8 00 \$60 00
 5 to 6 feet..... 75 6 00 45 00

S. rosmarinifolia (S. incana). *Rosemary Willow.* A small, shrubby tree, with long, slender branches, forming a round head. Leaves long and narrow, bright green above and hairy beneath. Quite attractive. Each 10 100
 6 to 7 feet.....\$1 50 \$12 00 \$90 00
 5 to 6 feet..... 1 00 8 00 60 00
 3 to 4 feet..... 75 6 00 45 00

S. vitellina. *Yellow Willow.* A large tree with bright green leaves and yellow bark. Excellent for its winter effect when planted with evergreens. Each 10 100
 8 to 10 feet.....\$1 00 \$9 00 \$65 00
 6 to 8 feet..... 75 6 00 50 00

S. vitellina aurea. *Golden Willow.* A variety of the above and similar in foliage and habit. Bark of branches golden yellow, especially noticeable in early spring. A very pleasing contrast is obtained when planted with evergreens. Each 10 100
 8 to 10 feet.....\$1 00 \$8 00 \$60 00
 6 to 8 feet..... 75 6 00 45 00

SOPHORA

Sophora japonica. *Japanese Sophora.* A graceful tree of medium size. Foliage glossy dark green, turning to golden yellow in fall. Flowers white, borne in midsummer. Good for landscape and lawn. Each 10
 5 to 6 feet.....\$1 25 \$10 00

SORBUS • Mountain-Ash

Sorbus americana. *American Mountain-Ash.* A small tree rarely exceeding 25 feet in height, with spreading head. Leaves dark green, turning to yellow in fall. Flowers white, followed by large red berries. An attractive lawn specimen. Each 10
 6 to 8 feet.....\$1 25 \$12 00

SORBUS, continued

S. Aucuparia. *European Mountain-Ash.* A dense tree of regular outline. Leaves dark green, turning yellow in fall. Flowers white, borne in loose clusters. Bears large scarlet berries after flowers drop. Each 10 100
 8 to 10 feet.....\$1 25 \$10 00 \$80 00
 6 to 8 feet..... 1 00 8 00 60 00

S. Aucuparia pendula. *Weeping Mountain-Ash.* Similar to the preceding. Stem is capped by long, slender, drooping branches. A very neat lawn tree. Each 10
 2-year heads.....\$1 50 \$12 00

TAXODIUM

Taxodium distichum. *Deciduous Cypress.* A shapely tree of pyramidal growth. Foliage light green and feathery. Recommended as a lawn tree. Each 10 100
 8 to 10 feet.....\$2 00 \$17 50
 6 to 8 feet..... 1 75 15 00
 4 to 5 feet..... 1 25 10 00 \$75 00

TILIA • Linden, or Lime Tree

Tilia americana. *American Linden, or Basswood.* A stately tree with a broad spreading head. Widely used for street and lawn planting. Leaves heart-shaped, dark green above, paler beneath, turning to golden in fall. Flowers creamy white, fragrant. Very handsome tree. Each 10 100
 2 to 2½ inch caliper.....\$2 75 \$22 00 \$165 00
 1½ to 2 inch caliper..... 2 00 16 00 120 00
 8 to 10 feet high..... 1 50 14 00 105 00
 6 to 8 feet high..... 1 00 9 00 75 00

T. argentea. *White or Silver Linden.* Excellent pyramidal form and compact head. Leaves large, dark green above and silvery beneath. A fine shade and ornamental tree. Each 10
 1½ to 2 inch caliper.....\$2 50 \$20 00
 8 to 10 feet high..... 2 25 18 00
 6 to 8 feet high..... 1 50 14 00



A majestic ancestral tree. Tilia americana (American Linden)

TILIA, continued

T. dasystyla. *Crimean Linden.* A large tree with a fine broad head. Leaves heart-shaped, glossy green on top, yellowish beneath, turning to golden yellow in fall. A valuable tree for all ornamental planting.

	Each	10	
8 to 10 feet.....	\$2 00	\$17 00	
6 to 8 feet.....	1 50	12 00	

T. europæa. *European Linden.* Broad, spreading head. Leaves bright green, fading to brown and yellow. Flowers creamy white, fragrant. Very valuable.

	Each	10	100
2 to 2½ inch caliper.....	\$3 00	\$25 00	\$200 00
1½ to 2 inch caliper.....	2 00	17 50	150 00
8 to 10 feet high.....	1 50	14 00	100 00
6 to 8 feet high.....	1 00	9 00	80 00

T. europæa rubra. *European Red-twigged Linden.* A medium-sized tree similar to the preceding in shape and habit. Branches are of a pronounced red color. A neat-appearing tree, and recommended for general planting.

	Each	10
8 to 10 feet.....	\$1 75	\$15 00
6 to 8 feet.....	1 25	10 00

T. platyphyllos. *Broad-leaved European Linden.* A large-leaved variety, especially valuable as a shade tree. Form pyramidal and spreading. Foliage dark, lustrous green, turning to golden yellow in autumn. Flowers creamy white and fragrant. A winner for landscape and lawn planting.

	Each	10
8 to 10 feet.....	\$1 50	\$12 50
6 to 8 feet.....	1 00	8 00

ULMUS • Elm

Ulmus alata. *Wahoo or Winged Elm.* A medium-sized tree, with corky branches. Leaves dark green, fading to yellow in autumn. A fine shade tree and largely planted as lawn specimens.

Prices of *Ulmus alata*

	Each	10	100
2 to 2½ inch caliper.....	\$2 50	\$20 00	
1½ to 2 inch caliper.....	2 00	17 50	
8 to 10 feet high.....	1 50	12 50	\$100 00

U. americana. *American, White, or Water Elm.* One of the most picturesque and stately trees that grow. In old specimens the top branches are long and curve gently downward at the ends. Foliage is notched, dull green, turning to dull yellow in autumn. For lawn, street, or landscape, large specimens like ours will give quick results and present a distinctive appearance.

	Each	10	100
2½ to 3 inch caliper.....	\$4 25	\$34 00	\$250 00
2 to 2½ inch caliper.....	3 25	25 00	180 00
1½ to 2 inch caliper.....	2 00	16 00	120 00
8 to 10 feet high.....	1 25	10 00	80 00

U. campestris. *English Elm.* A spreading, round-topped tree. Leaves broad, cut on borders, deep green. An excellent shade tree.

	Each	10	100
2 to 2½ inch caliper.....	\$3 00	\$24 00	\$180 00
1½ to 2 inch caliper.....	2 00	16 00	120 00
8 to 10 feet high.....	1 25	10 00	80 00

U. campestris corylifolia purpurea. *Purple-leaved English Elm.* Same as above, but has more handsome foliage, purple in spring, changing to green in summer.

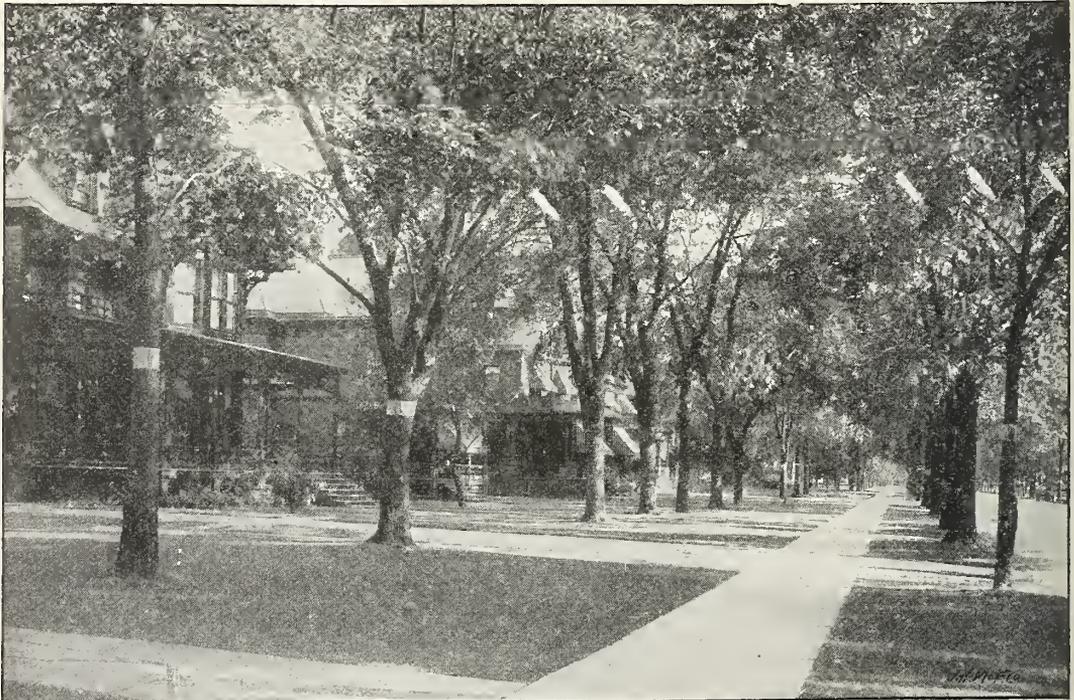
	Each	10
8 to 10 feet.....	\$2 00	\$17 50

U. fulva. *Slippery Elm.* A good lawn tree growing to 70 feet, and forming a broad, open head. Leaves small and borne in clusters.

	Each	10
8 to 10 feet.....	\$1 50	\$12 50
6 to 8 feet.....	1 25	10 00

U. montana pendula (*U. scabra pendula*). *Camperdown Weeping Elm.* Considered by many people the leading "weeper" for lawn planting. The long, slender branches droop gently, giving the tree an umbrella-like appearance.

	Each	10
2-year heads.....	\$2 00	\$18 00



Wouldn't a few of these *Ulmus americana* (American Elm) make your street and home more attractive? Get some of these 10-foot specimens from us. They are ready for immediate effect

Always plant the kinds of trees that will do best in your climate. We send trees and plants to every state in the Union, and they grow and thrive wherever planted. It pays to plant stock that gives results. Order from the Willadean Nurseries—the firm that uses its customers *right*.



A handsome planting of Deciduous Shrubs. Your home would look nice with a planting like this

DECIDUOUS FLOWERING SHRUBS

The proper way to plant shrubs is in irregular clumps, selecting varieties that will give harmony or contrast as desired. For planting in borders, about the house foundations, or in corners, flowering shrubs are the most effective. Some varieties are also good for specimen planting.

When you plant shrubs, be sure to dig the hole large enough to allow the roots to be set without cramping. It is always good policy to have the bottom of the hole a little larger than the top. The plant should be set firmly, the soil tamped gently, leaving a shallow space around the stem. This serves as a saucer to hold water.

Prune your shrubs after they have finished flowering, thinning out all dead or spindly branches. It is well to keep the soil about the plant stirred up so as to help retain the moisture about the roots. The dates given after the descriptions are the blooming periods.

ALTHAEA

Clumps of these shrubs make desirable additions to any lawn or landscape plan. They are strong, erect plants, and the colors of the different varieties blend nicely in a mass planting. They bear an abundance of delightful flowers from July to September.

	Each	10	100
4 to 5 feet.....	\$0 50	\$3 50	\$25 00
3 to 4 feet.....	35	2 50	18 00
2 to 3 feet.....	25	2 00	14 00

- Admiral Dewey.** Semi-double; white.
- Boule de Feu.** Red flowers; double; very distinct and handsome.
- Cælestis.** Free bloomer; violet-blue. 2 to 3 feet and 3 to 4 feet only.
- Comte de Haimont.** Double; white and pink.
- Duchesse de Brabant.** Large double flowers of reddish mauve.
- Elegantissima plena.** Double; white and rose.
- Foliis variegatis.** Large, double flowers of brilliant purple. Foliage variegated. 2 to 3 feet only.
- Jeanne d'Arc.** Wonderful snowy white; double.
- Meehanii foliis variegatis.** Single flowers of lavender-blue. Variegated foliage. 2 to 3 feet only.
- Pæoniiflora.** Very light pink; double.
- Rubra.** Single; red. 2 to 3 feet only.
- Souvenir de Charles Breton.** Violet-blue flowers; semi-double. 2 to 3 feet and 3 to 4 feet only.
- Tota alba.** Single; white. 2 to 3 feet and 3 to 4 feet only.

AMELANCHIER

Amelanchier Botryapium. Dwarf Juneberry. A handsome shrub, with silvery leaves and showy white flowers. Bears violet-blue berries after blooming. A very pretty and attractive shrub. June.

	Each	10	100
2 to 3 feet.....	\$0 30	\$2 50	\$18 00

A. canadensis. Shadbush. A bushy-growing variety of spreading habit. Shining green leaves. An excellent shrub for border plantings. June.

	Each	10	100
4 to 5 feet.....	\$0 50	\$4 00	
2 to 3 feet.....	25	2 00	\$18 00

AMORPHA

Amorpha canescens. Lead Plant. Low, compact shrub, covered with dense silvery foliage. Bears myriads of light blue flowers from June 5 to July 1.

	Each	10	100
15 to 18 inches.....	\$0 30	\$2 50	\$20 00

A. fruticosa. False Indigo. A handsome shrub growing to 8 feet tall. Foliage bright green and feathery. Indigo-colored flowers borne on stiff spikes. On account of its ultimate size this variety may also be used as a specimen plant. May 15 to June 1.

	Each	10	100
4 to 5 feet.....	\$0 50	\$3 50	\$22 50
3 to 4 feet.....	35	2 50	18 00
2 to 3 feet.....	25	2 00	15 00

AMYGDALUS · Almond

Amygdalus chinensis albo-plena. *Double White-flowered Almond.* An erect, slender shrub with bright, shiny foliage. Bears fragrant white flowers in May.

	Each	10	100
3 to 4 feet.....	\$0 75	\$5 00	\$40 00
2 to 3 feet.....	50	3 50	25 00

A. chinensis roseo-plena. *Double Pink-flowering Almond.* Same as the preceding in habit, but bears pink flowers. May.

	Each	10	100
3 to 4 feet.....	\$0 75	\$5 00	
2 to 3 feet.....	50	3 50	\$30 00

A. Persica albo-plena. *Double White-flowering Peach.* A handsome lawn shrub, bearing large, double, white flowers before the leaves open. April 5 to 20.

	Each	10	100
5 to 6 feet.....	\$0 75	\$5 00	\$40 00
4 to 5 feet.....	50	4 00	30 00

A. Persica rubro-plena. *Double Red-flowering Peach.* In shape and habit the same as the preceding. Flowers are red instead of white. Good for cutting. April 5 to 20.

	Each	10	100
5 to 6 feet.....	\$0 75	\$5 00	\$40 00
4 to 5 feet.....	50	4 00	30 00

ANDROMEDA

Andromeda arborea. *Sorrel Tree.* A medium-sized shrub, blooming in July. The flowers are white. Foliage is bright green, changing after the blooming period to golden red. A fine shrub for specimen planting.

	Each	10	100
3 to 4 feet.....	\$0 60	\$5 00	\$40 00
2 to 3 feet.....	40	3 50	30 00

ARALIA

Aralia japonica. A medium-sized shrub, with large leaves, and upright spikes of clear white flowers. Valuable on account of its late blooming. September 25 to October 15.

	Each	10	100
5 to 6 feet.....	\$0 75	\$6 00	\$50 00
3 to 4 feet.....	50	4 00	30 00

ARALIA, continued

A. pentaphylla. A graceful shrub, with gently drooping branches. Foliage is bright green, dense, and remains until late autumn. An excellent shrub for lawn planting, for it does well under unfavorable conditions.

	Each	10	100
3 to 4 feet.....	\$0 30	\$2 50	\$20 00
2 to 3 feet.....	25	2 00	16 00

A. spinosa. *Hercules' Club.* A large shrub, with large, bright green leaves. Branches are slender, and bear large trusses of creamy flowers, followed by dark purple berries. September.

	Each	10	100
4 to 5 feet.....	\$0 50	\$4 00	\$35 00
2 to 3 feet.....	30	2 50	20 00

AZALEA

For a real brilliant color effect this hardy shrub is unusually good. In the blooming period the entire shrub is a solid mass of color. Many tints and shades are shown in the different varieties, and a mass planting of them will leave little to be desired in the blooming season. If a proper selection is made, you can have some in flower from April to July.

Azalea arborescens. *Fragrant White Azalea.* A handsome shrub, with showy bright green foliage and fragrant white-and-pink flowers.

	Each	10	
1½ to 2 feet.....	\$0 75	\$6 50	

A. calendulacea. *Great Flame Azalea.* Very brilliant orange flowers with reddish cast. A very gorgeous shrub.

	Each	10	
1½ to 2 feet.....	\$1 00	\$8 00	

A. canadensis (*Rhodora canadensis*). Bears an abundance of violet-red flowers in large clusters.

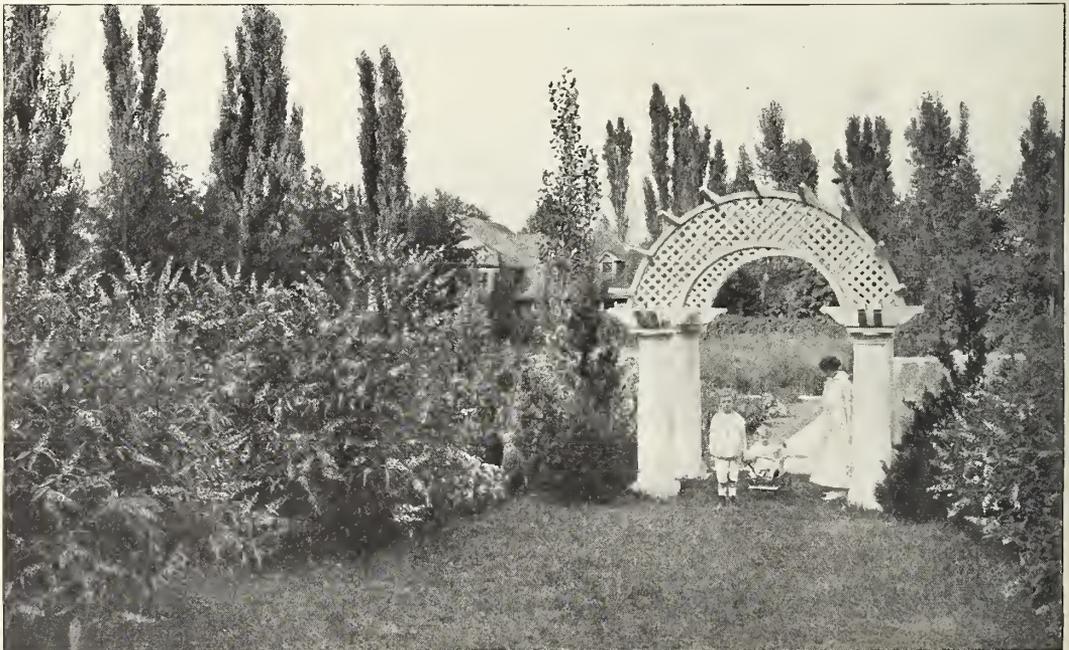
	Each	10	
2 to 3 feet.....	\$1 00	\$8 50	

A. mollis. Mixed colors. A distinct addition to the Azalea family. The shrubs are small, but the flowers are quite large, vari-colored, and abundant.

	Each	10	100
15 to 18 inches.....	\$0 75	\$6 50	
12 to 15 inches.....	60	5 00	\$40 00

A. mollis, Anthony Koster. A rare variety; golden yellow flowers.

	Each	10	
1½ to 2 feet.....	\$1 25	\$10 00	



Screen planting at entrance to Formal Garden of P. L. Atherton, Louisville, Ky. Buddleia in foreground



A gravel walk with a fine border of *Berberis Thunbergii* (Thunberg's Barberry). Pretty, isn't it?

AZALEA, continued

- A. nudiflora.** *Pinkster Flower.* Low-growing shrub, bearing deep pink flowers before the leaves unfold.
- | | | | |
|------------------|--------|--------|--|
| | Each | 10 | |
| 2 to 3 feet..... | \$1 00 | \$9 00 | |
- A. pontica.** *Hardy Ghent Azalea.* A fine variety. The flowers of the different sorts show a wide range of color. The dark green leaves turn to red and brown in fall.
- | | | | |
|-------------------|--------|--------|--|
| | Each | 10 | |
| 1½ to 2 feet..... | \$1 00 | \$8 00 | |
- A. Vaseyi.** *Southern Azalea.* A free-flowering shrub bearing an abundance of pinkish blooms.
- | | | | |
|-------------------|--------|---------|--|
| | Each | 10 | |
| 1½ to 2 feet..... | \$1 25 | \$10 00 | |
- A. viscosa.** Flowers white with rosy touch.
- | | | | |
|-------------------|--------|--------|--|
| | Each | 10 | |
| 1½ to 2 feet..... | \$1 00 | \$9 00 | |

BACCHARIS • Groundsel Bush

- Baccharis halimifolia.** An attractive small shrub. Foliage is dark green and remains on the bush until late autumn. Bears clusters of seed-pods from September until after frost. A valuable hardy shrub.
- | | | | |
|------------------|--------|--------|--|
| | Each | 10 | |
| 2 to 3 feet..... | \$0 35 | \$3 00 | |

BERBERIS • Barberry

- Berberis canadensis.** *Canadian Barberry.* A low shrub, with bright green foliage, changing to orange and bronze. A good ornamental shrub for massing in front of taller sorts.
- | | | | |
|------------------|--------|--------|--|
| | Each | 10 | |
| 2 to 3 feet..... | \$0 30 | \$2 50 | |
- B. ilicifolia.** Large, dark green leaves remaining until late winter. Good for planting about the cellar walls, etc.
- | | | | |
|------------------|--------|--------|--|
| | Each | 10 | |
| 3 to 4 feet..... | \$0 40 | \$3 50 | |
| 2 to 3 feet..... | 35 | 3 00 | |

B. Thunbergii. See Hedge Plants, page 43.

- B. vulgaris.** *Common European Barberry.* A taller grower than the other varieties. Branches more upright; foliage dark green. Bears dense clusters of golden flowers in May, and scarlet berries from August through winter.
- | | | | |
|------------------|--------|--------|---------|
| | Each | 10 | 100 |
| 4 to 5 feet..... | \$0 50 | \$4 00 | |
| 3 to 4 feet..... | 35 | 3 00 | \$20 00 |
| 2 to 3 feet..... | 25 | 2 00 | 15 00 |

BERBERIS, continued

- B. vulgaris atropurpurea.** *Purple-leaved Barberry.* A handsome low shrub with purple foliage. Very pleasing effects are obtained by planting with green-leaved varieties. Make a pretty hedge.
- | | | | |
|------------------|--------|--------|---------|
| | Each | 10 | 100 |
| 5 to 6 feet..... | \$0 75 | \$6 00 | |
| 4 to 5 feet..... | 50 | 4 00 | \$25 00 |
| 3 to 4 feet..... | 35 | 2 50 | 20 00 |
| 2 to 3 feet..... | 25 | 2 00 | 15 00 |

BROUSSONETIA

- Broussonetia papyrifera.** *Paper Mulberry.* A quick-growing shrub, with light green, furry leaves. Branches are thick and stubby. Bears red flowers in May. A good lawn shrub.
- | | | | |
|------------------|--------|--------|--|
| | Each | 10 | |
| 3 to 4 feet..... | \$0 50 | \$4 00 | |

BUDDLEIA

- Buddleia intermedia.** *Hybrid Buddleia.* A graceful shrub growing to 6 feet. Leaves large, dark green, and numerous. Flowers light purple, in long drooping spindles. July 10 to October 20.
- | | | | |
|------------------|--------|--------|---------|
| | Each | 10 | 100 |
| 2 to 3 feet..... | \$0 30 | \$2 50 | \$20 00 |
- B. Lindleyana.** *Chinese Buddleia.* A neat-looking shrub, with long narrow, dark green leaves. Bears dark purple flowers all through summer.
- | | | | |
|------------------|--------|--------|---------|
| | Each | 10 | 100 |
| 3 to 4 feet..... | \$0 35 | \$3 00 | \$25 00 |

- B. variabilis.** *Sweet-scented Buddleia.* This variety bears handsome lilac flowers with orange spot; very pleasantly scented. Leaves large and handsome. July 10 to frost.
- | | | | |
|------------------|--------|--------|---------|
| | Each | 10 | 100 |
| 2 to 3 feet..... | \$0 30 | \$2 50 | \$20 00 |

- B. Veitchii.** An extremely handsome shrub, with large, long green leaves tinged with light pink. Bears long clusters of sweetly scented reddish lilac flowers. July 10 to frost.
- | | | | |
|------------------|--------|--------|---------|
| | Each | 10 | 100 |
| 2 to 3 feet..... | \$0 30 | \$2 50 | \$20 00 |

CALLICARPA • French Mulberry

- Callicarpa purpurea.** *Purple-fruited Callicarpa.* A hardy shrub with large dark green leaves. Bears a profusion of pink flowers, followed by purple fruits remaining until midwinter. Blooms in August and berries begin in September. An excellent lawn shrub.
- | | | | |
|------------------|--------|--------|---------|
| | Each | 10 | 100 |
| 2 to 3 feet..... | \$0 30 | \$2 50 | \$18 00 |

CALYCANTHUS · Sweet-Scented Shrub

Calycanthus floridus. *Carolina Allspice.* A fine ornamental shrub, with large green leaves, rough on upper surface. Handsome chocolate-colored flowers having a marked spicy odor. Excellent for planting with shrubs bearing flowers of other colors. April.

	Each	10	100
3 to 4 feet.....	\$0 50	\$4 00	\$30 00
2 to 3 feet.....	30	2 50	20 00

C. præcox. Not quite so hardy as Floridus. Flowers chocolate in center and yellow outside; fragrant and striking. Blooms very early.

	Each	10
2 to 3 feet.....	\$0 35	\$3 00

CARAGANA · Pea Tree

Caragana arborescens. *Siberian Pea Shrub.* Grows to considerable size. Leaves are compound and composed of numerous small leaflets; bright green. Flowers golden yellow. A neat shrub and large enough to create a splendid effect as specimen plants. Blooms in May.

	Each	10
3 to 4 feet.....	\$0 35	\$3 00

CEANOTHUS · New Jersey Tea

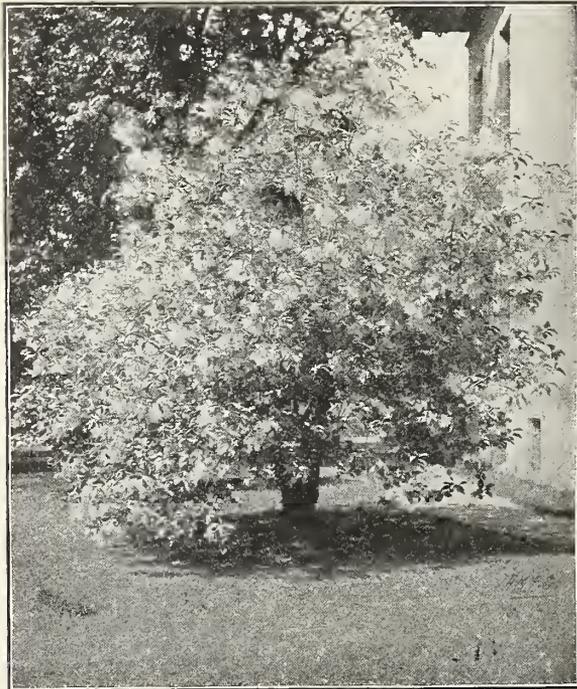
Ceanothus americanus. Grows to 2 feet. Very good for massing in front of taller shrubs. Leaves dazzling green. Flowers white and numerous. June and July.

	Each	10	100
2 to 2½ feet.....	\$0 35	\$3 00	\$25 00

CEPHALANTHUS · Button Bush

Cephalanthus occidentalis. A tall-growing shrub, with lustrous dark green leaves. Bears dense heads of fragrant, creamy white flowers. A handsome shrub in mass plantings but is also good as specimens. Especially adapted to wet places. July.

	Each	10
3 to 4 feet.....	\$0 40	\$3 00
2 to 3 feet.....	30	2 50



handsome specimen of *Chionanthus virginica* (Fringe Tree)

CHIONANTHUS · Fringe Tree

Chionanthus virginica. A large, well-shaped shrub, with glossy green foliage. Flowers pure white and thread-like, borne in long panicles. June.

5 to 6 feet, \$1 each,	
\$8 for 10.	
4 to 5 feet, 75 cts.	
each, \$5 for 10,	
\$40 per 100.	
3 to 4 feet, 50 cts.	
each, \$3.50 for 10.	



Clethra alnifolia

CLETHRA

Clethra alnifolia. *Sweet Pepperbush.* A vigorous, compact shrub growing to about 4 feet. Foliage dark lustrous green, fading to yellow in fall. Flowers creamy white, fragrant, borne in erect spikes. A very handsome shrub for planting in front of taller plants. Blooms July 15 to August 15.

2 to 2½ feet, 35 cts.	
each, \$3 for 10.	
1½ to 2 feet, 25 cts.	
\$2 for 10.	

COLUTEA · Bladder Senna

Colutea arborescens. A tall shrub of dense habit. Leaves dark green, and composed of ten or more small leaflets. Flowers yellow with a tinge of chocolate color, followed by brown seed-pods. July 15 to August 20.

	Each	10
5 to 6 feet.....	\$0 50	\$4 00
2 to 3 feet.....	30	2 50

COMPTONIA

Comptonia asplenifolia. *Sweet Fern.* A handsome little shrub rarely exceeding 3 feet in height. Bark is brown; foliage dark green and fern-like. Flowers are yellowish red, followed by reddish seed-pods. Perfectly hardy. June 1 to 25.

	Each	10
2 to 2½ feet.....	\$0 35	\$3 00

CORYLUS · Hazel

Corylus americana. Leaves large, velvety green. The young branches are covered with a hairy growth. Bears numerous small brownish nuts.

	Each	10	100
2 to 3 feet.....	\$0 40	\$3 50	\$30 00

C. Avellana. *Filbert.* A tall, spreading shrub, with heart-shaped, deep green leaves. The nuts are large and have fine edible kernels. Good for screens and as a background for small shrubs.

	Each	10	100
4 to 5 feet.....	\$0 60	\$5 00	
3 to 4 feet.....	50	4 00	
2 to 3 feet.....	35	2 50	\$20 00

C. Avellana atropurpurea. *Purple-leaved Filbert.* A very distinct shrub having deep purple foliage. Grows low, but on account of the remarkable color of the leaves it is equally valuable for either mass or specimen planting. Makes a pleasing contrast when planted with the preceding variety.

	Each	10
2 to 3 feet.....	\$0 50	\$4 00

CORNUS, continued



Specimen of *Cornus florida* (White-flowering Dogwood)

CORNUS · Dogwood

For planting in borders or in wet locations the Dogwoods are valuable and effective shrubs. They are hardy, vigorous growers, and bear a profusion of showy flowers. The bright colors of the blooms and handsome foliage make striking effects in either mass planting or borders, while some of the larger varieties are good as specimens.

Cornus alternifolia. Grows to 25 feet. Good for specimen planting. Leaves large and fragrant; flowers white in early spring; followed by purplish blue fruits.

	Each	10	100
3 to 4 feet.....	\$0 50	\$4 00	

C. candidissima (*C. paniculata*). A handsome shrub with grayish branches. Both flowers and fruit are white.

	Each	10	100
3 to 4 feet.....	\$0 50	\$4 00	\$30 00
2 to 3 feet.....	35	3 00	25 00

C. florida. *White Dogwood.* A low-growing variety suitable for massing. Foliage wavy; sea-green. Flowers white, 4 inches across. Blooms in April.

	Each	10	100
5 to 6 feet.....	\$1 00	\$9 00	
4 to 5 feet.....	75	6 50	
3 to 4 feet.....	50	4 50	\$35 00
2 to 3 feet.....	35	3 00	25 00

C. florida flore-rubro. *Red-flowering Dogwood.* In form and habit the same as Florida. Flowers are large pink. April.

	Each	10	100
4 to 5 feet.....	\$2 00	\$17 50	
3 to 4 feet.....	1 50	14 00	
2 to 3 feet.....	1 00	9 00	\$75 00

C. florida pendula. *Weeping Dogwood.* A handsome shrub with long pendulous branches and white flowers. A good specimen tree.

	Each	10	100
4 to 5 feet.....	\$2 00	\$17 50	

C. alba flore-pleno. *Double White Dogwood.* Similar to Florida, except that the large flowers are double. May.

	Each	10	100
3 to 4 feet.....	\$2 00	\$17 50	
2 to 3 feet.....	1 50	12 50	

C. Mas. *Cornelian Cherry.* A large dense shrub, useful in specimen planting. Flowers yellow, in small clusters appearing in early spring before the leaves unfold. Small, cherry-shaped, scarlet fruits.

	Each	10	100
5 to 6 feet.....	\$0 75	\$6 00	
3 to 4 feet.....	50	4 00	
2 to 3 feet.....	35	2 50	

S. sanguinea. *European Red Osier.* A very handsome shrub the year round. In winter the branches are deep red. Leaves dark green; flowers greenish white. Berries black.

	Each	10	100
3 to 4 feet.....	\$0 50	\$4 00	\$30 00
2 to 3 feet.....	35	2 50	20 00

C. sericea (*C. Amomum*). *Silky Dogwood.* Fruit bluish; foliage long, narrow, dark green. Bears flowers in late spring.

	Each	10	100
2 to 3 feet.....	\$0 35	\$2 50	

C. sibirica. *Red Siberian Dogwood.* Very conspicuous in winter on account of its bright red bark. Handsome and useful in border planting.

	Each	10	100
4 to 5 feet.....	\$0 50	\$4 00	
3 to 4 feet.....	35	2 50	\$18 00
2 to 3 feet.....	25	2 00	16 00

C. sibirica foliis albo-marginatis (*C. alba argenteo-marginata*). *Silver-margin-leaved Siberian Dogwood.* A distinct shrub with finely marked silvery foliage. A low grower, but good for specimen planting.

	Each	10	100
3 to 4 feet.....	\$0 50	\$4 00	
2 to 3 feet.....	35	3 00	

C. Spaethii. *Gold-leaved Dogwood.* This variety is noted for its handsome foliage which is deeply edged with golden yellow. Makes an attractive lawn specimen.

	Each	10	100
2 to 3 feet.....	\$0 35	\$3 00	

C. stolonifera. *Red-Osier Cornel.* A spreading shrub with beautiful reddish purple branches. Foliage dark green above and paler beneath. Flowers white, followed by white berries. This shrub is a low grower and makes a fine appearance the whole year.

	Each	10	100
4 to 5 feet.....	\$0 50	\$4 00	
3 to 4 feet.....	35	3 00	\$22 50
2 to 3 feet.....	25	2 00	17 00

C. stolonifera aurea. A golden form of the preceding.

	Each	10	100
2 to 3 feet.....	\$0 35	\$3 00	



Flowers of *Cornus florida* (White-flowering Dogwood)

CRATAEGUS · Hawthorn

Crataegus coccinea. *Scarlet Thorn.* A tree-like shrub growing to 20 feet. Foliage deep green and lustrous. Flowers single, white. Bears vivid scarlet fruits in autumn. Blooms in May. Each 10 100
 5 to 6 feet.....\$1 00 \$8 00
 3 to 4 feet.....75 5 00 \$40 00

C. cordata. *Washington Thorn.* A handsome shrub growing to 30 feet. Foliage bright green, fading to yellow. Flowers coral-red and numerous. Each 10 100
 3 to 4 feet.....\$0 75 \$6 00 \$50 00
 2 to 3 feet.....50 4 00 35 00

C. Crus-galli. *Cockspur Thorn.* Valuable for hedges. A low-growing variety having long sharp thorns. Fruit is bright red in autumn. A very showy plant. May. Each 10 100
 4 to 5 feet.....\$0 60 \$5 00
 3 to 4 feet.....50 4 00 \$35 00
 2 to 3 feet.....35 3 00 25 00

C. Oxyacantha monogyna. *English Hawthorn.* Large shrub with spreading branches and attractive bright green leaves. A good hedge plant. Very attractive in mass plantings. Bears pale yellow flowers in spring. Each 10 100
 6 to 7 feet.....\$1 00 \$8 00
 5 to 6 feet.....75 6 00
 3 to 4 feet.....50 4 00

C. Oxyacantha monogyna albo-plena. Similar to the preceding except in flower; double white. Each 10 100
 4 to 5 feet.....\$1 00 \$8 00
 3 to 4 feet.....75 6 00

C. Oxyacantha Paulii. *Paul's Scarlet.* Considered the best Hawthorn. Flowers vivid scarlet. Each 10 100
 4 to 5 feet.....\$1 00 \$8 00
 3 to 4 feet.....75 6 00

CYDONIA · Quince

Cydonia japonica. *Japan Quince.* A showy shrub of bushy habit. Foliage glossy green; flowers brilliant scarlet. April. Each 10 100
 4 to 5 feet.....\$0 60 \$5 00
 3 to 4 feet.....50 4 00 \$30 00
 2 to 3 feet.....30 2 50 20 00

C. Maulei. *Dwarf Flowering Quince.* Very handsome lustrous foliage; flowers bright orange-yellow. A very pleasing lawn shrub. Dwarf grower. Each 10 100
 1½ to 2 feet.....\$0 50 \$4 00

C. pygmaea. A very dwarf variety; spreading habit of growth with brilliant scarlet flowers. Each 10 100
 1½ to 2 feet.....\$0 50 \$4 00

CYTISUS

Cytisus Laburnum. *Golden Chain.* A large shrub, with glossy bright green leaves. The flowers are golden yellow and borne in great profusion. Ideal for specimens but also good in mass planting. Each 10 100
 5 to 6 feet.....\$1 00 \$8 00
 3 to 4 feet.....75 6 00

DESMODIUM · Lespedeza

Lespedeza bicolor. A tall shrub with stiff slender branches. Foliage dark green; flowers rosy pink. An excellent shrub for massing, but is also desirable for specimen planting. Blooms in fall. Each 10 100
 3-year clumps.....\$0 35 \$3 00

Desmodium japonicum. A very attractive tall shrub, bearing white flowers. Blooms in fall. Each 10 100
 2-year plants.....\$0 35 \$3 00

D. penduliflorum. A free-flowering variety of great merit for both mass and specimen planting. Foliage dark green; flowers reddish purple, borne in thick, drooping clusters. Blooms September 1 to frost. Each 10 100
 2-year clumps.....\$0 35 \$3 00 \$25 00

DEUTZIA

A species of hardy shrubs of vigorous growth and habit. The flowers are very showy and borne in great profusion in May and June. Deutzias are easy to grow and will thrive with almost no care or cultivation, although a little attention will produce more and better flowers.

Each 10 100
 5 to 6 feet.....\$0 75 \$6 00
 4 to 5 feet.....50 4 00 \$25 00
 3 to 4 feet.....35 2 50 20 00
 2 to 3 feet.....25 2 00 16 00

Deutzia candidissima. An upright shrub, with numerous double white flowers.

D. crenata flore-pleno. A tall shrub, with double rosy white flowers borne in long spikes.

D. crenata flore-pleno Watereri. Similar to the above, but the flowers are single.

D. gracilis. A low-growing shrub of dense, compact habit. Flowers snowy white. Each 10 100
 18 to 24 inches.....\$0 25 \$2 00 \$16 00

D. Lemoinei. A low grower, with numerous arching branches. Foliage bright green. Flowers white, produced in abundance. Each 10 100
 18 to 24 inches.....\$0 25 \$2 00

D., Pride of Rochester. A handsome variety with large flowers of pinkish white.

D. scabra. *Rough-leaved Deutzia.* Good-sized white bell-shaped flowers in small clusters; single.

D. Wellsii. A beautiful variety with double white flowers, tinged with pink.



Deutzia Lemoinei makes an attractive lawn shrub



In early spring the flowers of the Forsythias appear in abundance

EXOCHORDA

Pearl Bush

Exochorda grandiflora. A neat-appearing shrub growing to 10 feet. Leaves bright green above, silvery green beneath, fading to yellow in fall. Flowers large, white, produced in clusters. May.

3 to 4 feet, 50 cts. each, \$4 for 10.
2 to 3 feet, 35 cts. each, \$2.50 for 10, \$20 per 100.

FORSYTHIA

Golden Bell

Forsythia intermedia. *Hybrid Golden Bell.* A fine lawn shrub on account of its size and attractiveness. Branches slender and arching; foliage lustrous dark green; flowers yellow, borne in great profusion.

	Each	10	100
5 to 6 feet.....	\$0 75	\$6 00	\$40 00
4 to 5 feet.....	50	4 00	30 00
3 to 4 feet.....	35	3 00	25 00
2 to 3 feet.....	25	2 00	18 00

F. suspensa. *Weeping Golden Bell.* A good specimen shrub with graceful, drooping branches. Foliage is dark green; flowers yellow. Each 10 100

F. Fortunei. *Fortune's Golden Bell.* More upright in growth than the preceding. Leaves dark green, three-lobed; flowers yellow in April. Each 10 100

4 to 5 feet.....	\$0 50	\$4 00	\$30 00
3 to 4 feet.....	35	3 00	20 00
2 to 3 feet.....	25	2 00	16 00

F. Sieboldii. A low shrub with slender, drooping branches. Foliage lustrous green; flowers golden yellow. Has a pleasing palm-like appearance. Each 10 100

4 to 5 feet.....	\$0 50	\$4 00	
3 to 4 feet.....	35	3 00	

F. viridissima. *Dark Green Forsythia.* A valuable shrub with dark green branches. Foliage very dark green; flowers golden yellow opening in early spring.

	Each	10	100
6 to 7 feet.....	\$0 75	\$6 00	
5 to 6 feet.....	50	4 00	
4 to 5 feet.....	35	2 50	\$22 50
3 to 4 feet.....	30	2 00	18 00

HAMAMELIS • Witch Hazel

Hamamelis japonica. A low-growing shrub of compact form. Bears yellow flowers in late fall or early spring, quite often when there is snow on the ground. Valuable on account of its hardness and blooming period. Each 10 100

H. virginica. *Witch Hazel.* A large spreading shrub. Leaves large and heart-shaped. Flowers are bright yellow, blooming in early fall. A good specimen shrub. Each 10 100

5 to 6 feet.....	\$0 75	\$6 00	
2 to 3 feet.....	35	3 00	\$25 00

HIPPOPHAE • Sea Buckthorn

Hippophae rhamnoides. A large shrub with spiny branches. Foliage is gray-green above and silvery beneath; flowers yellow, produced in early spring. Berries orange-red, ripening in fall. An excellent hedge plant. Each 10 100

2 to 3 feet.....	\$0 40	\$3 00	\$25 00
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ELAEAGNUS • Silver Thorn

Elaeagnus angustifolia. *Russian Olive.* A large shrub with shiny green foliage. Flowers are yellow, fragrant, and very pretty. Berries yellow. A handsome and attractive shrub for specimen planting. June.

	Each	10	
5 to 6 feet.....	\$0 50	\$4 00	
2 to 3 feet.....	30	2 50	

E. argentea. *Silver Berry.* An erect-growing shrub reaching considerable size. Foliage is silvery white; flowers yellow inside and silvery without; fragrant. Berries are silvery white. An excellent lawn shrub. Blooms in late June. Each 10 100

3 to 4 feet.....	\$0 50	\$4 00	
2 to 3 feet.....	35	2 50	

E. longipes. The "Goumi" of Japan. A large attractive shrub with silvery green foliage. The fragrant yellowish flowers appear in May, followed by a profusion of scarlet-yellow fruits with an agreeable, slightly acid taste. Each 10 100

3 to 4 feet.....	\$0 50	\$4 00	
2 to 3 feet.....	35	3 00	\$25 00

EUONYMUS

Spindle Tree, or Burning Bush

Euonymus alatus. *Winged Burning Bush.* A handsome shrub with bright green oval leaves, changing to crimson in fall. The branches are broad and corky winged. Each 10 100

2 to 3 feet.....	\$0 60	\$5 00	
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E. atropurpureus. *Burning Bush.* A large hardy shrub with pale green leaves turning to yellow in fall. Bears a large number of purple flowers, followed by bright red fruits. Very handsome for lawn planting. Each 10 100

4 to 6 feet.....	\$0 60	\$5 00	
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E. europæus. *European Spindle Tree.* A large tree-like shrub with dark green foliage. Flowers yellowish, followed by pinkish white fruits. A pleasing lawn specimen. Each 10 100

4 to 5 feet.....	\$0 40	\$3 00	
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Come to Sparta some time. Our door is always open and we shall be glad to see you.



Field of shrubs at Willadean Nurseries, *Hydrangea paniculata grandiflora* in the foreground

HYDRANGEA

Hydrangea arborescens. *Wild Hydrangea.* Grows to 8 feet tall. Foliage bright green, bluish underneath; flowers creamy white, borne in flat clusters. June.

	Each	10	100
2 to 3 feet.....	\$0 35	\$3 00	\$25 00

H. arborescens alba grandiflora. *Snowball Hydrangea.* A handsome low shrub, with large white flowers. Valuable for lawn and foundation planting on account of its long blooming period. May to August.

	Each	10	100
2 to 3 feet.....	\$0 40	\$3 00	
1½ to 2 feet.....	30	2 50	\$22 50

H. paniculata grandiflora. *Large-flowered Hydrangea.* We think this variety one of the most popular of all flowering shrubs. The foliage is a clear green. The flowers are pure white, changing to pink; large in size, and produced in large clusters. Makes an admirable hedge plant as it will stand much pruning. To produce very large clusters of flowers this variety should be pruned each spring. Blooms from July to September.

	Each	10	100
3 to 4 feet.....	\$0 50	\$3 50	\$25 00
2 to 3 feet.....	30	2 50	18 00
1½ to 2 feet.....	20	1 50	12 50

H. quercifolia. *Oak-leaved Hydrangea.* A distinct shrub, with very large leaves, deep green in summer, changing to beautiful colors in fall. Flowers white, borne in large clusters. A handsome ornamental shrub.

	Each	10	100
1½ to 2 feet.....	\$0 50	\$4 00	

HYPERICUM • St. John's-Wort

Hypericum aureum. *Golden Hypericum.* A dwarf shrub growing to about 3 feet. Foliage bluish green above and paler beneath. Flowers yellow, nearly 2 inches across. Excellent for massing in front of taller shrubs. July to August.

	Each	10	100
2 to 3 feet.....	\$0 35	\$3 00	\$20 00
10 to 15 inches.....	25	2 00	14 00

H. densiflorum. *Dense-flowered St. John's-Wort.* The leaves are long and narrow; dark green. Flowers bright golden yellow. July to August.

	Each	10	100
3 to 4 feet.....	\$0 40	\$3 00	\$20 00
2 to 3 feet.....	30	2 50	16 00

Hypericum Kalmianum. *Kalm's St. John's-Wort.* Foliage bluish green; flowers yellow. A low-growing variety for massing.

	Each	10	
8 to 10 inches.....	\$0 30	\$2 50	

H. patulum. Grows to about 3 feet. Foliage pleasing green the whole year. Flowers bright yellow. Good for planting in front of tall shrubs, where its low, spreading growth hides their bare stems.

	Each	10	
1½ to 2 feet.....	\$0 25	\$2 00	

H. prolificum. *Shrubby St. John's-Wort.* A low, dense shrub, growing to about 3 feet. Leaves shiny green; flowers golden yellow. A very handsome shrub in mass plantings. July to September.

	Each	10	100
3 to 4 feet.....	\$0 35	\$3 00	
2 to 3 feet.....	25	2 00	\$16 00

ILEX • Deciduous Holly

Ilex verticillata. *Black Alder, or Winterberry.* This fine shrub is famous for its sprays of scarlet berries which are much used for decorating. Bears white flowers in June.

	Each	10	
1½ to 2 feet.....	\$0 40	\$3 00	

INDIGOFERA

Indigofera floribunda. A pretty shrub bearing rosy flowers from June until November.

	Each	10	
1½ to 2 feet.....	\$0 50	\$4 00	

ITEA • Virginian Willow

Itea virginica. A low-growing shrub bearing an abundance of fragrant white flowers. Foliage lustrous green, changing to red in fall. June.

	Each	10	
2 to 2½ feet.....	\$0 40	\$3 00	

JASMINUM • Jasmine

Jasminum nudiflorum. *Naked-flowering Jasmine.* A valuable shrub on account of its early blooming period. Foliage dark green; flowers bright yellow. March.

	Each	10	
2 to 3 feet.....	\$0 35	\$3 00	

J. officinale. *Common White Jasmine.* A very graceful shrub, with long, slender branches. Foliage glossy green, affording delightful contrast with the finely scented white flowers. Blooms in spring.

	Each	10	
1½ to 2 feet.....	\$0 35	\$3 00	

KERRIA · Globe Flower

Kerria japonica (*Corchorus japonicus*). A low, green-branched shrub, with deeply cut, bright green foliage, changing to yellow. Flowers bright yellow, large, and showy. A very handsome shrub for mass planting. Continuous bloomer from June to October. Each 10
 1½ to 2 feet.....\$0 25 \$2 00

K. japonica argenteo-variegata. *Variegated-leaved Kerria.* A form of the preceding, and quite similar. Leaves are small, bright green, and margined with white edging. Each 10
 1½ to 2 feet.....\$0 30 \$2 50

K. japonica flore-pleno. *Double-flowered Kerria.* A vigorous shrub, with bright green foliage and double, yellow flowers; somewhat rose-shaped. July 1 to September 10. Each 10
 3 to 4 feet.....\$0 35 \$3 00 \$25 00
 2 to 3 feet..... 25 2 00 16 00

LAGERSTROEMIA · Crape Myrtle

Lagerstroemia indica. One of the most beautiful of all flowering shrubs. Grows to medium size, and is widely used in the South in specimen planting. Handsome red, pink and white flowers are borne from June until October. Each 10
 2 to 3 feet.....\$0 50 \$4 00
 1½ to 2 feet..... 40 3 50

LAURUS · Spice Wood

Laurus Benzoin. Grows to large size if not pruned. Foliage and wood aromatic; leaves large; flowers small, yellow. Can be sheared to any desired shape and makes excellent porch or lawn ornaments when used as tubbed specimens. Each 10 100
 3 to 4 feet.....\$0 50 \$4 00
 2 to 3 feet..... 35 3 00 \$25 00

L. Sassafras. A handsome shrub, with light green foliage, changing to gold and red in fall. Likes a sunny location. Each 10
 3 to 4 feet.....\$0 40 \$3 00
 2 to 3 feet..... 30 2 50

LIGUSTRUM · Privet. See page 43

LONICERA · Honeysuckle

Lonicera bella candida. A pretty shrub of low growth. Foliage bluish green; flowers white. Blooms in April. Each 10 100
 3 to 4 feet.....\$0 40 \$3 00 \$25 00

L. fragrantissima. *Fragrant Upright Honeysuckle.* A large shrub with many spreading branches. Leaves bright green; nearly evergreen. Flowers creamy yellow; fragrant; open in early spring. Considered one of the finest plants where a tall hedge is wanted.

Each 10 100
 3 to 4 feet.....\$0 35 \$3 00 \$22 50
 2 to 3 feet..... 25 2 00 16 00

L. Heckrottii. A low shrub of bushy habit. Flowers are rosy pink. Each 10
 2 to 3 feet.....\$0 35 \$3 00

L. Ledebouri. A vigorous, low-growing shrub. Flowers fiery red. Each 10
 2 to 3 feet.....\$0 35 \$3 00

L. Morrowii. *Japanese Bush Honeysuckle.* Flowers are white. Bears scarlet berries in late summer and fall. April. Each 10 100
 4 to 5 feet.....\$0 50 \$4 00
 3 to 4 feet..... 35 3 00 \$25 00
 2 to 3 feet..... 25 2 00 16 00

L. tatarica. *Tartarian Honeysuckle.* A beautiful variety of considerable size. Leaves bright green; flowers light pink, followed by orange-red berries. Each 10 100
 3 to 4 feet.....\$0 35 \$3 00 \$22 50
 2 to 3 feet..... 25 2 00 16 00

L. tatarica alba. *White Tartarian Honeysuckle.* Flowers are white, and fragrant. In form and habit the same as the preceding. Each 10 100
 3 to 4 feet.....\$0 35 \$3 00
 2 to 3 feet..... 25 2 00 \$16 00

LONICERA, continued

L. tatarica rosea grandiflora. Flowers are creamy pink, large. Each 10 100
 2 to 3 feet.....\$0 30 \$2 50 \$20 00

L. Ruprechtiana. *Manchurian Honeysuckle.* Flowers white and fragrant. Bears vivid red berries in June. Each 10
 2 to 3 feet.....\$0 35 \$3 00

MALUS · Fragrant Flowering Crab

All varieties Each 10 100
 5 to 6 feet.....\$1 00 \$9 00
 4 to 5 feet..... 75 6 00
 3 to 4 feet..... 50 4 00 \$35 00
 2 to 3 feet..... 40 3 00 25 00

Malus atrosanguinea. A fine ornamental shrub of good size. Flowers are deep purple, followed by small fruits.

M. baccata. A large shrub or small tree. Foliage bright green; flowers white and fragrant.

M. floribunda. A handsome shrub, bearing sweet-scented, pink flowers. April.

M. floribunda Niedswetzkyana. Bears pinkish white flowers. A fine decorative shrub. April.

M. floribunda Scheideckeri. *Double-flowering Crab.* The flowers of this variety are rosy white and of double formation.

M. ioensis Bechteli. *Bechtel's Double-flowering Crab.* A fine shrub, forming a symmetrical compact bush. The rose-like flowers are fragrant, double, and freely produced.

MYRICA · Wax Myrtle

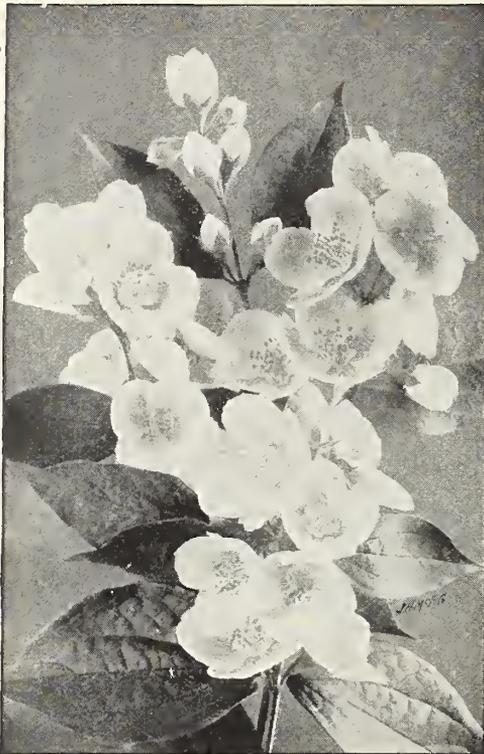
Myrica cerifera. A large shrub, with deep green foliage, nearly evergreen; fragrant. Bears bluish purple berries. Each 10
 12 to 15 inches.....\$0 35 \$3 00

PAVIA · Buckeye Chestnut

Pavia macrostachya. *Dwarf Horse-Chestnut.* Smooth, shining green foliage. Flowers snowy white, borne in profusion in spring. Each 10
 3 to 4 feet.....\$1 00 \$9 00



A mass planting of *Lonicera Morrowii* (Bush Honeysuckle)



The white flowers of *Philadelphus coronarius*

PHILADELPHUS • Mock Orange

A family of pleasing shrubs, growing to about 10 feet. The flowers are usually fragrant, and borne in loose, open clusters, blooming in early May and lasting for about a month. They make valuable decorative shrubs in either mass or specimen planting.

Philadelphus coronarius. *Common Mock Orange.* A profuse bloomer, bearing snowy white flowers.

	Each	10	100
4 to 5 feet.....	\$0 50	\$4 00	\$30 00
3 to 4 feet.....	35	3 00	25 00
2 to 3 feet.....	25	2 00	16 00

P. coronarius aureus. *Golden Mock Orange.* A form of the above. Foliage is a beautiful golden yellow.

	Each	10
1½ to 2 feet.....	\$0 50	\$4 00
15 to 18 inches.....	35	3 00

P. coronarius grandiflorus. *Large-flowered Mock Orange.* Flowers large, white; leaves large. One of the leading varieties for specimen planting.

	Each	10	100
5 to 6 feet.....	\$0 60	\$5 00	\$40 00
4 to 5 feet.....	50	4 00	30 00
3 to 4 feet.....	35	2 50	22 00
2 to 3 feet.....	25	2 00	16 00

P. coronarius, Manteau d'Hermine. Bears a great abundance of sweetly scented, white flowers. A nice shrub for mass planting.

	Each	10
2 to 3 feet.....	\$0 35	\$3 00

P. Lemoinei, Avalanche. *Hybrid Mock Orange.* A pretty, graceful shrub, with slender, arching branches. Flowers white, and borne so profusely as almost to cover the shrub.

	Each	10
3 to 4 feet.....	\$0 50	\$4 00
2 to 3 feet.....	35	3 00

P. coronarius erectus. Another one of Lemoine's hybrids. Flowers white. Shrub has a vigorous erect habit.

	Each	10
3 to 4 feet.....	\$0 50	\$4 00

POTENTILLA • Cinquefoil

Potentilla fruticosa. A low-growing shrub of upright habit. Foliage dark green; flowers golden yellow. A handsome shrub, used in mass planting. Blooms all summer.

	Each	10
15 to 18 inches.....	\$0 35	\$3 00

PYRUS (ARONIA) • Chokeberry

Pyrus arbutifolia. *Red Chokeberry.* A handsome shrub, with downy, dark green leaves. Flowers are pure white, followed by scarlet berries.

	Each	10
2 to 3 feet.....	\$0 35	\$3 00

P. nigra. *Black Chokeberry.* In foliage and habit the same as the preceding. Berries are black and large.

	Each	10
2 to 3 feet.....	\$0 35	\$3 00

RHAMNUS • Buckthorn

Rhamnus caroliniana. *Indian Cherry.* A tall-growing shrub, with lustrous dark green foliage. Fruit red, changing to black; sweet.

	Each	10	100
3 to 4 feet.....	\$0 50	\$4 00	
2 to 3 feet.....	35	3 00	\$25 00

R. cathartica. *Common Buckthorn.* A large shrub, with dark green foliage, changing to yellow in fall. The branches are thorny and almost impassable. A fine hedge plant. Bears a myriad of black berries.

	Each	10	100
6 to 7 feet.....	\$0 50	\$4 50	
5 to 6 feet.....	40	3 50	
3 to 4 feet.....	35	3 00	\$25 00
2 to 3 feet.....	25	2 00	15 00

R. Frangula. *Alder Buckthorn.* Grows to about 12 feet. Leaves dark green, changing to orange and red. Fruit red, changing to black.

	Each	10
4 to 5 feet.....	\$0 40	\$3 50

RHODOTYPOS • White Kerria

Rhodotypos kerrioides. A handsome shrub, with large, green leaves and dainty white flowers. Black berries follow the blooming period. May.

	Each	10	100
3 to 4 feet.....	\$0 35	\$3 00	\$25 00
2 to 3 feet.....	25	2 00	16 00

RHUS • Sumach

Rhus canadensis (R. aromatica). *Fragrant Sumach.* A spreading shrub growing to 7 feet. The leaves are large, dark green, and delightfully fragrant and turn to scarlet in fall.

	Each	10
3 to 4 feet.....	\$0 50	\$4 00
2 to 3 feet.....	35	3 00

R. copallina. *Black Sumach.* Grows to 25 feet. Leaves glossy green, changing to red in fall. Flowers greenish, and borne at the ends of the branches. July and August.

	Each	10	100
3 to 4 feet.....	\$0 50	\$4 00	\$30 00
2 to 3 feet.....	35	3 00	20 00

R. cotinoides. *Chittam Wood.* A strong shrub of erect growth and irregular shape. Foliage smooth and glossy; flowers greenish yellow. May.

	Each	10
3 to 4 feet.....	\$0 50	\$4 00
2 to 3 feet.....	35	3 00

R. Cotinus. *Purple Fringe, or Smoke Tree.* A large handsome shrub, presenting a novel appearance when in bloom. Bark brown; leaves bright green, changing to red and yellow; flowers smoky purple. A fine lawn shrub. May 20 to June 10.

	Each	10	100
6 to 7 feet.....	\$1 00	\$8 00	
5 to 6 feet.....	75	6 00	
4 to 5 feet.....	50	4 00	\$35 00
3 to 4 feet.....	35	3 00	25 00
2 to 3 feet.....	25	2 00	16 00

R. glabra. *Smooth Sumach.* Long, narrow leaves; green above and white beneath, turning scarlet in fall. Flowers in large, pyramid-shaped clusters at ends of branches, followed by hairy seeds.

	Each	10	100
4 to 5 feet.....	\$0 40	\$3 50	\$25 00
3 to 4 feet.....	30	2 50	20 00
2 to 3 feet.....	25	2 00	15 00

RHUS, continued

Rhus typhina. Stagbhorn Sumach. A very hardy shrub attaining 25 feet in height. Leaves dark green above, paler beneath, turning to scarlet, purple, and orange; fruit red. A brilliantly colored shrub in autumn.
 Each 10 100
 3 to 4 feet.....\$0 35 \$3 00
 2 to 3 feet..... 25 2 00 \$16 00

R. typhina laciniata. Fern-leaved Stagbhorn Sumach. One of our most brilliant shrubs in fall, when the dark green foliage assumes dazzling tones of orange, scarlet, and purple. Leaves deeply cut and fern-like. Grows large enough to be useful in specimen planting, but for a blaze of color it should be planted in masses.
 Each 10 100
 3 to 4 feet.....\$0 50 \$4 00
 2 to 3 feet..... 35 3 00 \$25 00

RIBES · Flowering Currant

Ribes aureum. Missouri or Flowering Currant. A medium-sized shrub, with green, shiny leaves and an abundance of fragrant yellow flowers. Fruit black.
 Each 10 100
 3 to 4 feet.....\$0 35 \$3 00
 2 to 3 feet..... 25 2 00 \$16 00

R. Gordonianum. Pink-flowered Currant. A large shrub, with numerous erect branches. Foliage bright glossy green, turning to yellow; flowers rosy pink, deliciously fragrant.
 Each 10 100
 3 to 4 feet.....\$0 35 \$3 00 \$25 00
 2 to 3 feet..... 25 2 00

R. sanguineum. Red-flowered Currant. Somewhat similar to the preceding in form and habit. Flowers fragrant, bright crimson, and very showy. A handsome ornamental shrub.
 Each 10 100
 2 to 3 feet.....\$0 35 \$3 00

RUBUS · Flowering Raspberry

Rubus odoratus. A low, spreading shrub, with very large leaves, shaped like a maple leaf. Flowers rosy purple, large, followed by crimson berries. A very showy ornamental.
 Each 10 100
 2 to 3 feet.....\$0 30 \$2 50 \$20 00

R. roseifolius (R. rosæfflorus). A tall-growing shrub, almost evergreen in the South. Flowers snowy white; fruit red.
 Each 10 100
 12 to 18 inches.....\$0 25 \$2 00

SAMBUCUS · Elder

Sambucus canadensis. Common Elder. A tall shrub, with pithy stems. Bears large heads of white flowers, followed by dark red berries. June.
 Each 10 100
 3 to 4 feet.....\$0 35 \$3 00 \$22 00
 2 to 3 feet..... 25 2 00 16 00

S. canadensis laciniata. A fine shrub similar to the preceding. Leaves are deeply cut.
 Each 10 100
 2 to 3 feet.....\$0 30 \$2 50

S. nigra. European Elder. Grows to 20 feet. Leaves dark green; flowers white, borne in large, flat-topped clusters. A showy, vigorous shrub. Berries black. June.
 Each 10 100
 3 to 4 feet.....\$0 30 \$2 50

S. nigra aurea. Golden Elder. A form of the above with golden yellow foliage.
 Each 10 100
 4 to 5 feet.....\$0 50 \$4 00 \$30 00
 3 to 4 feet..... 35 3 00 25 00

S. racemosa plumosa. Bears large clusters of showy flowers. Leaves are deeply toothed and droop slightly.
 Each 10 100
 3 to 4 feet.....\$0 35 \$3 00

S. variegata. Grows to about 10 feet. Foliage is silvery green, with yellowish white markings.
 Each 10 100
 2 to 3 feet.....\$0 30 \$2 50



Rhus Cotinus (Purple Fringe, or Smoke Tree)

STEPHANANDRA

Stephanandra flexuosa. A low shrub, with numerous gracefully arching branches giving a spray-like effect. Foliage glossy green, changing to red and purple. Flowers ivory-white, produced in abundance. A fine hedge plant. June.
 Each 10 100
 3 to 4 feet.....\$0 50 \$4 00
 2 to 3 feet..... 35 3 00 \$25 00

S. Tanakæ. A fine shrub, with glossy foliage, turning to orange and red. Flowers white. June.
 Each 10 100
 2 to 2½ feet.....\$0 50 \$4 00

SPIRAEA · Spirea

Length and abundance of bloom in flowering shrubs are given by the graceful Spiræas. Some of them bloom in May, others in midsummer, and more in September. The blooming periods given are not absolutely accurate, for it depends largely on the climatic conditions, but the dates will prove near the average year after year. Spiræas are graceful, compact bushes, and many of them possess great hardiness. They will bloom in profusion, if planted in fertile soil, and should be allowed full sun, although it is not necessary. A planting of Spiræas is always a credit to the grounds, and for foundation and mass planting they are very useful.

Spiræa, Anthony Waterer. A dwarf variety growing to about 3 feet in height. Flowers crimson, blooming from June to October.
 Each 10 100
 1½ to 2 feet.....\$0 30 \$2 50 \$18 00
 15 to 18 inches..... 25 2 00 16 00

S. arguta. Flowers white, very profuse. Foliage dark green; fern-like. May.
 Each 10 100
 2 to 3 feet.....\$0 30 \$2 50 \$20 00

S. Billiardii. Flowers rosy pink. Foliage deeply cut. June 5 to July 30.
 Each 10 100
 4 to 5 feet.....\$0 50 \$4 00 \$30 00
 3 to 4 feet..... 35 3 00 22 00
 2 to 3 feet..... 25 2 00 16 00

S. Bumalda. A very free-flowering variety. Flowers rose-colored, borne in large clusters. All summer.
 Each 10 100
 1½ to 2 feet.....\$0 30 \$2 50 \$20 00

S. callosa. Flowers deep pink. Foliage bluish purple, very attractive. June to October.
 Each 10 100
 2 to 3 feet.....\$0 30 \$2 50 \$20 00

S. callosa alba. Fortune's Dwarf White Spirea. A low form of remarkable beauty. Flowers white. All summer.
 Each 10 100
 18 to 24 inches.....\$0 35 \$3 00
 12 to 15 inches..... 25 2 00 \$16 00

S. Douglasii. Branches are reddish brown. A very hardy form bearing large clusters of deep pink flowers. Largely planted in the West. June to August.
 Each 10 100
 2 to 3 feet.....\$0 25 \$2 00 \$16 00



Notice how this simple and inexpensive planting of *Spiraea Vanhouttei* hides the foundation of this house

SPIRAEA, continued

S. opulifolia. A tall variety, bearing clusters of white flowers, followed by red berries. June to August.

	Each	10	100
5 to 6 feet.....	\$0 50	\$4 00	
3 to 4 feet.....	35	3 00	\$25 00
2 to 3 feet.....	25	2 00	16 00

S. opulifolia aurea. One of the handsomest of all flowering shrubs. The flowers are ivory-white, produced in long, slender clusters. The leaves are a beautiful golden yellow, forming a delightful contrast with the white flowers and the foliage of other varieties. May 1 to June 1.

	Each	10	100
5 to 6 feet.....	\$0 50	\$4 00	
3 to 4 feet.....	35	2 50	\$20 00

S. prunifolia flore-pleno. *Bridal Wreath.* An exceedingly attractive form, bearing a multitude of white flowers. The glossy green foliage becomes orange-red in fall. April and May.

	Each	10	100
3 to 4 feet.....	\$0 35	\$3 00	\$22 00
2 to 3 feet.....	25	2 00	18 00

S. Reevesiana. A tall shrub, bearing clusters of creamy white flowers. Branches droop slightly and are nearly hidden by flowers. May.

	Each	10	
3 to 4 feet.....	\$0 35	\$3 00	
2 to 3 feet.....		30	2 50

S. rotundifolia. Flowers white, borne on slender, arching branches. June.

	Each	10	
2 to 3 feet.....	\$0 35	\$3 00	

S. semperflorens. An upright shrub, with toothed leaves and clusters of pink flowers. July and August.

	Each	10	100
4 to 5 feet.....	\$0 40	\$3 00	\$25 00
3 to 4 feet.....	30	2 50	18 00

S. sorbifolia. A tall variety bearing long, showy clusters of white flowers. June.

	Each	10	
2 to 3 feet.....	\$0 35	\$3 00	

S. Thunbergii. Flowers white; foliage bright green. The earliest blooming Spiraea. April.

	Each	10	100
2 to 2½ feet.....	\$0 35	\$3 00	\$22 00
1½ to 2 feet.....	25	2 00	16 00

S. Vanhouttei. A graceful shrub, with numerous arching branches. Leaves dark green, with toothed margins. Flowers snowy white, borne in great profusion. We consider this one of the ideal shrubs for general planting either in hedges, masses, or as specimens. April and May.

	Each	10	100
5 to 6 feet.....	\$0 75	\$6 00	\$45 00
4 to 5 feet.....	50	4 00	30 00
3 to 4 feet.....	35	3 00	22 00
2 to 3 feet.....	25	2 00	15 00
1½ to 2 feet.....	20	1 50	12 00

STUARTIA

Stuartia pentagyna. A medium-sized shrub, with spreading branches. Foliage bright green, changing to orange and red. Flowers white, large, and showy. A very pretty shrub. June.

	Each	10	
2 to 3 feet.....	\$0 50	\$4 00	

STYRAX · Storax

Styrax japonica. A pleasing shrub, bearing a profusion of fragrant, showy, white flowers. A good specimen shrub, as it grows to 10 feet. June.

	Each	10	
2 to 3 feet.....	\$0 50	\$4 00	

SYMPHORICARPOS · Snowberry

Symphoricarpos conglomeratus (*S. glomeratus*). The branches are slender and numerous. Foliage bright green. Flowers purplish red. May and June.

	Each	10	
3 to 4 feet.....	\$0 40	\$3 50	

S. racemosus. *Snowberry.* A low shrub, with smooth, dark green leaves. Flowers are deep rose, followed by white, bead-like berries, remaining on the bush until forced off. July.

	Each	10	100
3 to 4 feet.....	\$0 35	\$3 00	\$22 00
2 to 3 feet.....	25	2 00	16 00

S. vulgaris. *Coral Berry.* A quick-growing shrub, producing a wealth of dark, purplish red berries in July.

	Each	10	100
3 to 4 feet.....	\$0 35	\$3 00	\$20 00
2 to 3 feet.....	25	2 00	15 00

S. vulgaris variegatus. Same as above, except the foliage which is handsomely marked with white and yellow.

	Each	10	
2 to 3 feet.....	\$0 35	\$3 00	

SYRINGA · Lilac

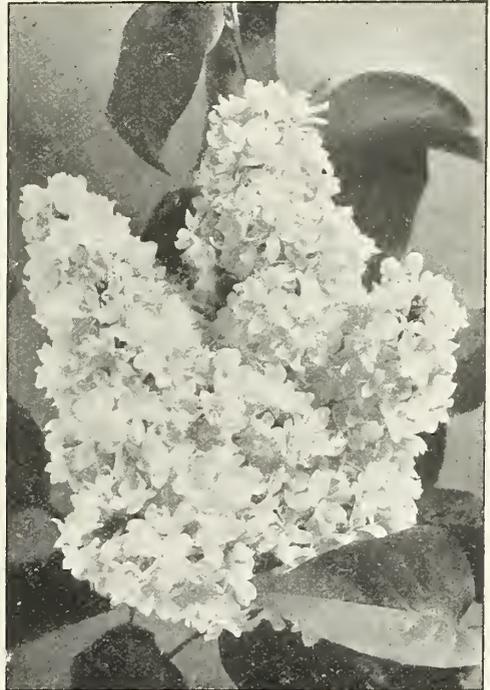
Among garden shrubs the Lilac is an old, established favorite. White, lilac, and red are the basic colors, and the large flower-clusters of most varieties are sweetly scented. The plant itself does not usually exceed 15 to 20 feet in height, Japonica being the largest as it grows to 30 feet. The Lilac does not require much care, for it will do well in any ordinary garden soil, but best results will be secured if the soil is well fertilized and allowed moderate moisture. The larger trees make good lawn specimens but the smaller varieties give a more handsome effect in mass planting. Bloom in May or June.

SYRINGA, continued

- Syringa japonica.** The tallest Lilac. Leaves glossy green; flowers yellowish white. The latest blooming Lilac. Each 10
- 3 to 4 feet.....\$0 50 \$4 00
- 2 to 3 feet.....40 3 50
- S. japonica Josikæa.** Hungarian Lilac. A late-blooming variety, with single, violet flowers. Each 10
- 3 to 4 feet.....\$0 50 \$4 00
- 2 to 3 feet.....35 3 00
- S. persica.** Pale violet flowers in large clusters. A pretty tree at all times. Each 10
- 2 to 3 feet.....\$0 35 \$3 00
- S. persica alba.** White flowers. Otherwise the same as Persica. Each 10
- 3 to 4 feet.....\$0 40 \$3 50
- S. rothomagensis (S. chinensis).** Rouen Lilac. A handsome variety, bearing large clusters of purple-lilac flowers. A free-flowering shrub, worthy of more extensive planting. Each 10 100
- 3 to 4 feet.....\$0 50 \$4 00
- 2 to 3 feet.....35 3 00 \$25 00
- S. vulgaris.** A fine shrub, bearing fragrant, purplish flowers. Single. Each 10 100
- 4 to 5 feet.....\$0 50 \$4 00
- 3 to 4 feet.....35 3 00 \$25 00
- 2 to 3 feet.....25 2 00 16 00
- S. vulgaris.** Like the above. Flowers white; fragrant. Each 10 100
- 4 to 5 feet.....\$0 60 \$5 00
- 3 to 4 feet.....40 3 00
- 2 to 3 feet.....30 2 50 \$20 00
- S. vulgaris, Charles X.** Large clusters of reddish purple flowers; single. Each 10
- 2 to 3 feet.....\$0 35 \$3 00
- S. vulgaris, Comtesse Horace de Choiseul.** Handsome flowers of pale lilac-blue; single. Each 10
- 2 to 3 feet.....\$0 40 \$3 50
- S. vulgaris, Frau Bertha Dammann.** Pure white, sweetly scented flowers; single. Each 10
- 3 to 4 feet.....\$0 50 \$4 00
- 2 to 3 feet.....40 3 00
- S. vulgaris, Marie Legraye.** A low variety, with large ivory-white flowers; single. Each 10
- 2 to 3 feet.....\$0 40 \$3 50
- S. vulgaris, Madame Lemoine.** Large white flowers; double. Each 10
- 2 to 3 feet.....\$0 40 \$3 50
- S. vulgaris, President Carnot.** Lavender flowers with white center; double. Each 10
- 3 to 4 feet.....\$0 50 \$4 00
- 2 to 3 feet.....40 3 00
- S. vulgaris, President Grevy.** Blue flowers in huge clusters; double. Each 10
- 3 to 4 feet.....\$0 50 \$4 00
- 2 to 3 feet.....40 3 00
- S. vulgaris, Souvenir de Louis Spaeth.** Pinkish purple flowers in large clusters; double. Each 10
- 3 to 4 feet.....\$0 50 \$4 00
- 2 to 3 feet.....40 3 00

TAMARIX · Tamarisk

- Tamarix africana.** A slender, graceful shrub, with light foliage and rosy white flowers. Branches are gently arching and have red bark. May. Each 10 100
- 5 to 6 feet.....\$0 50 \$4 50
- 3 to 4 feet.....35 3 00 \$22 00
- T. gallica.** French Tamarisk. A tall shrub, with bluish green leaves. Flowers are pink, and so dense as nearly to hide the branches. May. Each 10
- 3 to 4 feet.....\$0 35 \$3 00
- T. hispida æstivalis.** A vigorous, rapid-growing shrub, with feathery foliage. Flowers rosy white; very profuse. June to August. Each 10
- 2 to 3 feet.....\$0 35 \$3 00
- T. juniperina (T. japonica).** Slender branches; flowers pink; leaves bright green. May. Each 10
- 3 to 4 feet.....\$0 40 \$3 50



Flowers of Syringa (Lilac)

TAMARIX, continued

- T. odessana.** Caspian Tamarisk. A small shrub, with bright green foliage. Flowers pink. July. Each 10 100
- 4 to 5 feet.....\$0 50 \$4 00
- 2 to 3 feet.....35 3 00 \$25 00
- T. tetrandra.** Flowers pink, and very numerous. A graceful shrub, with slender branches. Each 10
- 2 to 3 feet.....\$0 35 \$3 00

VIBURNUM · Snowball

- Viburnum acerifolium.** Maple-leaved Viburnum. A graceful, medium-sized shrub, producing an abundance of snowy white flowers, followed by black berries. June. Each 10 100
- 2 to 3 feet.....\$0 40 \$3 50 \$25 00
- V. cassinoides.** Witbe-Rod. A hardy, free-flowering shrub, with green foliage changing to purple and red in fall. Flowers rosy white, followed by dark red berries. June. Each 10
- 2 to 2½ feet.....\$0 50 \$4 00
- V. dentatum.** Arrow-Wood. A low-growing shrub with broad bright green leaves deeply cut on margin. Flowers creamy white, borne in large flat clusters, followed by purple berries. June. Each 10 100
- 3 to 4 feet.....\$0 35 \$3 00 \$22 00
- 2 to 3 feet.....25 2 00 16 00
- V. dilatatum.** Japanese Bush Cranberry. A handsome graceful shrub of medium height. Foliage bright green, deeply cut. Flowers white, followed by scarlet fruits. A free-flowering shrub. Very useful for lawn planting. May and June. Each 10
- 1½ to 2 feet.....\$0 35 \$3 00
- V. Lantana.** Wayfaring Tree. Tall-growing shrub, with marked, heart-shaped leaves. Flowers in large clusters; white; borne in May. Each 10 100
- 4 to 5 feet.....\$0 50 \$4 00 \$27 00
- 3 to 4 feet.....30 2 50 20 00
- V. Lentago.** Shepperry. An upright shrub, with bright green leaves and creamy white fragrant flowers, followed by black egg-shaped fruits. Each 10 100
- 2 to 3 feet.....\$0 35 \$3 00 \$25 00

VIBURNUM, continued

V. macrocephalum. *Chinese Snowball.* A large handsome shrub with spreading branches and coarse green leaves. Flowers white, borne in broad clusters. A handsome shrub for lawn planting. June. Each 10
3 to 4 feet..... \$0 35 \$3 00
3 to 4 feet..... \$1 50

V. molle. *Common Viburnum.* A vigorous hardy shrub, with dark green foliage and large red flower-clusters. June. Each 10
3 to 4 feet..... \$0 35 \$3 00
2 to 3 feet..... 25 2 00

V. nudum. *Large Witbe-Rod.* An upright shrub with slender graceful branches and thick bright green leaves. Flowers ivory-white, changing to pink, followed by dark blue fruit. July. Each 10 100
1½ to 2 feet..... \$0 30 \$2 50 \$20 00

V. Opulus. *High-bush Cranberry.* A tall upright shrub with broad bright green foliage. Flowers creamy white, followed by scarlet berries which remain on the shrub all winter. A very handsome variety the year round. June. Each 10 100
5 to 6 feet..... \$0 75 \$6 00 \$50 00
4 to 5 feet..... 50 4 00 30 00
3 to 4 feet..... 35 3 00 25 00

V. Opulus nanum. A dwarf variety. Useful for edging and for planting in front of taller growing shrubs. In foliage and flower the same as the preceding. Each 10
8 to 10 inch..... \$0 35 \$3 00

V. Opulus sterile. *Snowball.* A fine shrub, bearing globes of snowy white flowers. One of the old garden favorites and a very pleasing lawn shrub. May. Each 10 100
4 to 5 feet..... \$0 50 \$4 00
3 to 4 feet..... 35 3 00 \$25 00
2 to 3 feet..... 25 2 00 16 00

V. prunifolium. *Black Haw, or Stag-Bush.* A tall-growing shrub with lustrous dark green foliage. Flowers snowy white, borne in erect clusters. A very handsome shrub for specimen planting. June. Each 10
3 to 4 feet..... \$0 50 \$4 50
2 to 3 feet..... 35 3 00

V. tomentosum. A vigorous hardy shrub of spreading habit. Foliage dark green with coppery edges. Flowers white, produced in large clusters and followed by red berries. Each 10
2 to 3 feet..... \$0 50 \$4 00

V. tomentosum plicatum. *Japan Snowball.* A handsome vigorous shrub, with showy white flowers in globe-shaped clusters. Foliage is dark green, making a delightful contrast with the white flowers. A neat-appearing lawn shrub. Each 10
3 to 4 feet..... \$0 60 \$5 00
2 to 3 feet..... 35 3 00

V. Carlesii. A new variety of great promise. The foliage is clear even green, densely borne on brown-barked branches. Flowers are rosy pink in large globe-shaped clusters. A free-flowering variety worthy of extensive lawn planting. Each 10
15 to 18 inches..... \$1 00 \$9 00

VITEX

Vitex Agnus-castus. *Chaste Tree.* A tall-growing shrub with extremely showy, dark green, aromatic foliage. Flowers lilac, borne in dense drooping clusters. A rare shrub, and very ornamental for lawn planting. July and August. Each 10
2 to 3 feet..... \$0 50 \$4 00

V. Agnus-castus alba. In form, habit, and foliage the same as the preceding. Flowers white. August. Each 10
3 to 4 feet..... \$0 50 \$4 00

WEIGELA · Diervilla

A handsome free-flowering shrub of easy culture. The branches are spreading and bear great masses of showy flowers in late spring or early summer. Some of the larger specimens are very good specimen plants but in mass plantings they show to best advantage. The dwarf varieties should be used in mass plantings.

WEIGELA, continued

Weigela amabilis. An attractive shrub with rosy white flowers. Free-flowering and very showy. Each 10 100
4 to 5 feet..... \$0 50 \$4 00
3 to 4 feet..... 35 3 00 \$25 00

W. candida. In form and habit the same as *Amabilis*. Flowers are snowy white. Good for specimen plantings. Each 10
5 to 6 feet..... \$0 75 \$6 00
4 to 5 feet..... 50 4 00
2 to 3 feet..... 30 2 50

W. floribunda. A free-flowering variety of great merit, large enough for specimen planting. Flowers chocolate color when opening, changing to rose color when fully open. Each 10
3 to 4 feet..... \$0 35 \$3 00

W. hybrida Desboisii. A beautiful shrub, bearing an abundance of deep rose-colored flowers. A remarkable shrub for general planting. Each 10
4 to 5 feet..... \$0 50 \$4 00
3 to 4 feet..... 35 3 00

W. hybrida, Eva Rathke. One of the finest Weigelas. Flowers rich violet-red with a shade of brown. A remarkably free bloomer and worthy of extensive planting. Large enough for lawn planting. Each 10
3 to 4 feet..... \$0 50 \$4 00
2 to 3 feet..... 40 3 50

W. hybrida Hendersonii. A low, compact shrub with reddish brown flowers. An excellent shrub for mass planting. Each 10 100
3 to 4 feet..... \$0 35 \$3 00 \$22 00
2 to 3 feet..... 25 2 00 17 00

W. hybrida Steltsneri. A handsome shrub bearing an abundance of dark blood-red flowers. A free-flowering variety of great merit. Each 10
3 to 4 feet..... \$0 50 \$4 00

W. hybrida Vanhouttei. The flowers of this fine variety are vivid carmine. A very striking shrub in either mass or specimen plantings. Each 10 100
4 to 5 feet..... \$0 50 \$4 00
3 to 4 feet..... 35 3 00 \$25 00

W. nana variegata. A very pleasing shrub with pale pink flowers. The foliage is beautifully variegated with white spots. Each 10
2 to 3 feet..... \$0 35 \$3 00

W. rosea. A very handsome variety with rosy pink flowers. Each 10 100
3 to 4 feet..... \$0 40 \$3 50
2 to 3 feet..... 25 2 00 \$17 00

XANTHOCERAS

Xanthoceras sorbifolia. A symmetrical shrub of upright habit. Leaves large, dark green above, paler on under side. Flowers white with coppery colored base. A handsome shrub and very effective in mass planting. Each 10
1½ to 2 feet..... \$0 35 \$3 00

XANTHORRHIZA

Xanthorrhiza apiifolia. *Yellow Root.* An attractive low-growing shrub with bright golden yellow wood. Leaf clusters are bright green. Flowers chocolate-purple. A handsome shrub for planting in front of taller growing varieties. Also very useful in masses by itself. Each 10 100
8 to 12 inches..... \$0 25 \$2 00 \$16 00

XANTHOXYLUM · Prickly Ash

Xanthoxylum fraxineum. A tall bushy shrub with yellowish flowers, with red anthers. Fruit red and very ornamental. Prickly branches with an aromatic odor when bruised. Each 10
4 to 5 feet..... \$0 50 \$4 00
3 to 4 feet..... 35 3 00
2 to 3 feet..... 30 2 50

ROSES

The Rose, the most beautiful of flowers, has something about it that puts it so far above others that there can be no comparison. Its wonderful color, entrancing perfume, and fine form have endeared it to all of us who love beautiful things.

To look at this "Queen of Flowers" one always wonders how such a delicate, fragile-appearing blossom can be grown successfully, except by an expert, yet it can be done quite readily. As might naturally be supposed of a flower so delicate, it delights in a rich, fertile soil. Roses can thrive and produce their handsome blooms in a poor soil no more than a man can do a good day's work without food.

An excellent way to insure abundance and quality of bloom is to dig a hole to a depth of 2 feet. Cover the bottom with about a foot of well-rotted manure, mixed with a small amount of soft soil. The top foot should be filled up with a mixture of about three parts good loam and one part pulverized manure. Cow manure is the best fertilizer, but if you can't get it, use something else—only be sure it is well rotted; do not use fresh manure. If drainage is poor, dig out an extra foot at the bottom and fill in with small stones.

Set the plants **just the same depth as in the nursery.** That is their natural depth and they will do better if set that way. The best time to plant is in the spring when the frost gets out of the ground. Any time up to the first of June will do.

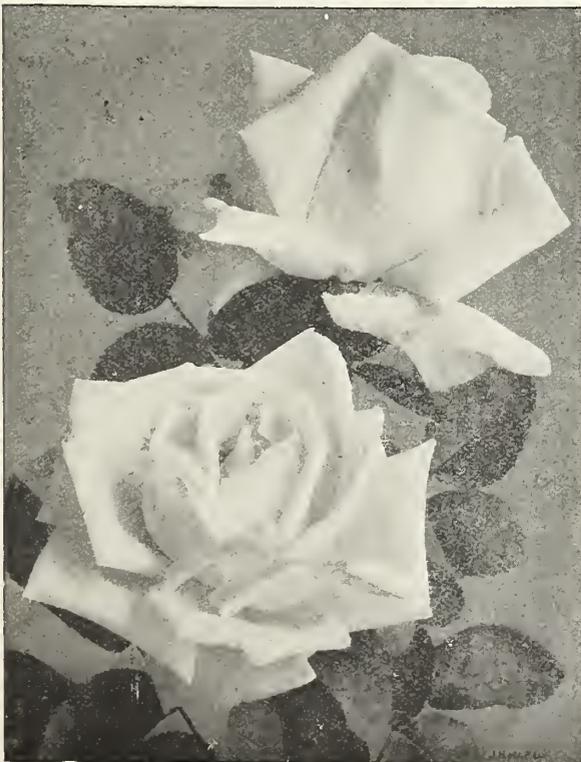
Now you may think that this is too much trouble, but if you love beautiful things and want Roses as good as those you pay 25 cents apiece for at the florist's, then your labor will be fully repaid.

See our special offer at bottom of page 38

HYBRID PERPETUAL ROSES

The name of this class of Roses is perhaps a little misleading. They are called "Perpetuals," but they are not ever-blooming, as one would be likely to think. They bloom in June, but the quality of bloom is considered by many to be far better than that of the Tea and Hybrid Tea varieties. The blooms are large, of perfect form, and are delightfully fragrant. The blossoms are borne in great profusion and remain upon the bush two or three weeks. Hybrid Perpetuals are the hardiest of garden Roses and need but little protection in winter except in the far North. They do not require much summer care or cultivation, but like everything else that grows and blooms, they will amply repay you for a little trouble in taking care of them.

Prices, except where otherwise noted, 35 cts. each, \$3 for 10, \$25 per 100



Frau Karl Druschki—so handsome as to be called "Snow Queen"

Alfred Colomb. One of our finest Roses. A large bloom of dainty carmine, globular in shape; extremely fragrant.

American Beauty. Without doubt one of the finest Roses in cultivation, for it is one of the best for cutting. Its color shades from a deep pink to dainty carmine; flowers are large and of perfect shape, and have a delicate fragrance.

Anne de Diesbach. A handsome Rose of blazing carmine. A free bloomer with heavy, double, perfect flowers.

Clio. A very beautiful flower of delicate satin-flesh color with a rosy shade in center. The blooms are large and borne in profusion.

Coquette des Blancches. While classed as a Hybrid Perpetual, this fine Rose really belongs to the Hybrid Noisette family. The flowers are snowy white, and are borne in handsome clusters. A strong-growing variety.

Fisher Holmes. A bold, striking flower of velvety crimson. Blooms are large, of more than usual beauty, and are borne in great abundance.

Frau Karl Druschki. One of the finest white Roses in cultivation. Many Roses are called white, but they look shaded beside Frau Karl Druschki. The blossoms are large, perfect-shaped, and of delicious fragrance. This splendid Rose has earned the name of "Snow Queen." 50 cts. each, \$4 for 10, \$30 per 100.

General Jacqueminot. A handsome bold flower of blazing crimson. One of the finest of this color; exceedingly fragrant.

Hugh Dickson. A fine Rose of brilliant crimson-scarlet; blooms profusely; of good size and fine form, and has a delicious perfume.

Madame Plantier. A white Rose of great beauty, blooming so profusely as nearly to hide the foliage. A fine Rose for massing.

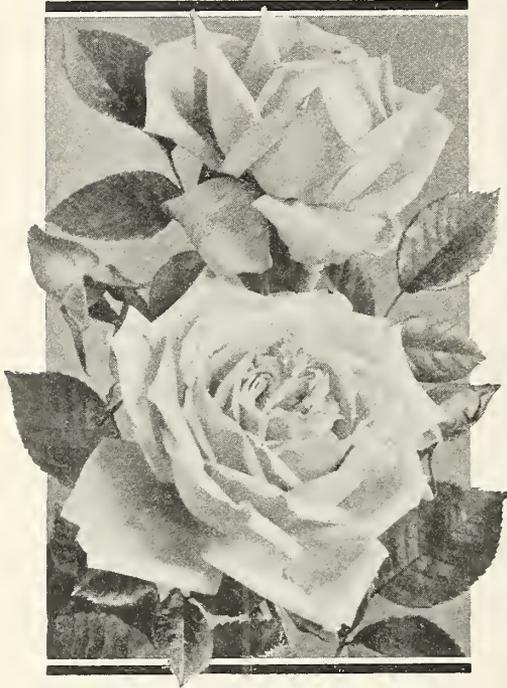
Magna Charta. A handsome flower of true rose color. It blooms profusely and has a delightful fragrance. An excellent flower for cutting.

Marshall P. Wilder. A fine Rose somewhat resembling Alfred Colomb. Its color is a bright scarlet-crimson, and it has a strong penetrating fragrance. The blooms are large, round, and freely produced.

Mrs. John Laing. A finely formed, exceedingly fragrant flower of soft shell-pink. A very free-flowering variety.

Paul Neyron. This beautiful Rose enjoys the distinction of being the largest in cultivation; frequently the bloom is 6 inches across. The color is clear soft pink shading to rosy carmine. The fragrance is very pleasing, resembling that of apple blossoms. Paul Neyron should be in your garden, for it is one of the finest Roses for outdoor planting.

Ulrich Brunner. A large, finely formed flower of brilliant cherry-crimson; very distinct from any other variety. The fragrance is strong and very pleasing. A profuse bloomer and an excellent Rose for outdoor planting.



Maman Cochet—a handsome Tea Rose

TEA ROSES

Tea Roses are among the old favorites in many gardens. The first Tea Roses were nearly all pink, but the work of expert hybridizers and rosarians has produced a few varieties that show several variations of red, still the prevailing color in Roses of this class.

The Roses we offer in the following list are well grown and potted in 4-inch pots. They should bloom the first year after being planted.

Prices, except where otherwise noted, 35 cts. each, \$3 for 10, \$25 per 100

Freiherr Von Marschall. A handsome Rose of perfect form and dark carmine color.

Lady Hillingdon. This Rose has endeared itself to all, because of its marked variation from the usual color of Tea Roses; its color is a deep golden yellow. A very free-flowering variety of exceedingly delightful fragrance. 50 cts. each, \$4 for 10.

Maman Cochet. This is one of the hardiest Tea Roses, for it can stand severe winters without losing any of its vitality. Its color is a delightful rosy crimson when opening, changing when fully open to a delightful silvery rose. A very fragrant variety and generally good for outdoor planting.

White Maman Cochet. In form, fragrance, and color, this Rose bears a striking resemblance to its parent; in fact the only marked difference is in its color, which is a clear snow-white.

HYBRID TEA ROSES

These Roses are perhaps the best for general outdoor planting. They are the results of judicious crossing of Hybrid Perpetual Roses and the well-known Tea Roses. They are considered the hardiest of the Rose family and, therefore, the best for outdoor planting. They require but little care, and are delightfully fragrant.

HYBRID TEA ROSES, continued

A marked advantage of Hybrid Tea varieties is in their long blooming period, for they flower in great abundance from June until frost puts an end to their activities. A little winter protection and they will continue to fill your garden with their beautiful flowers and delightful fragrance for many years.

We have selected a few of the best which we offer in the following list, all potted in 4-inch pots.

Prices, except where otherwise noted, 35 cts. each, \$3 for 10, \$25 per 100

Caroline Testout. A handsome flower of satiny rose; a strong grower and vigorous bloomer. One of the handsomest of garden Roses.

Gruss an Teplitz. This Rose is marked by its bright crimson-scarlet color, making it conspicuous in any planting. A free-flowering variety excellent for cutting.

J. B. Clark. For a genuinely striking color, one should plant this remarkable Rose. It has a perfect form, full and globular. Its color is a very fiery scarlet with a light shade of dull crimson.

Kaiserin Augusta Victoria. This is one of the most pronounced Roses of the true rose-color. A very hardy variety, blooming from June until frost.

Killarney. One of the old favorite Roses for many years. Its color is a very fine flesh-pink and the blooms are very dainty. One of Killarney's greatest values lies in its worth for cut-flower purposes.

Madame Abel Chatenay. A very pleasing Rose of fine shape and texture. The blossoms are very brilliant carmine with salmon-yellow shadings.

Madame Jules Grolez. Large full blossoms filled with mild fragrance. Attractive growing plant, bearing rose-colored blooms.

White Killarney. This Rose is a very pronounced white type of Killarney; otherwise the same as the parent variety.

CLIMBING ROSES

Climbing Roses are very useful for covering stumps, walls, or other unsightly places, and for screening the porch from the hot sunlight. They are easy to grow, hardy, and blossom within a remarkably short time after planting. The foliage is dark green, dense, and shady, and the pretty blooms are usually fragrant. The varieties in the following list are extra-strong, field-grown, 2-year plants.

Prices, except where otherwise noted, 35 cts. each, \$3 for 10, \$25 per 100

American Beauty. A climbing form of the well-known American Beauty. Blooms are large, fragrant, and a deep rose color. 50 cts. each, \$4 for 10.

American Pillar. A new Rose of remarkable merit. Its color is a lovely pink with a clear snowy eye. A remarkably free-flowering variety, worthy of extensive planting.

Aviateur Bleriot. A very attractive climber, bearing clusters of bright amber-yellow flowers.

Blue Rambler. Reddish purple.

Crimson Rambler. Another new Rose and a great favorite wherever planted. The plants are strong and bear myriads of brilliant carmine flowers.

Dorothy Perkins. One of the old favorite varieties which has been extensively planted for several years. It grows very rapidly, frequently 20 feet in a single season, and bears a multitude of delightful cherry-pink flowers. A hardy variety that will grow almost anywhere.

Dr. Van Fleet. The flowers of this fine climber are rich rosy pink. A very vigorous grower, bearing an abundance of beautiful blooms. 50 cts. each, \$4 for 10, \$30 per 100.

Five Climbing Roses for \$1. Extra-strong 2-year plants that will bloom next year if set out in early spring. These are the big specials: American Pillar, Dorothy Perkins, Hiawatha, Tausendschon, and White Dorothy Perkins. Send for them now; we will ship at the proper time.

CLIMBING ROSES, continued

Excelsa. A remarkable Rose of comparatively recent introduction. It is as near mildew-proof as any Rose can be. The color is a very brilliant crimson.

Flower of Fairfield. In nearly every respect this Rose resembles Crimson Rambler, except that it has a longer blooming period. 50c. ea., \$4 for 10, \$30 per 100.

Gardenia. A new climbing Rose of great merit. Its color is bright sulphur-yellow, becoming creamy white as the flower expands. Very fragrant and free-flowering.

Graf Zeppelin. A fine climber resembling Tausendschon. Color is fiery pink.

Hiawatha. Intense fiery scarlet blooms, borne on long rapid-growing vines. An excellent variety for trailing over arches.

Lady Gay. Delightful cherry-pink flowers and lustrous green foliage. Considered by many as being better than the famous Dorothy Perkins.

Manda's Triumph. A fine snow-white variety.

Marechal Niel. A handsome climber, bearing large, fragrant flowers of golden yellow. A free-flowering variety, worthy of more extensive planting. Our plants are heavy and extra-strong. \$1.50 each.

Miss G. Messman. One of the best climbing Roses, for it blooms profusely from June until frost. The flowers are bright red and borne in large clusters. 50 cts. each, \$4 for 10.

Philadelphia Rambler. An early-blooming Rose bearing large, double, mildly fragrant, crimson flowers. A vigorous plant not subject to mildew.

Pink Rambler. An excellent Rose sometimes called Psyche. Its color is a delightful pink with shadings of rosy pink and carmine. The plant is very vigorous and the blooms are borne in large clusters.

Silver Moon. This variety is one of the largest of climbing Roses, its blooms often reaching 5 inches in diameter. The color is a pure snowy white with yellow center. A very profuse bloomer and an excellent Rose for general planting. One of the best of all climbers. 50 cts. each, \$4 for 10, \$35 per 100.

South Orange Perfection. One of the hardest climbing Roses, for it often comes safely through winters that kill other varieties. The blossoms are a delightful flesh-pink, turning to ivory when fully open. A very nice Rose for porch decoration.

Tausendschon. While opening, the blooms are dainty flesh-pink, changing to rosy red when fully expanded; borne in large clusters. A vigorous grower and devoid of thorns.

Trier. A very dainty creamy white Rose with yellow eye; blooms very freely from June until frost. A vigorous, hardy Rose worthy of extensive planting.

Universal Favorite. A dull scarlet-rose, borne on rapid-growing hardy stems; distinct and valuable.

White Dorothy Perkins. In appearance and habit this climber resembles the parent, the only marked difference being that these flowers are white and borne in large clusters.

White Rambler. The blossoms of this fine Rose are pure white, sometimes with a dainty flesh-tint. The flowers are large and borne in dense clusters. A very vigorous grower which will soon cover an arch or afford shade for a porch.

WICHURAIANA ROSES

Wichuraiana. A hardy Rose that will grow equally well in sun or shade. The blossoms are ivory-white with yellow eye; large.

Evergreen Gem. A rapid-growing plant, bearing a myriad of buff-colored flowers which change to ivory-white; foliage very handsome and makes a pleasing contrast with the flowers.

Yellow Rambler. Flowers are dainty, light golden yellow, changing to amber when fully opened, borne profusely in large showy clusters, and have a delightful tea odor.

HYBRID POLYANTHAS

Clothilde Soupert. A very handsome Rose of creamy white, shaded red toward the center, possessing very fine fragrance. The blooms are large, double, and produced in large clusters from June to October. Strong plants, 35 cts. each, \$3 for 10, \$25 per 100.



A handsome climbing Rose—Dorothy Perkins

DWARF POLYANTHAS, or BABY RAMBLERS

Prices, except where otherwise noted, 35 cts. each, \$3 for 10, \$25 per 100

Annie Muller. A handsome flower of the true rosy pink color. The good-sized blooms are borne in large clusters until late in the fall.

Baby Tausendschon. A handsome Rose of pale flesh-pink.

Catherine Zeimet. This fine Rose is sometimes called White Baby Rambler, for it produces a profusion of large double white flowers.

Erna Teschendorff. A very pretty Rose of bright red. 50 cts. each, \$4 for 10.

Jeanne d'Arc. A very pretty pearly white Rose.

Jessie. A very free-flowering Rose of bright cherry-crimson; excellent for massing.

Madame Norbert Levasseur. A very pleasing Rose somewhat resembling Crimson Rambler; profuse bloomer.

Madame Jules Gouchault. Bright red and brilliant rosy pink. The flowers are large and borne in large clusters.

Mrs. Taft. Considered by many as an improvement over Baby Ramblers. The blooms are a bright color and appear continuously from spring until frost.

Mrs. William G. Cutbush. Somewhat resembles Baby Rambler; the flowers are pleasing flesh-pink; a variety of great merit.

Orleans. Handsome flowers of vivid rosy crimson with petals edged carmine, center white. A very attractive Rose on account of its many colors.

MOSS ROSES

Moss Roses get their name from the mossy growth on the leaves and stems. The hair-like thorns are so small and numerous as to give a mossy appearance. All Moss Roses are fragrant and will prosper under ordinary garden conditions.

Prices, except where otherwise noted, 35 cts. each, \$3 for 10, \$25 per 100

MOSS ROSES, continued

Pink Moss. Flowers of this variety are a delightful rich pink, and come in early summer in great profusion.

Red Moss. A dark red moss very highly perfumed.

Salet. Considered by many one of the best Moss Roses. The flowers are deep rose-colored and both blossoms and buds are fully dressed with moss. The flowers are borne very freely in autumn and are large and well formed.

White Moss. A fine white Rose, whose blossoms remain for a great length of time. It is being widely planted by those who love its peculiar beauties.

ROSA RUGOSA ROSES

This Rose species is considered the hardiest of all Roses. They are especially desirable for hedges and borders, or they may be used as shrubs.

Prices of Rosa Rugosa Roses, 35 cts. each, \$3 for 10, \$25 per 100

Rosa rugosa alba. The flowers are small and snowy white. The plant is a strong grower and especially desirable in hedges.

Rosa rugosa rosea. A fine variety with silvery pink flowers.

Conrad F. Meyer. Another silvery pink variety with delicious fragrance.

New Century. Large full double flowers of dull carmine; free-flowering.

Sir Thomas Lipton. Another double variety of snowy white; a continuous bloomer.

BUSH ROSES

Prices, except where otherwise noted, 35 cts. each, \$3 for 10, \$25 per 100

Blanda. The delightful flowers of this variety are frequently 2 inches in diameter. Fragrant flesh-colored blooms appear in early summer and after blooming the bush bears round scarlet fruit. 30 cts. each, \$2.50 for 10.

BUSH ROSES, continued

Carolina. An excellent Rose for planting in damp locations, but will do well in almost any soil. The flowers are pink, of good size, and bloom from June until August. Bears scarlet fruit after blooming.

Lucida. Sometimes called Mossy Rose. Blooms are bright flesh-pink, of good size; foliage is deep green, changing to dark purple in fall. A very handsome Rose for border planting.

Lucida alba. A form in habit the same as the above. The flowers are white and the branches are covered with greenish bark. Excellent for border planting. 50 cts. each, \$4 for 10.

Multiflora. This is called the Japanese Climbing Rose. The flowers are pure white and are borne in great profusion, almost covering the branches. A hardy Rose and very useful in border planting, and if used as a hedge will make a dense barrier soon after becoming established.

Persian Yellow. A very fragrant Rose of deep amber-yellow. Its blooms are large and of decided beauty. One of the old-time favorites.

Rubiginosa. Known as the Sweet Briar Eglantine Rose. Flowers are bright pink and borne in small clusters. The dark green foliage gives off a very pleasing odor.

Rubrifolia. When the flowers of this variety open they are a deep pink, but when fully expanded they change to flesh-pink, followed by scarlet fruits. Foliage is green with markings of reddish purple.

Setigera. The Prairie Rose. The flowers are deep flesh-pink and produced in great profusion. The plants grow to a height of 6 feet. This Rose makes an excellent mass or specimen plant. 25 cts. each, \$3 for 10, \$16 per 100.

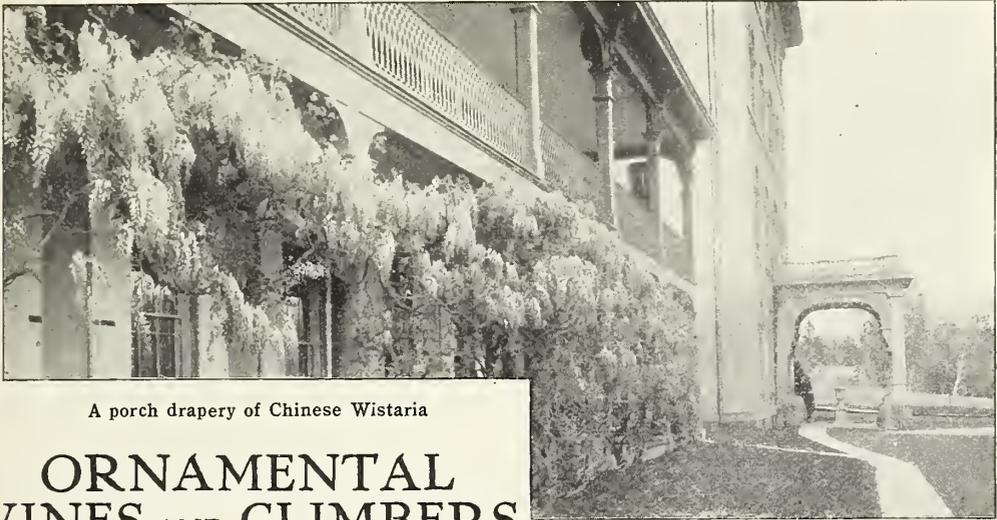
TREE ROSES

For those who wish something out of the ordinary on their lawn, Tree Roses will prove all that is desired. We have selected the following as being the best adapted for this location.

Red, White, Pink, Yellow. \$1.25 each, \$10 for 10. Also **Crimson Rambler, Baby Rambler, Mrs. Wm. Cutbush.** \$1.50 each, \$12.50 for 10.



A Rose-lover's garden. A small garden of these fragrant beauties will make your home more pleasant



A porch drapery of Chinese Wistaria

ORNAMENTAL VINES AND CLIMBERS

For porch draperies or for covering walls, fences, stumps, or other unsightly objects, Vines and Creepers have a place all their own. They grow rapidly, are hardy, and require no care. Some vines like shade, while others are fond of the sun. They should be planted in a deep rich soil, and an occasional top-dressing of decayed manure will help them to make a strong growth. In the list below we offer those which we think will give the best satisfaction in our climate.

ACTINIDIA · Silver Vine

Actinidia arguta. A strong, climbing vine with shining dark green, heart-shaped leaves. Flowers are white with purple center, and borne so profusely as to cover a whole vine. 50 cts. each, \$4 for 10.

AKEBIA

Akebia quinata. A fine ornamental vine and one of the best climbers we have. Foliage dark green, nearly evergreen; flowers are rosy purple, produced in late spring. 30 cts. each, \$2.50 for 10, \$20 per 100.

AMPELOPSIS

Ampelopsis quinquefolia. *Virginia Creeper.* A high, climbing vine, covered with deep green foliage which changes to fiery red in fall. A rapid grower; very handsome. 25 cts. each, \$2 for 10, \$15 per 100.

A. quinquefolia Engelmannii. In some respects similar to the preceding, but the leaves are smaller and more numerous. An excellent vine for porch drapery. 30 cts. each, \$2.50 for 10, \$18 per 100.

A. Veitchii. *Japanese or Boston Ivy.* A graceful rapid-growing vine with handsome lustrous green foliage, which assumes a yellow tint in fall.

	Each	10	100
2-year.....	\$0 20	\$1 75	\$15 00
3-year, extra-strong.....		2 50	20 00

A. Lowii (*New Japanese Ivy*). A new variety with small cut leaves of a more delicate habit of growth than *A. Veitchii*, and colors more brilliantly in the fall, and supercedes the Boston Ivy when better known. 2-year plants, 50 cts. each, \$4.50 for 10.

ARISTOLOCHIA · Dutchman's Pipe

Aristolochia Sipho. A vigorous rapid-growing climber, bearing chocolate-colored flowers resembling a pipe in shape; leaves are large, round, and deep green. 60 cts. each, \$5 for 10, \$40 per 100.

CELASTRUS · Bittersweet

Celastrus orbiculatus. *Oriental Bittersweet.* A tall, vigorous vine with bright green leaves and orange-yellow flowers. 35 cts. each, \$3 for 10, \$25 per 100.

C. scandens. A high-climbing vine with bright green leaves. Pods are golden and crimson, persisting all winter. 35 cts. each, \$3 for 10, \$22.50 per 100.

CLEMATIS

Clematis coccinea. *Scarlet Clematis.* A handsome hardy climber, with broad sea-green leaves; flowers scarlet or purplish, produced in June. 30 cts. each, \$2.50 for 10, \$20 per 100.

C. flammula. *Sweet Clematis.* A vigorous climber, nearly covered with dark green leaves, persisting until early winter; flowers white and sweetly scented. A handsome vine which does well in a sunny location. 35 cts. each, \$3 for 10.

C. Jackmanii. Large, velvety purple flowers borne in great profusion. 50 cts. each, \$4 for 10, \$35 per 100.

C. paniculata. *Japanese Clematis.* A vigorous hardy climber considered by many as one of the most useful of hardy vines; bears white flowers in late summer.

	Each	10	100
3-year.....	\$0 35	\$2 50	\$20 00
2-year.....		25	2 00 15 00

C. virginiana. *Virgin's Bower.* A strong-growing climber with compound, deeply toothed leaves; flowers are white, opening in late summer. Each 10 100

3-year.....	\$0 35	\$3 00	\$25 00
2-year.....		25	2 00 16 00

C., Duchess of Edinburgh. A fine hybrid variety, bearing double white fragrant flowers. 50 cts. each, \$4 for 10.

C., Gipsy Queen. Another good hybrid, bearing reddish purple flowers. 75 cts. each, \$6 for 10.

C. Henryi. A free-flowering variety, bearing ivory-white flowers. 50 cts. each, \$4 for 10, \$35 per 100.

C., Madame Edouard Andre. Flowers purplish red, making a delightful contrast with the dark green foliage. 50 cts. each, \$4 for 10, \$35 per 100.

C., Ramona. A vigorous vine, bearing an abundance of deep sky-blue flowers of large size. A very handsome climber and one of the best of its color. 50 cts. each, \$4 for 10, \$35 per 100.

C., Ville de Lyon. Flowers dark velvety carmine. 50 cts. each, \$4 for 10.

DOLICHOS

Dolichos japonicus (*Pueraria Thunbergiana*).

Kudzu Vine. A remarkable vine suitable for any purpose that a vine can be used for. The leaves are bright green and the flowers are purple. A wonderful vine on account of its rapid growth. Each 10 100

2-year.....	\$0 25	\$2 00	\$15 00
1-year.....		20	1 50 12 00

EUONYMUS

Euonymus radicans. A hardy, rapid-growing vine with small rich green foliage which remains on the vine until winter. Each 10 100
 3-year.....\$0 30 \$2 50 \$18 00

E. radicans. A form of the preceding, with leaves variegated with silvery white. Each 10 100
 2-year.....\$0 30 \$2 50 \$18 00

E. radicans vegeta. A low, trailing evergreen considered as one of the finest vines. Foliage is abundant, glossy green. In a short time this vine will cover up stumps, walls, or other unsightly objects. Each 10 100
 3-year.....\$0 40 \$3 50 \$25 00

HEDERA

Hedera Helix. *English Ivy.* An old favorite climbing vine of great merit. It is very hardy and is now being used extensively for covering walls and the sides of houses. Each 10 100
 4- and 5-year clumps.....\$1 50 \$12 50 \$100 00
 2-year clumps..... 25 2 00 15 00

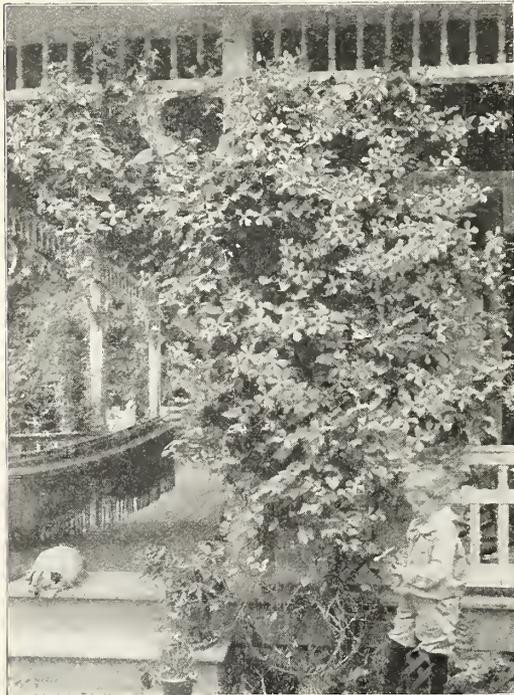
LONICERA · Honeysuckle

Lonicera chinensis. *Chinese Honeysuckle.* A pretty vine with dark green purple-shaded foliage; flowers white changing to yellow, delightfully fragrant. Each 10 100
 2-year.....\$0 30 \$2 50 \$18 00

L. flava. *Yellow Honeysuckle.* A handsome climber with greenish white foliage; flowers bright yellow, followed by scarlet berries. 30 cts. each, \$2.50 for 10.

L. japonica Halliana. *Japanese Honeysuckle.* A handsome evergreen climber with dark dense foliage; fragrant flowers, white on opening, changing to buff when fully expanded. Blooms almost continually during the summer. Each 10 100
 3-year, strong.....\$0 30 \$2 50 \$18 00
 2-year, strong..... 25 2 00 12 00

L. sempervirens. *Trumpet or Coral Honeysuckle.* This handsome vine has greenish foliage and fiery scarlet flowers. A splendid vine for porch draperies. 25 cts. each, \$2 for 10.



Clematis Jackmanii is a graceful climber

LYCIUM

Lycium chinense. *Matrimony Vine.* A hardy vigorous climber, bearing an abundance of purple flowers in summer, followed by vivid red berries in autumn. An excellent vine for trellis or pergola decorations. 25 cts. each, \$2 for 10, \$16 per 100.

PASSIFLORA

Passiflora cærulea. *Passion Flower.* A rapid-growing vine with deeply cut sea-green leaves; flowers fragrant, greenish white. A pretty vine for decorative purposes. 30 cts. each, \$2.50 for 10.

PERIPLLOCA · Silk Vine

Periploca græca. A tall-growing climber densely covered with dark green glossy leaves. Flowers chocolate-purple inside and greenish white outside; fragrant. 30 cts. each, \$2.50 for 10.

SMILAX

Smilax hispida. *Green Briar.* A slender climbing vine of quick growth and round, thin, green leaves which turn to red and golden in autumn; berries purplish and borne in great abundance. A remarkable vine for ground-covering. 35 cts. each, \$3 for 10.

TECOMA · Trumpet Vine

Tecoma grandiflora (Bignonia grandiflora). *Chinese Trumpet Vine.* A high-climbing vine with bright green compound leaves. Its brick-red flowers are borne in dense showy clusters. 40c. ea., \$3 for 10, \$22 per 100.

T. radicans (Bignonia radicans). *American Trumpet Vine.* A splendid climbing vine with large compound leaves, flowers orange-red inside and clear bright red on the outside, borne in July and August. A very handsome vine and one of the few flowering in midsummer. Each 10 100
 2-year.....\$0 25 \$2 00 \$15 00

VITIS · Grape-Vine

Vitis cordifolia. *Frost Grape.* A vigorous high-climbing vine often seen growing wild in the woods where it mounts to the tops of the trees. Foliage deep green and shining on both surfaces. Bears black berries. 25 cts. each, \$2 for 10.

V. Labrusca. *Fox Grape.* A strong climbing vine, bearing large purple-black berries which are often used for making jam or jelly; leaves large rich green on top, downy beneath. 25 cts. each, \$2 for 10.

WISTARIA

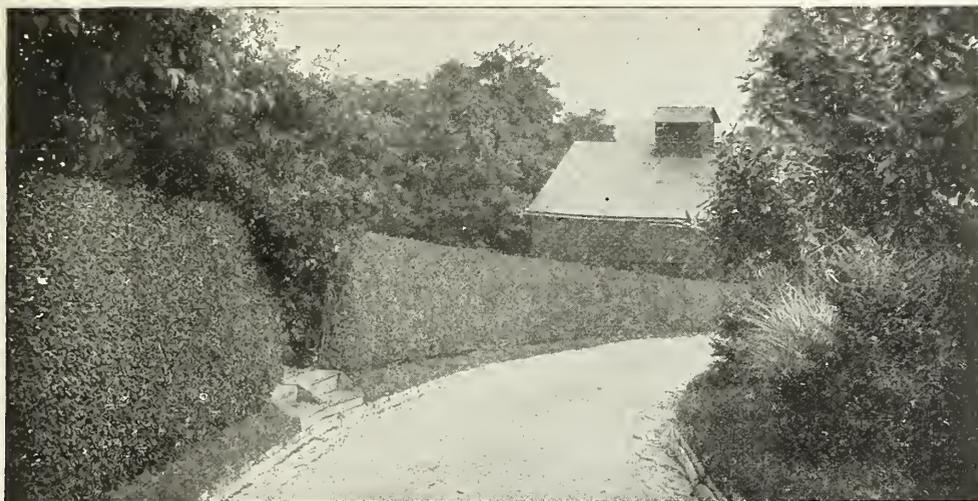
Wistaria chinensis. *Chinese Wistaria.* A rapid-growing vine bearing purplish flowers in dense clusters, making a delightful contrast with the pale green foliage. Each 10 100
 3- and 4-year, strong.....\$0 50 \$4 00 \$30 00
 2-year..... 40 3 00 25 00

W. chinensis alba. *White Wistaria.* Quite similar to the preceding, but the flowers are pure snowy white. A handsome vine for use as a porch drapery. 40 cts. each, \$3.50 for 10, \$30 per 100.

W. frutescens. *American Wistaria.* Somewhat smaller and more slender than the Chinese variety. Foliage is dark green; flowers are a pleasing dark reddish purple. Each 10 100
 3-year, heavy.....\$0 35 \$3 00

W. magnifica. Considered by many people to be an improvement over Frutescens. The flowers are borne in large clusters and are more numerous. Their color is a delightful lilac-blue with yellow spots. Earlier than Frutescens. Each 10 100
 3-year.....\$0 35 \$3 00 \$25 00

W. multijuga. *Japanese Wistaria.* A rapid-growing vine with bright green foliage, bearing purplish or lilac-blue flowers in immense clusters. Each 10 100
 3-year.....\$1 00 \$8 00



This Hedge would look nice bordering your driveway. *Ligustrum amurense* (Amoor River Privet)

HEDGE PLANTS

In order to make it easier for you to select proper plants, we have made a special department of what we have found to be desirable hedge plants. Hedges are useful in many ways. You can use them as borders between your grounds and those of your neighbor, where they take the place of an unsightly fence and are just as effective, or you can use them for edging on your home grounds and near the walks. Some of these hedge plants are valuable as specimens and are often planted as such. The plants listed below will give excellent service in this locality, and we feel sure they will give good results. They are vigorous, hardy, and will thrive under ordinary conditions. Tear down that ugly fence and plant a hedge that will become more beautiful every year.

BERBERIS • Barberry

(See also Shrubs, page 25)

Berberis Thunbergii. *Thunberg's Barberry.* This is a handsome low shrub of vigorous habit. The numerous branches spring out from the surface of the ground and curve spray-like at the ends. Foliage bright green, turning in fall to orange and red. A multitude of small scarlet berries are retained all through the winter. When used as a hedge, it forms a barrier so dense that even small animals cannot penetrate. For foundation and specimen planting it has no superior.

	Each	10	100
2½ to 3 feet.....	\$0 40	\$3 00	\$20 00
2 to 2½ feet.....	30	2 50	15 00
1½ to 2 feet.....	25	2 00	12 00
15 to 18 inches.....	20	1 50	10 00

LIGUSTRUM • Privet

Ligustrum amurense, North. *Amoor River Privet.* A shrub which will grow to 15 feet, if not trimmed. If planted in hedge, they should be at least a foot apart and closely trimmed each year. Will stand the coldest climates without injury.

	Each	10	100
4 to 5 feet.....	\$0 50	\$4 00	\$25 00
3 to 4 feet.....	35	3 00	16 00
2 to 3 feet.....	25	2 00	12 00

L. amurense, South. *Amoor River Privet.* This is the most popular and valuable hedge plant for the South. Is evergreen, very dense in growth, a rich dark green, very compact; grows and establishes a good hedge in one year. Well adapted to general planting in the South.

	Each	10	100	1,000
3 to 4 feet.....	\$0 25	\$2 00	\$12 00	\$60 00
2 to 3 feet.....	20	1 50	8 00	50 00

L. ibota. *Japanese Privet.* This shrub bears numerous large glossy leaves and fragrant white flowers. Useful for specimen planting.

	Each	10	100
5 to 6 feet.....	\$0 50	\$4 00	
4 to 5 feet.....	40	3 50	
3 to 4 feet.....	30	2 50	\$16 00
2 to 3 feet.....	25	2 00	12 00

LIGUSTRUM, continued

L. ovalifolium. *California Privet.* A superb shrub for hedge planting. The leaves are large glossy green. Plant grows to variable size; it is hardy and will endure almost any locality. The dense foliage is retained until late in winter.

	Each	10	100	1,000
3 to 4 feet.....	\$0 25	\$2 00	\$10 00	\$50 00
2 to 3 feet.....	20	1 50	5 00	35 00
1½ to 2 feet.....	10	75	3 50	27 50

L. ovalifolium aureo-variegatum. A handsome variety of the above. The leaves are glossy green with delicate margin of golden yellow. Makes a beautiful hedge on account of its color. Also good in specimen planting.

	Each	10
15 to 18 inches.....	\$0 25	\$2 00

L. Regelianum. *Regel's Privet.* A valuable shrub with dark green leaves and numerous branches. While useful in hedge planting, it does not make quite so dense a barrier as California Privet. We would recommend this variety especially for high hedges to be used as screens, and as specimen plants.

	Each	10	100
3 to 4 feet.....	\$0 30	\$2 50	\$18 00
2 to 3 feet.....	25	2 00	15 00
1½ to 2 feet.....	20	1 50	12 00

L. vulgaris. *Common Privet.* A low shrub, bearing numerous glossy green leaves becoming purple in fall. Foliage almost evergreen.

	Each	10	100
3 to 4 feet.....	\$0 35	\$3 00	\$20 00
2 to 3 feet.....	25	2 00	15 00

LONICERA • Honeysuckle

Lonicera fragrantissima. *Fragrant Upright Honeysuckle.* A handsome shrub with dark lustrous foliage retaining its color nearly all year. Bush is hardy, vigorous, stands drought, and is free from insect pests and diseases. The delightfully fragrant, creamy yellow flowers are produced in early spring and again in fall. We consider this the best plant for a high ledge.

	Each	10	100	1,000
2 to 3 feet.....	\$0 25	\$2 00	\$16 00	\$125 00
1½ to 2 feet.....	20	1 50	10 00	90 00
15 to 18 inches.....	18	1 25	8 00	70 00



Border of Perennials two years after planting at Cave Hill Cemetery, Louisville, Ky.

HARDY PERENNIALS

For those people who do not wish to set out new plants every spring in order to get blooms during that summer, hardy perennials are the things to plant. With these it is not necessary to replant each spring. The tops die back to the ground after frost but the roots still retain their vitality and the plants shoot up again the following spring with even greater vigor than they did before. A wide range of colors is afforded by the different sorts in our list, and we feel sure that a selection from the following varieties will give you a garden that you will be proud of.

The dates given after the descriptions are the blooming periods. It is always good practice to select varieties that will follow each other into bloom so you may have flowers all summer.

ACANTHUS mollis latifolius. *Bear's Breech.* An exceedingly decorative plant, with large, shapely, dark green leaves and showy purple flowers; blooms in late summer. 25 cts. each, \$2 for 10.

ACHILLEA Millefolium roseum. *Milfoil, or Yarrow.* A very attractive perennial, growing to about 2 feet. Foliage is rich green. Pink flowers are borne in dense compact heads. An excellent border plant. June to September. 15 cts. each, \$1.25 for 10, \$10 per 100.

A. Ptarmica flore-pleno, The Pearl. Pure white flowers in great profusion from June to September. 15 cts. each, \$1.25 for 10, \$10 per 100.

A. Ptarmica flore-pleno, Boule de Neige. *Ball of Snow.* Considered an improvement over the preceding. Flowers are more perfect in form, larger, and better for cutting purposes. 20 cts. each, \$1.50 for 10, \$12 per 100.

ACONITUM. *Monksblood.* A hardy plant growing to about 4 feet. Valuable for growing under trees and in other shady places. 25 cts. each, \$2 for 10.

A. Fischeri. A dwarf variety growing to about 18 inches. Bears handsome pale blue flowers. September. 25 cts. each, \$2 for 10, \$15 per 100.

A. Napellus. The flowers are large, and a pronounced deep blue. September. 25 cts. each, \$2 for 10, \$15 per 100.

AGROSTEMMA Coronaria (Lycnis Coronaria). *Mullein Pink.* White and red. Stout, erect-growing plants with silvery foliage. June and July. 15 cts. each, \$1.25 per 10.

ALYSSUM saxatile compactum. *Madwort.* A large-growing plant bearing compact masses of golden yellow flowers. Excellent for massing or planting in rockeries. April and May. 15 cts. each, \$1.25 for 10, \$10 per 100.

ANCHUSA italica, Dropmore Variety. *Italian Alkanet.* A perennial of distinct merit. The flowers are large bluish white and borne on strong stalks 4 to 5 feet high. May to July. 25 cts. each, \$2 for 10, \$16 per 100.

A. italica, Opal. Pale blue flowers; quite distinctive. May and July. 30 cts. each, \$2.50 for 10.

ANEMONE · Windflower

Anemone japonica alba. *Japanese Windflower.* One of the best autumn-blooming perennials. The flowers are pure white with yellow anthers. September to October. 15 cts. each, \$1.25 for 10, \$10 per 100.

A. japonica, Prince Henry. A free-flowering form, with large rich flesh-pink blooms. 20 cts. each, \$1.75 for 10, \$15 per 100.

A. japonica, Queen Charlotte. An attractive plant, growing about 3 feet high, producing large pink flowers in great profusion. 15 cts. each, \$1.25 for 10, \$10 per 100.

A. japonica rosea superba. Medium-sized flowers of dainty rose-color. 15 cts. each, \$1.25 for 10.

A. japonica rubra. A handsome variety, bearing dark red flowers. 20c. each, \$1.50 for 10, \$12 per 100.

A. japonica, Whirlwind. Flowers large, semi-double, snowy white. 15 cts. each, \$1.25 for 10, \$10 per 100.

A. japonica, Kriemhilde. A new variety, bearing large semi-double reddish mauve flowers. 35 cts. each, \$3 for 10.

ANTHEMIS tinctoria. *Golden Marguerite.* A bushy plant growing to about 2 feet high, and bearing an abundance of ivory-white flowers. A pretty border plant. 15 cts. each, \$1.25 for 10, \$10 per 100.

A. tinctoria pallida. Similar to the preceding. Flowers canary-yellow. 15 cts. each, \$1.25 for 10.

AQUILEGIA · Columbine

Aquilegia cærulea. *Rocky Mountain Columbine.* A handsome and distinct variety of this remarkable perennial. The flowers are large, sometimes 2 inches across, with large colored spurs, usually tinted light yellow. 15 cts. each, \$1.25 for 10, \$10 per 100.

A. californica hybrida. A fine collection of distinct merit. Colors are yellow or dark red. Effective hardy plants for use in the border or for edging. 15 cts. each, \$1.25 for 10, \$12 per 100.

A. canadensis. *Common American Columbine.* A compact, numerous-branched plant, bearing an abundance of red-and-yellow flowers. Very showy and valuable for planting in the hardy garden. 15 cts. each, \$1.25 for 10, \$10 per 100.

AQUILEGIA, continued

- A. chrysantha.** *Golden-spurred Columbine.* A tall, vigorous-growing plant, bearing an abundance of large fragrant yellow flowers. 15 cts. each, \$1.25 for 10, \$10 per 100.
- A. chrysantha alba-plena.** The same as the preceding, except that it has white flowers. 20 cts. each, \$1.50 for 10.
- ARABIS alpina.** *Rock-Cress.* A neat plant for rocks, gardens, and hardy borders. The flowers are snowy white. 15 cts. each, \$1.25 for 10, \$11 per 100.
- ARMERIA maritima splendens.** *Thrift.* An attractive plant growing to about 9 inches. Flowers are pinkish white. Good for border planting. Blooms from spring to fall. 15 cts. each, \$1.25 for 10.
- ARTEMISIA Abrotanum.** *Old Man, or Southern-wood.* Grows to about 3 feet. Foliage sea-green, pleasing, and sweetly scented; flowers yellowish. 15 cts. each, \$1.25 for 10, \$10 per 100.
- A. Stelleriana.** *Old Woman.* A rapid-growing plant suitable for rockeries and border planting. Foliage greenish white, deeply cut on margins. Spreading habit. 15 cts. each, \$1.25 for 10, \$10 per 100.
- ASCLEPIAS incarnata.** *Swamp Milkweed.* A rapid-growing hardy plant, reaching a height of about 4 feet; flowers purple, fragrant. August. 15 cts. each, \$1.25 for 10, \$10 per 100.
- A. tuberosa.** *Butterfly-Weed.* Grows to about 2 feet. Bears clusters of orange-yellow flowers. July and August. 15 cts. each, \$1.25 for 10, \$10 per 100.

ASTER • Michaelmas Daisy, or Starwort

A family of hardy perennials that have proven themselves handsome and useful in border planting. They bloom in September and possess a wide range of white, pink, and blue colors. A hardy border is not complete without at least a few Asters. The varieties in this list are the newer introductions.

- Beauty of Colwall.** A fine hybrid of recent introduction. Flowers are pleasing lavender-blue. 25 cts. each, \$2 for 10.
- Feltham.** A rapid-growing variety, bearing large flowers of sky-blue. 25 cts. each, \$2 for 10.
- Grandiflorus.** Flowers deep purple, large, borne on sturdy stems about 3 feet tall. A handsome variety. 30 cts. each, \$2.50 for 10.
- Novi-Belgii.** A good-sized plant with many stems. Covered with white, pink, and blue flowers in September. 25 cts. each, \$2 for 10.
- Novi-Belgii, St. Egwin.** Handsome flowers of cherry-pink. 25 cts. each, \$2 for 10.
- Thompsonii.** Vigorous plant reaching a height of 18 inches. Flowers are extra large, and a pleasing dark blue. July and August. 30 cts. each, \$2.50 for 10.

DWARF ALPINE ASTERS

- Alpinus.** A low-growing variety much used in rockeries and borders. The colors are blue and purple. May and June. 25 cts. each, \$2 for 10.
- Alpinus albus.** Quite similar to the preceding except in flower. Pure white. 25 cts. each, \$2 for 10.

FALL-FLOWERING ASTERS

- Novæ-Angliæ.** A tall-growing species, bearing clear purple flowers. 15 cts. each, \$1.25 for 10, \$10 per 100.
- Novæ-Angliæ roseus.** Similar to the preceding but bearing pretty rose-colored flowers. 20 cts. each, \$1.50 for 10, \$12.50 per 100.
- Novæ-Angliæ, Mrs. F. W. Raynor.** Large; deep crimson. 20 cts. each, \$1.50 for 10, \$12 per 100.
- Snowflake.** Grows to nearly 2 feet. Flowers pure white. 15 cts. each, \$1.25 for 10, \$10 per 100.
- Tataricus.** A tall-growing Aster, reaching a height of 6 feet. The plant is almost completely covered with bluish violet flowers in October. 15 cts. each, \$1.25 for 10, \$10 per 100.
- Top Sawyer.** A pleasing variety bearing numerous violet-shaded flowers. 20 cts. each, \$1.50 for 10, \$12 per 100.
- White Queen.** One of the handsomest pure white Asters known. 15 cts. each, \$1.25 for 10, \$10 per 100.



A mass planting of Hardy Asters

- BAPTISIA australis.** *Blue False Indigo.* A showy plant with bluish green leaves. Flowers are dark blue and borne in long sprays in July. 15 cts. each, \$1.25 for 10, \$10 per 100.
- B. tinctoria.** The flowers are yellow and borne somewhat earlier than the preceding. Very good for rockeries or hardy borders. 15 cts. each, \$1.25 for 10, \$10 per 100.
- BELLIS perennis.** *English Daisy.* A border plant bearing numerous pink or rose-colored flowers in May. 10 cts. each, 80 cts. for 10, \$6 per 100.
- BOCCONIA cordata.** *Plume Poppy, or Tree Celandine.* A very pretty plant, growing to about 3 feet. Leaves are large and make a delightful contrast with the rose-colored flowers. August. 15 cts. each, \$1.25 for 10, \$10 per 100.
- BOLTONIA asteroides.** *False Chamomile.* A free-flowering perennial, producing white flowers somewhat resembling the asters in shape. 15 cts. each, \$1.25 for 10, \$10 per 100.
- B. latisquama.** In form and habit the same as the above. Flowers are reddish lavender, borne in autumn. 15 cts. each, \$1.25 for 10, \$10 per 100.
- CALLIRHOE involucreta.** *Poppy Mallow.* A low-growing plant with a distinct trailing habit. Useful for covering exposed places. Flowers reddish purple, blooming throughout the summer. 15 cts. each, \$1.25 for 10, \$10 per 100.

CAMPANULA • Bellflower

- C. carpatica.** *Carpathian Harebell.* A pretty low-growing plant of great hardiness. Flowers are large, light blue, produced almost all summer. 15 cts. each, \$1.25 for 10.
- C. carpatica alba.** Like the preceding except that it has white flowers. 15 cts. each, \$1.25 for 10, \$10 per 100.
- C. Medium.** *Canterbury Bells.* One of the old favorites in a hardy garden. The flowers present many variations of blue, red, and white. 15 cts. each, \$1.25 for 10, \$10 per 100.
- C. persicifolia.** *Peach Bells.* Large flowers of lilac-blue, borne on sturdy stems, nearly all summer. 15 cts. each, \$1.25 for 10.
- C. pyramidalis.** *Chimney Bellflower.* A tall-growing plant bearing long spikes of bluish lilac flowers. Very conspicuous in the hardy border. September. 25 cts. each, \$2 for 10.
- C. rotundifolia.** *Blue Bells of Scotland.* A handsome plant for rockeries and for planting in front of taller-growing varieties. Flowers are blue, bell-shaped. 20 cts. each, \$1.50 for 10, \$12 per 100.

CASSIA marylandica. *American Senna.* Grows to considerable height and bears an abundance of golden yellow flowers nearly all summer. 15 cts. each, \$1.25 for 10, \$10 per 100.

CENTAUREA montana. *Perennial Cornflower.* Grows to about 2 feet. Bears large bluish white flowers. June to September. 15 cts. each, \$1.25 for 10.

CERASTIUM tomentosum. *Snow-in-Summer.* An attractive low plant of creeping habit. The leaves are bright shining green; flowers are white, contrasting nicely with the foliage. Makes a dense carpet on steep banks or other places which you wish to cover. May and June. 15 cts. each, \$1.25 for 10, \$10 per 100.

CHELONE Lyonii. *Turtlehead.* A pretty plant growing to about 3 feet, bearing dark, shining foliage and pyramidal clusters of purplish flowers. 25 cts. each, \$2 for 10, \$15 per 100.

CHRYSANTHEMUMS

These hardy flowers have much to recommend them for general planting. For instance, they bloom in late fall, some of the varieties even unfolding a handsome flower after slight flurries of snow. They are good for cutting and keep quite a while in water. They should be planted in early spring to give an abundance of bloom the next fall.

Prices, except where otherwise noted, 15 cts. each, \$1.25 for 10, \$10 per 100

POMPON VARIETIES

Baby. Small flowers of bright golden yellow.
Fairy Queen. Soft cherry-pink; blooms in mid-season.
Golden Pheasant. A rich golden yellow.
Model of Perfection. Snowy white.
Rhoda. Soft bluish pink.
Rufus. Light red.

HARDY CHRYSANTHEMUMS, SHASTA DAISIES, ETC.

Alaska. A strong-growing plant, bearing large snow-white flowers in great profusion. 20 cts. each, \$1.50 for 10, \$12 per 100.
Mixed Varieties. 15 cts. each, \$1.25 for 10, \$10 per 100.

OLD-FASHIONED LARGE-FLOWERING CHRYSANTHEMUMS

20 cts. each, \$1.50 for 10, \$12 per 100

Indian. Very brilliant red.
Golden Queen. Yellow.
Old Homestead. Delicate soft pink.
Victory. Snowy white.

CIMICIFUGA racemosa. *Snakeroot.* A tall showy plant, bearing long spikes of white flowers. June and July. 25 cts. each, \$2 for 10.



Flowers of *Dianthus barbatus* (Sweet William)

CLAYTONIA virginica. *Spring Beauty.* The light flesh-pink flowers are borne in great abundance in early spring. A pleasing plant for the hardy border. April. 15 cts. each, \$1.25 for 10, \$10 per 100.

CLEMATIS Davidiana. *Shrubby Clematis.* Grows to about 3 feet. Bears large dark green leaves and numerous fragrant lavender-blue flowers. August. 15 cts. each, \$1.25 for 10, \$10 per 100.

C. erecta (C. recta). The flowers are white, sweet-scented, and borne in large dense clusters. July. 25 cts. each, \$2 for 10.

CONVALLARIA majalis. *Lily-of-the-Valley.* A low-growing plant bearing a multitude of tiny bell-shaped flowers. The blooms are fragrant, drooping, and present a handsome appearance. June. Clumps, 25 cts. each, \$2 for 10, \$18 per 100. Divisions, 10 cts. each, 60 cts. for 10, \$4 per 100.

COREOPSIS lanceolata grandiflora. A pleasing flower which starts to bloom in early summer and continues until frost. Flowers are yellow with darker eye. Quite showy plant and valuable for cutting. 15 cts. each, \$1.25 for 10, \$8 per 100.

C. verticillata. Similar to the preceding, except that the flowers are small and the foliage is more deeply cut. June and July. 15 cts. each, \$1.25 for 10, \$8 per 100.

DELPHINIUM · Hardy Larkspur

Delphinium Belladonna. Handsome flowers borne in great abundance on tall, upright spikes. The color is a pronounced sky-blue. Blooms from June until frost. 25 cts. each, \$2 for 10, \$15 per 100.

D. chinense. *Blue Butterfly.* A distinct perennial, growing to a height of about 18 inches. Large blossoms of deep blue are profusely produced on upright spikes during summer. 15 cts. each, \$1.25 for 10, \$10 per 100.

D. chinense album. A pure white form of the preceding. June to frost. 20 cts. each, \$1.50 for 10.

D. formosum. Handsome flowers of deep rich blue with white center. 15 cts. each, \$1.25 for 10, \$10 per 100.

King of Delphiniums. We believe this to be the finest Delphinium we have ever seen. The flowers are of an enormous size. Deep dark blue, and borne on long stout spikes. Valuable in the hardy border. 50 cts. each, \$4.50 for 10.

D. Moerheimi. A new hybrid, bearing long spikes of large snowy white flowers continuously from the middle of June until frost. 35 cts. each, \$3 for 10.

DIANTHUS · Hardy Pinks

Dianthus barbatus. *Sweet William.* A strong plant, bearing an abundance of rosy pink flowers. May. 10 cts. each, 75 cts. for 10, \$6 per 100.

D. deltoides. *Maiden Pink.* The flower of this dainty plant is deep red with a lighter eye. A handsome plant for rockeries or edging. June. 15 cts. each, \$1.25 for 10, \$10 per 100.

D. latifolius atrococcineus flore-pleno. *Everblooming Hybrid Sweet William.* A free-flowering border plant growing to about 12 inches. Flowers large, double dull crimson. Very free-blooming. May and June. 20 cts. each, \$1.50 for 10, \$12 per 100.

DICENTRA formosa. *Plumy Bleeding-Heart.* The flowers of this perennial are of dainty soft rose-color, borne on stems about 1 foot high. May to August. 20 cts. each, \$1.50 for 10.

D. spectabilis. *Bleeding-Heart.* A handsome flowering plant with small delicate blooms of rosy crimson drooping from a plant about 1½ feet tall. April to June. 15 cts. each, \$1.25 for 10, \$10 per 100.

DICTAMNUS Fraxinella. *Gas-Plant.* A handsome hardy perennial, with reddish purple fragrant flowers and glossy green leaves. In dry weather, all parts of this plant emit a vapor which is inflammable; therefore its name. July. 20 cts. each, \$1.50 for 10.

D. Fraxinella albus. Similar to the preceding in every way except that the flowers are pure snowy white. July. 20 cts. each, \$1.50 for 10.

DIGITALIS gloxiniaeflora. *Foxglove.* The bell-shaped flowers are spotted and strikingly colored, some of them being rosy red, some purple, and others white; a pleasing plant for borders. June and July. 15 cts. each, \$1.25 for 10, \$10 per 100.

DORONICUM caucasicum. *Leopard's Bane.* An attractive perennial growing to about 2 feet and bearing large yellow flowers. Foliage is heart-shaped, making a pleasing contrast with the showy bloom. Effective borders. May. 25 cts. each, \$2 for 10.

EUPATORIUM ageratoides. *White Snakeroot.* A common perennial growing to about 5 feet and bearing a multitude of white flowers in August and September. 15 cts. each, \$1.25 for 10, \$10 per 100.

E. coelestinum. A pretty plant growing to about 2 feet. The flowers are light violet-blue remaining on the plant from August until frost. 15 cts. each, \$1.25 for 10, \$10 per 100.

EUPHORBIA corollata. *Flowering Spurge.* A handsome plant, growing to about 3 feet and bearing a multitude of small snowy white flowers in July and August. 15 cts. each, \$1.25 for 10, \$10 per 100.

FERNS

For shady positions on home grounds or on the north side of the house, Ferns make ideal plants. They do not require full sun and they are easy to cultivate.

Adiantum pedatum. *Maidenhair Fern.* A graceful Fern growing to about 1 foot. Foliage is light and thread-like. 15 cts. each, \$1.25 for 10, \$10 per 100.

Aspidium acrostichoides. *Wood Fern.* Grows to about 1 foot, and covered with dark shining green leaves. An evergreen Fern of great merit. 15 cts. each, \$1.25 for 10, \$10 per 100.

A. acrostichoides marginale. *Evergreen Wood Fern.* The fronds of this variety are broad and thick. Grows to about 18 inches. 20 cts. each, \$1.50 for 10.

Asplenium Filix-femina. A handsome Fern growing to about 12 inches. The foliage is deeply cut. 15 cts. each, \$1.25 for 10.

Onoclea sensibilis. *Sensitive Fern.* A handsome plant which does best in wet soil. Grows to about 1 foot. 20 cts. each, \$1.50 for 10.

O. Struthiopteris. *Ostrich Fern.* One of the tallest of our Ferns, growing to 2 or 3 feet. Foliage dark green and drooping. A graceful plant. 30 cts. each, \$2.50 for 10.

Osmunda cinnamomea. *Cinnamon Fern.* Grows to a height of 2 or 3 feet. Foliage pretty and deeply notched. 20 cts. each, \$1.50 for 10, \$12 per 100.

O. cinnamomea regalis. *Royal Fern.* The fronds of this variety are pale green. Considered by many as one of the handsomest of the larger Ferns. 24 to 36 inches. 20 cts. each, \$1.50 for 10, \$12 per 100.

FUNKIA cærulea. The foliage of this perennial is dark green, making a pleasing contrast with a bluish lavender flower. July and August. 15 cts. each, \$1.25 for 10, \$10 per 100.

F. lanceolata. One of the best late-blooming plants in our list. The flowers are lilac-blue. October. 15 cts. each, \$1.25 for 10.

F. subcordata grandiflora. The flowers are large, pure white, contrasting nicely with a bold dark green foliage. 15 cts. each, \$1.25 for 10, \$12 per 100.

F. undulata media picta. One of the most beautiful plants on account of its variegated foliage. The leaves are green with white edges. Flowers are purple. An excellent plant for edging. August. 15 cts. each, \$1.25 for 10, \$10 per 100.

GAILLARDIA grandiflora. *Blanket Flower.* Grows about 2 feet high. The flowers are large, colored gorgeous yellow with dark brown center. May to November. 15 cts. each, \$1.25 for 10, \$10 per 100.

GERANIUM sanguineum. *Crane's-Bill.* A handsome perennial with deeply notched foliage and bright fiery red flowers. May to July. 15 cts. each, \$1.25 for 10, \$10 per 100.

G. sanguineum album. In many respects similar to the above. Grows to about 1½ feet. Flowers are white, opening in early spring and summer. 15 cts. each, \$1.25 for 10.



Gaillardia grandiflora (Blanket Flower)

GYPSOPHILA paniculata. *Baby's Breath.* A pleasing plant, growing to about 3 feet high. Bears dense masses of small, snowy white flowers, excellent for cutting. Makes a nice contrast with plants of varicolored flowers. June and July. 15 cts. each, \$1.25 for 10, \$10 per 100.

G. paniculata flore-pleno. A handsome plant somewhat resembling the preceding. The beautiful double flowers are borne in July and August. 30 cts. each, \$2.50 for 10.

HELENIUM autumnale superbum. *Sneezeweed.* A pleasing plant growing to about 5 feet. Bears sulphur-yellow flowers in August and September. 15 cts. each, \$1.25 for 10, \$10 per 100.

H. autumnale superbum, Riverton Gem. The flowers are yellow, changing to red when fully developed; excellent for cutting. August and September. 20 cts. each, \$1.50 for 10.

HELIANTHUS • Sunflower

Helianthus Maximiliani. The Sunflowers are so well known that they do not need any introduction. This variety is the latest bloomer of all, its large yellow flowers opening in autumn. 15 cts. each, \$1.25 for 10, \$10 per 100.

H. mollis. The flowers are large, sulphur-yellow; foliage is whitish green. August and September. 15 cts. each, \$1.25 for 10, \$10 per 100.

H. multiflorus flore-pleno. *Double Hardy Sunflower.* The blooms of this handsome variety resemble the Dahlia in form, being golden yellow and borne in great profusion during July and August. 20 cts. each, \$1.50 for 10.

H. multiflorus maximus flore-pleno. One of the largest of all Sunflowers, its sulphur-yellow blooms sometimes reaching a diameter of 8 inches. August and September. 20 cts. each, \$1.50 for 10.

Wolley Dod. Distinct variety of deep sulphur-yellow. September. 15 cts. each, \$1.25 for 10, \$10 per 100.

HELIOPSIS Pitcheriana. *Orange Sunflower.* A desirable hardy plant, with flowers of a deep golden color, about 2 inches in diameter which last a long time after cutting. July to September. 15 cts. each, \$1.25 for 10, \$10 per 100.

HELLEBORUS niger. *Christmas Rose.* A valuable hardy plant, blooming in late winter and early spring. The blossoms are white tinted with purple, about 3 inches in diameter, and useful for cut-flowers. March. 35 cts. each, \$3 for 10, \$25 per 100.

HEMEROCALLIS • Yellow Day Lily

Hemerocallis Dumortieri. The flowers of this upright-growing perennial are a dainty orange-yellow, borne on stalks about 2 feet high. May and June. 15 cts. each, \$1.25 for 10, \$10 per 100.

HEMEROCALLIS, continued

- H. flava.** *Yellow Day Lily.* One of the best-known varieties. Fragrant, lemon-yellow flowers are borne in June. 15 cts. each, \$1.25 for 10, \$10 per 100.
- H., Florham.** A strong-growing plant 3½ feet high. Flowers sulphur-yellow, large and trumpet-shaped. June and July. 30 cts. each, \$2.50 for 10.
- H. fulva.** *Tawny Day Lily.* The trumpet-shaped orange flowers are borne on strong upright stalks which grow to about 5 feet. June to July. 15 cts. each, \$1.25 for 10, \$10 per 100.
- H. Kwanso flore-pleno.** The large double copper-red flowers are borne in June and August. 20 cts. each, \$1.50 for 10.
- H. Thunbergii.** The latest Day Lily to bloom. The flowers are rich lemon-yellow and very fragrant. July. 15 cts. each, \$1.25 for 10, \$10 per 100.

HIBISCUS · Mallow

- Hibiscus, Mallow Marvels.** A vigorous-growing plant with delicate foliage and large red, pink, and white flowers. August. Pink and white, 25 cts. each, \$2 for 10, \$16 per 100. Red, 30 cts. each, \$2.50 for 10, \$20 per 100.
- H. Moscheutos.** *Swamp Rose Mallow.* The flowers of this variety reach 6 inches in diameter. Color is a light rosy pink with darker shading. An excellent plant for hardy border. August and September. 15 cts. each, \$1.25 for 10, \$10 per 100.
- H. Moscheutos, Crimson Eye.** The largest flowering Hibiscus. The blooms are pure white with a large spot of dark red in the center. August and September. 15 cts. each, \$1.25 for 10, \$10 per 100.

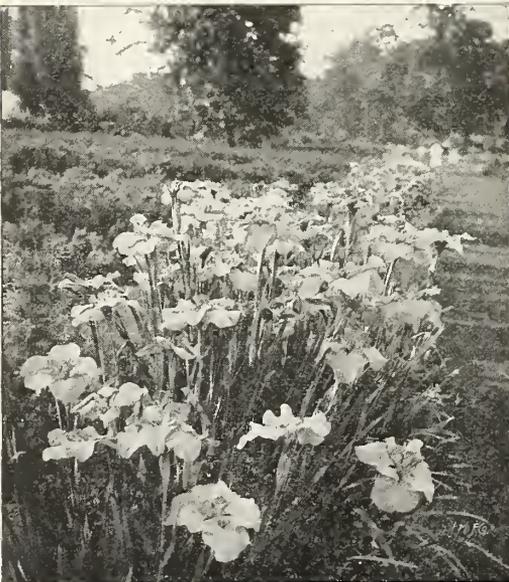
HOLLYHOCKS

The Hollyhock has been a favorite plant in the hardy garden for many years, and it is as valuable today as it was when first planted. It does not require much care but does well in good, fertile soil.

Prices, except where otherwise noted, 20 cts. each, \$1.50 for 10, \$12 per 100

- Double White, Double Rose, Double Yellow, Double Red, Double Maroon.**
- Double Mixed.** 15 cts. each, \$1.25 for 10, \$10 per 100.
- Single.** 15 cts. each, \$1.25 for 10, \$10 per 100.

HYPERICUM Moserianum. *St. John's-Wort.* A handsome border plant, producing an abundance of rich golden yellow flowers from 2 to 2½ inches across. June to Sep. 20 cts. each, \$1.50 for 10, \$12 per 100.



A border of Iris Kaempferi (Japanese Iris)

IBERIS sempervirens. *Hardy Candytuft.* The snowy white flowers are borne in dense flat heads on a sturdy plant growing to about 10 inches high. April and May. 20 cts. each, \$1.50 for 10, \$12 per 100.

IRIS

For early spring beauty in the hardy garden, plantings of Irises are always valuable. The blooms are of many colors and open in May. The stiff, reedy, bright green foliage is pretty all through the summer. Irises do not require much care, but like a sunny location and fairly rich soil. We have selected the varieties which will give the best satisfaction in this location and offer them to you in the following list.

IRIS GERMANICA · GERMAN IRIS

These are perhaps the best known of the Iris family. The blooms open in May, are about 3 inches across, and present a wide variation in color.

Prices, except where otherwise noted, 15 cts. each, \$1.25 for 10, \$10 per 100

- Cherion.** Standards lilac-mauve; falls bluish violet.
- Florentina alba.** A free-flowering variety of large pure white flowers.
- Honorabilis.** Standards golden yellow; falls mahogany brown. A handsome variety.
- Maori King.** Standards golden yellow; falls deep crimson. A low-growing variety bearing large flowers. 25 cts. each, \$2 for 10.
- Madame Chereau.** Standards and falls pure white with a delicate blue edging.
- Mrs. H. Darwin.** Standards snowy white; falls white with touch of bluish violet. A pleasing combination.
- Pallida dalmatica.** One of the handsomest of the German Iris family. A vigorous grower, reaching a height of 4 feet and bearing an abundance of large fragrant flowers of lavender-blue. 25 cts. each, \$2 for 10.

NEW GERMAN IRISES

- Iris King.** Standards sulphur-yellow; falls dark red, with golden margin. A very brilliant variety, excellent in masses with other sorts. 50 cts. each, \$4 for 10.
- Lohengrin.** Standards and falls are a clear even shade of rosy pink. Flowers large and borne in abundance. 50 cts. each, \$4 for 10.

IRIS KAEMPFERI · JAPANESE IRIS

The Japanese Irises are considered to have the largest blooms and to show the greatest variety of color. They bloom early in July and continue to disclose their glorious colors until the middle of August. A mass planting of Japanese Irises always presents a very beautiful effect.

Prices, except where otherwise noted, 25 cts. each, \$2 for 10, \$15 per 100

- Kuro-kumo.** A handsome variety; dark purple, with golden yellow spots.
- Oniga-shima.** Rich royal purple, veined with white.
- Sano-watashi.** Large snowy white blooms with delicate rosy blotches.
- Shi-un-ryo.** Grayish white with deeply marked violet veins.
- Shippo.** Pale lilac with dark purple veins.
- Tokyo.** Large snowy white flowers.
- Tora-odori.** Intense shining purple with grayish splashes.
- Yomo-no-umi.** Snowy white; handsome variety; early.
- Extra-Fine Mixed Sorts.** 20 cts. each, \$1.50 for 10, \$10 per 100.

IRIS PUMILA HYBRIDA

- Cyanea.** Standards bright blue; falls darker blue. Flowers are large and pleasing. 25 cts. each, \$2 for 10, \$15 per 100.
- Excelsa.** Standards and falls a deep shade of clear orange-yellow; long leafy beard of deep orange. A large flower growing on a sturdy stalk. 25 cts. each, \$2 for 10.

IRIS SIBIRICA

Sibirica. Deep bluish purple. 15 cts. each, \$1.25 for 10, \$10 per 100.

Sibirica alba. Snowy white, with pale bluish veins. 15 cts. each, \$1.25 for 10, \$10 per 100.

Sibirica orientalis. A free-flowering, deep blue variety. 15 cts. each, \$1.25 for 10.

Sibirica, Snow Queen. A free-flowering Iris bearing large snowy white blooms. 15 cts. each, \$1.25 for 10, \$10 per 100.

LAVANDULA vera. *Sweet Lavender.* An old garden favorite bearing an abundance of blue flowers with a delightful fragrance. Grows to about 3 feet. July, September. 15 cts. each, \$1.25 for 10, \$10 per 100.

LIATRIS pycnostachya. *Blazing Star, or Gay Feather.* An excellent plant for any use in a hardy border with flowers of different colors. The blooms of this variety are purple, borne in dense spikes, and present an attractive appearance in the hardy border. 15 cts. each, \$1.25 for 10.

LILIUM · Lily

LILIUM auratum. *Gold-banded Lily.* Grows to about 4 feet; leaves lustrous green; flowers purple, with dull crimson spots and a broad golden yellow band running through the center of each petal. 20 cts. each, \$1.50 for 10, \$14 per 100.

L. speciosum album. Large white flowers with greenish white band running through the center of each petal. 20 cts. each, \$1.50 for 10, \$14 per 100.

L. speciosum rubrum, or roseum. Large white flower, covered with numerous primrose spots. 15 cts. each, \$1.25 for 10, \$10 per 100.

L. tigrinum splendens. *Tiger Lily.* Flowers are large golden yellow with black spots. 10 cts. each, 80 cts. for 10, \$7 per 100.

LOBELIA cardinalis. *Cardinal Flower.* Grows to about 3 feet high; flowers fiery scarlet borne on long spikes. 15 cts. each, \$1.25 for 10.

L. syphilitica hybrida. *Great Lobelia.* A hybrid of our native Lobelia producing large spikes of bluish white flowers in July and September. 20 cts. each, \$1.50 for 10.

LYCHNIS chalconica. *Campion.* A pretty plant, growing to about 2 feet high, bearing large heads of brilliant orange-scarlet flowers from June to August. 15 cts. each, \$1.25 for 10, \$10 per 100.

L. Haageana. Flowers brilliant orange-scarlet, large size. May and June. 15 cts. each, \$1.25 for 10.

L. viscaria splendens flore-pleno. *German Catebly.* This plant grows about a foot high, forming a dense tuft of evergreen foliage, and bears spikes of large, deep red, fragrant flowers. 15 cts. each, \$1.25 for 10, \$10 per 100.

MERTENSIA virginica. *Bluebells.* An early-flowering plant growing to about 1½ feet. The flowers are lilac-blue fading to rosy pink. May and June. 15 cts. each, \$1.25 for 10.

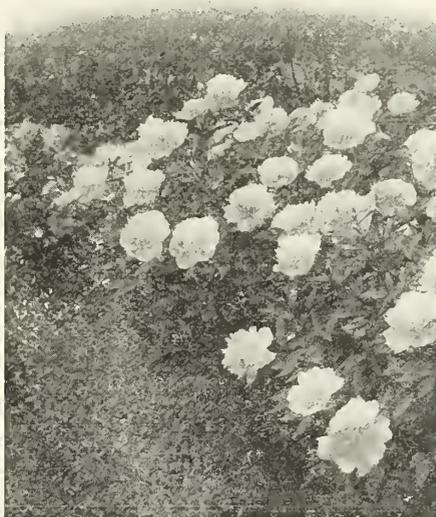
MONARDA didyma. *Oswego Tea.* A showy plant growing to about 3 feet and bearing numerous crimson-scarlet flowers in July and August. 15 cts. each, \$1.25 for 10, \$10 per 100.

M. didyma rosea. *Bee-Balm.* Somewhat like the preceding, but flowers are rosy pink. June to August. 15 cts. each, \$1.25 for 10.

MYOSOTIS palustris semperflorens. *Forget-me-not.* A useful plant for sandy places. Bears numerous bright blue flowers in May and September. 10 cts. each, 90 cts. for 10, \$7 per 100.

ŒNOTHERA missouriensis. *Evening Primrose.* A pleasing plant growing about 1 foot high. Bears an abundance of large golden flowers in July and August. 15 cts. each, \$1.25 for 10.

PACHYSANDRA terminalis. A compact plant about 8 inches high, spreading over large plots of ground. Its dark glossy green foliage is so dense that it is valuable as an evergreen ground-cover. Spikes of blue flowers during May and June. 20 cts. each, \$1.50 for 10, \$12 per 100.



Peony—the Rose's great rival

PAEONIA · Peony

If there is one flower that is destined to outrival the Rose, it is the modern Peony. A multitude of charming colors are seen in the many varieties given in our list; snowy white, fiery pink, brilliant scarlet, and other shades and tints are represented. The proper time to plant Peonies is in September, October, and November. If planted then, there is every chance that they will bloom the following June. Peonies like a rich soil and will respond gratefully to a little attention.

All plants offered and priced are three- to five-eyed, one-year plants, transplanted or divisions. Two-year plants are double the price of one-year. Three-year plants are three times the price of one-year.

Prices, except where otherwise noted, 30 cts. each, \$2.50 for 10, \$20 per 100

Admiral Dewey. (Hollis 1903.) Very large; bomb type; rose-pink, shading heliotrope. Extra good. 40 cts. each, \$3.50 for 10.

Agida. (Origin unknown.) Semi-double; bright showy red. Free bloomer. Midseason.

Albert Crousse. (Crousse 1893.) Bomb type; late; very large; rose-white, flecked crimson; fragrant. Free bloomer. \$1 each.

Alexandre Dumas. (Guerin 1862.) Bright lively pink, interspersed with white and salmon; early; exceptionally floriferous. One of the earliest bloomers. 50 cts. each, \$4 for 10.

Asa Gray. (Crousse 1886.) Semi-rose type. Large pale lilac bloom, sprinkled with darker lilac dots; free bloomer; fragrant. A very fine variety. \$1 each, \$8 for 10.

Avalanche. (Crousse 1886.) Crown type; late mid-season. Color pure snow-white, cream center touched with carmine. \$1 each, \$8 for 10.

Baroness Schroeder. (Kelway 1889.) Rose type; late; flesh-color, changing to white. One of the finest Peonies in existence. \$2 each.

Berlioz. (Crousse 1886.) Bright currant-red shaded with amaranth, petals distinctly tipped silver. 50 cts. each, \$4 for 10.

Boule de Neige. (Calot 1862.) White with sulphur center, inner petals margined with carmine. Tall grower. Fine cut-flower variety. 50c. each, \$4 for 10.

Boadicea. (Origin unknown.) Delicate white, touched with carmine. Strong grower, medium late.

Canari. (Guerin 1861.) White flushed delicate pink, changing to pure white, with primrose-yellow center. Fragrant; a free bloomer. 50 cts. each, \$4 for 10.

Couronne d' Or. (Calot 1873.) Pure white with yellow center, delicate carmine pencilings. One of the best. 60 cts. each, \$5 for 10.

PAEONIA, continued

- Delachei.** (Delache 1856.) Rose type; late mid-season. Deep rich amaranthine purple with a crimson reflex; free bloomer. 50 cts. each, \$4 for 10.
- Dr. Bretonneau.** (Verdier 1854.) The color is a delicate silvery rose with lively pink center, petals tipped creamy white with an occasional crimson fleck. Early mid-season. Very fragrant. 50 cts. each, \$4 for 10.
- Duchesse de Nemours.** (Calot 1856.) Sulphur-white fading to pure white; fragrant; early. A good cut-flower sort. 50 cts. each, \$4 for 10.
- Duke of Wellington.** (Calot 1859.) Bomb type; tall grower; flowers large size, snow-white with sulphur-white center; free and fragrant. A good cut-flower sort.
- Edulis superba.** (Lemon 1824.) Crown type. A beautiful mauve-pink, with silvery reflex. The Decoration Day Peony. A valuable sort.
- Eugenie Verdier.** (Calot 1864.) Opens a very delicate hydrangea-pink with primary petals lighter, center flushed crimson. Early and fragrant. An exceedingly good variety. \$2 each.
- Felix Crousse.** (Crousse 1881.) Rose type, late mid-season. Brilliant red with ruby center. One of the best reds. Very attractive and desirable. 75 cts. each, \$6 for 10.
- Festiva.** (Donkalaer 1838.) Rose type. Blooms of the largest size, double to the center; pure white, crimson fleck. Dwarf grower, making it desirable for planting around shrubbery borders.
- Festiva maxima.** (Miellez 1851.) Rose type; very large free bloomer. Pure white with carmine spots on edge of center petals. Early. The most popular white for cut-flowers. 50 cts. each, \$4 for 10.
- Floral Treasure.** (Rosenfield 1900.) Rose type. Very large full flowers of clear even pink, shading lighter at the center; very delicate color; fragrant; early mid-season. 50 cts. each, \$4 for 10.
- Fragrans.** (Sir Joseph Banks 1805.) Bomb type. Compact full flowers. Color Tyrian red with silvery reflex. An old variety and much used for cut-flowers.
- Golden Harvest.** (Rosenfield 1900.) Bomb type, producing tri-colored bloom. Creamy pink center tipped with carmine. 50 cts. each, \$4 for 10.
- Grandiflora.** (Richardson 1883.) Rose type; very late. Color bright seashell pink overlaid with delicate lilac and salmon-pink. Vigorous grower. A very valuable sort. \$1.25 each.
- James Kelway.** (Kelway 1900.) Semi-rose type. Very double and full, borne in immense clusters. Pure white overlaid with a flush of delicate pink, tinged yellow at base of petals. \$2.50 each.
- Jenny Lind.** (Parsons 1860.) Bomb type; mid-season. Light pink with silvery reflex, narrow white petals interspersed with the center petalage. \$1 ea., \$8 for 10.
- La Perle.** (Crousse 1885.) Rose type; mid-season. Very large and compact; globular flowers. White overlaid with lilac; bluish center. Central petals flecked with carmine. Extra fine. 60 cts. each, \$5 for 10.
- La Rosiere.** (Crousse 1888.) Semi-double type; mid-season. Large flowers in huge clusters. Cream-white petals in the center of the flower; yellow stamens. 75 cts. each, \$6 for 10.
- La Tulipe.** (Calot 1872.) Large, loose blooms on long stems; delicate cream-white, center petals marked carmine. Mid-season. 50 cts. each, \$4 for 10.
- Livingstone.** (Crousse 1879.) Very large and beautiful. Soft rose-pink; long strong stems. Very free bloomer. 75 cts. each, \$6 for 10.
- Louis van Houtte.** (Calot 1867.) Semi-rose type. Late mid-season; fine shapely bloom. Color bright violaceous red of dazzling effect. An old favorite. 50 cts. each, \$4 for 10.
- Madame Bucquet.** (Dessert 1888.) Semi-rose type; mid-season. Perfectly shaped bud and flower. Velvety crimson, almost black. 60 cts. each, \$5 for 10.
- Madame Calot.** (Miellez 1856.) Rose type; large; early. White with blush tint. Free bloomer and very fragrant. 50 cts. each, \$4 for 10.
- Madame de Verneville.** (Crousse 1885.) Bomb type. Early. Large blooms of creamy white, shading to bluish in center with a touch of carmine. One of the most charming varieties. 50 cts. each, \$4 for 10.

- Madame Ducl.** (Mechin 1880.) Bomb type; a large flower; silvery pink. 50 cts. each, \$4 for 10.
- Madame Emile Galle.** (Crousse 1881.) Rose type; late mid-season. Large double cup-shaped imbricated flowers. Color delicate seashell-pink, with touches of heliotrope and lavender. One of the finest Peonies. \$1 each, \$8 for 10.
- Madame Forel.** (Crousse 1881.) Large globular glossy pink blooms, borne on long stems. Free bloomer. 50 cts. each, \$4 for 10.
- Mademoiselle Leonie Calot.** (Calot 1861.) Rose type; late mid-season; tall grower; blooms almost hide the plant. Color delicate rosy white, soft lilac-pink; center with dots of heliotrope-pink. \$1 each.
- Marechal Vaillant.** (Calot 1867.) Rose type; late. Light red with shades of mauve.
- Marie Lemoine.** (Calot 1869.) Large silver-white blooms on strong stems of medium height. Late. 60 cts. each, \$5 for 10.
- Marie Stuart.** (Calot 1856.) Crown type. Color delicate lavender flecked with crimson.
- Meissonier.** (Crousse 1886.) Bomb type; mid-season. Brilliant crimson. Known as American Beauty Peony. Fine variety.
- Model of Perfection.** (Crousse 1875.) Rose type; late bloomer. Color violet-rose; large flower; fragrant. A perfect Peony. 60 cts. each, \$5 for 10.
- Monsieur DuPont.** (Calot 1872.) Semi-rose type. Large; ivory-white, center petals splashed with carmine, anthers yellow. Free bloomer; mid-season. 50 cts. each, \$4 for 10.
- Monsieur Jules Elie.** (Crousse 1888.) Bomb type; early midseason. Immense, globular, full flowers. Color an ideal glossy lilac-pink, shading to deeper rose at base. The entire flower is overlaid with a sheen of silver. Claimed to be the largest of all Peonies. Fine cut-flower. 75 cts. each, \$6 for 10.
- President Taft.** (Blaauw & Co. 1909.) Rose-type; midseason. Strong grower; free bloomer, every shoot crowned with a bloom. Very large; fragrant. Color hydrangea-pink with white halo. \$2 each.
- Princess Beatrice.** (Kelway 1886.) Crown type. Lilac-rose, collar creamy white with shades of amber. Crown of seashell-pink. Fragrant. One of the best of all tri-colored varieties. 50 cts. each, \$4 for 10.
- Rubra superba.** (Richardson 1871.) Rose type; very late. Rich brilliant crimson without stamens; large and double. Fragrant. Good dark red variety. 50 cts. each, \$4 for 10.
- Triomphe de l'Exposition de Lille.** (Calot 1865.) Rose type; late midseason. Large compact bloom; light pink with white reflex. Good bloomer. 75 cts. each, \$6 for 10.

SINGLE PEONIES

- Albiflora.** (Type.) Purest white, center golden yellow. Very floriferous. 75 cts. each.
- Queen of May.** (Kelway.) White with violet shadings; good bloomer. \$1 each.
- Rosy Dawn.** (Barr.) Large white flowers, tinged pink. Extra good. \$1 each.
- The Moor.** (Barr.) Medium size; vigorous grower; good bloomer; rich purple-garnet color. \$1 each.

PAEONIA OFFICINALIS

This type is the old-fashioned variety which blooms very early, before the *Chinensis* varieties.

- Alba flore-pleno.** Large double white flowers. The earliest white Peony. 50 cts. each, \$4 for 10.
- Rubra flore-pleno.** Very dark red. 30 cts. each, \$2.50 for 10.
- Rosea flore-pleno.** Large double pink. The earliest pink Peony. 35 cts. each, \$3 for 10.
- Tenuifolia flore-pleno.** Double flowers of rich glowing crimson. Fine feathery foliage. Early. 35 cts. each, \$3 for 10.

TREE PEONY · PAEONIA MOUTAN

These differ from the herbaceous Peony in that the woody growth does not die each year, and they are more double than the Japan Tree Peony.

- Red, Pink, and White.** 2- and 3-year plants, \$2 each.

PAPAVER · Poppy

Papaver nudicaule. *Iceland Poppy.* A very pretty plant about 1 foot high. Flowers cup-shaped, white, yellow, and scarlet. 15 cts. each, \$1.25 for 10.

PAPAVER ORIENTALE · ORIENTAL POPPY

Goliath. Huge blooms of fiery scarlet.

Mahogany. A pleasing flower of mahogany-red.

Mrs. Perry. Salmon-rose.

25 cts. each, \$2 for 10

PARDANTHUS chinensis. *Blackberry Lily.* Grows about 3 feet high; flowers golden yellow spotted with deep violet-brown. Seed resembles blackberries. July and August. 15 cts. each, \$1.25 for 10.

PENTSTEMON barbatus Torreyi. A charming plant, about 4 feet high, bearing long spikes of brilliant scarlet flowers. 15 cts. each, \$1.25 for 10.

PHLOX

One of the daintiest and prettiest of all hardy perennials. Unlike the average flowers of the perennial class its beauty lies in the great clusters of small flowers.

Prices, except where otherwise noted, 15 cts. each, \$1.25 for 10, \$10 per 100

Africa. Carmine-purple blooms with reddish center. 25 cts. each, \$2 for 10.

Elizabeth Campbell. Large salmon-pink flowers with maroon eye. One of the best. 25 cts. each, \$2 for 10.

Europa. White flowers with dull red eye, borne in large dense clusters. 25 cts. each, \$2 for 10.

Frau Anton Buchner. Clear snowy white, borne in large clusters on low-growing stems. 25 cts. each, \$2 for 10.

Rheinlander. Beautiful salmon-pink with claret eye. 25 cts. each, \$2 for 10.

Bridesmaid. Pure white with reddish eye; large flower. 20 cts. each, \$2 for 10.

Henri Murger. A clear white with deep rosy center, borne in large handsome trusses.

R. P. Struthers. Bright rosy carmine with red eye. 20 cts. each, \$1.50 for 10.

Rynstroem. A new variety with large pinkish white blooms; large trusses. 20 cts. each.

F. G. Von Lassburg. Large flowers of snowy white. 20 cts. each, \$1.50 for 10.

Asia. A handsome Phlox; delicate lilac with a crimson eye. 20 cts. each, \$1.50 for 10.

Bacchante. Bright rose with carmine eye.

Champs Elysees. A pretty variety of pinkish red.

Coquelicot. Clear scarlet with carmine eye; a pleasing variety. 20 cts. each, \$1.50 for 10.

Eclairer. Pleasing rose with reddish center.

Jeanne d'Arc. Snowy white; a late-flowering variety.

Mrs. Jenkins. A low-growing variety, bearing huge clusters of snowy white flowers.

Pantheon. A pleasing bright rosy pink.

Siebold. Considered to be much better than the popular Coquelicot. Bright scarlet.

Comte Von Hochberg. Deep crimson. 20c. each, \$1.50 for 10.

PHLOX SUBULATA · MOSS PINK

Alba. Large snow-white flowers.

Atropurpurea. A pleasing variety, bearing large panicles of reddish purple flowers.

Rosea. Bright rose.

15 cts. each, \$1 for 10, \$8 per 100

PHYSOSTEGIA virginica. *False Dragonhead.* Grows about 3 feet high; bears long spikes of reddish flowers. 15 cts. each, \$1.25 for 10, \$10 per 100.

P. virginica alba. A pure white variety of the preceding. 15 cts. each, \$1.25 for 10, \$10 per 100.

PINKS

Her Majesty. A pleasing plant, growing to about 1 foot and bearing large snowy white flowers.

Homer. Rosy red with maroon center; double flowers fringed on the edge.

White Reserve. A pure white variety possessing a spicy fragrance. Ever-blooming.

20 cts. each, \$1.50 for 10, \$12 per 100

PLATYCODON grandiflorum. *Balloon Flower.* Grows to a height of about 2 feet; bears handsome bell-shaped deep blue flowers all summer. 15 cts. each, \$1.25 for 10.

P. grandiflorum album. Same as above, except that it has white flowers. 15 cts. each, \$1.25 for 10.

PLUMBAGO Larpentæ. *Leadwort.* A low plant widely used as edging. The flowers are beautiful deep blue. August and September. 15 cts. each, \$1.25 for 10, \$10 per 100.

POTENTILLA pyrenaica. *Cinquefoil.* A pretty flower, golden yellow; borne on a sturdy stem about 18 inches high. June to August. 25 cts. each, \$2 for 10.

PRIMULA veris. *English Cowslip.* An attractive hardy plant about 9 inches high. Flowers in a wide range of color in April and May. 15 cts. each, \$1.25 for 10.

P. vulgaris. *English Primrose.* An early-blooming plant, bearing bright golden yellow flowers; fragrant. 15 cts. each, \$1.25 for 10.

PYRETHRUM hybridum. Single-flowering. A desirable plant for hardy border on account of its early blooming and the value of the flowers for cutting. Rose, crimson, and purple are the predominant colors in the different varieties. 20 cts. each, \$1.50 for 10, \$12.50 per 100.

P. uliginosum. *Giant Daisy.* Grows to 4 or 5 feet high, and bears a myriad of large daisy-like, clear white flowers. July to September. 20 cts. each, \$1.50 for 10.

RUDBECKIA laciniata flore-pleno. *Golden Glow.* A popular plant growing to a height of 6 feet. The flowers are golden yellow, produced in masses in summer. 15 cts. each, \$1.25 for 10, \$10 per 100.

R. maxima. A distinct plant growing to about 8 feet; bears bright yellow flowers of great size from June until September. 25 cts. each, \$2 for 10.

R. Newmanii. This variety bears an abundance of dark amber flowers from June to October. 15 cts. each, \$1.25 for 10, \$10 per 100.

R. purpurea. *Giant Coneflower.* Grows to about 3 feet and bears huge flowers of reddish purple from July to October. 15 cts. each, \$1.25 for 10, \$10 per 100.

R. subtomentosa. Grows to about 2½ feet high. Completely covered throughout summer with a mass of brilliant sulphur flowers with reddish purple centers. 20 cts. each, \$1.50 for 10.

SALVIA azurea. *Meadow Sage.* Grows about 3 feet high; produces an abundance of sky-blue flowers in August and September. 25 cts. each, \$2 for 10.

S. Greggii. About 2½ feet high. The small leaves emit a delightful aroma. The deep crimson flowers are borne on long slender spikes. Useful for edging and masses. Not quite hardy with us. July to October. 30 cts. each, \$2.50 for 10, \$18 per 100.

SCABIOSA caucasica. *Pin-Cushion Flower.* A pleasing plant growing to about 18 inches, and bearing good-sized lavender flowers. June to August. 25 cts. each, \$2 for 10.

S. japonica. Grows to about 3 feet; bears clear blue flowers from June until September. 25 cts. each, \$2 for 10.



A border planting of Hardy Phlox

The pure white flowers of *Stokesia cyanea alba*

- SEDUM acre.** *Golden Moss.* Largely used for covering graves, etc. Foliage golden green; flowers orange; dwarf. 15 cts. each, \$1.25 for 10, \$8 per 100.
- S. spectabile.** *Showy Sedum.* A tall variety; produces large heads of light red flowers in late summer. 15 cts. each, \$1.25 for 10, \$10 per 100.
- S. spectabile, Brilliant.** A handsome form of the preceding. Flowers bright red. 20 cts. each, \$1.50 for 10, \$12 per 100.
- SOLIDAGO canadensis.** *Goldenrod.* Grows to a height of 5 feet, and bears dense masses of golden yellow flowers from July to September. 15 cts. each, \$1.25 for 10, \$10 per 100.
- S. Virgaurea nana.** Grows to about 15 inches, and produces deep amber-yellow flowers. One of the best plants blooming in late summer. August and September. 15 cts. each, \$1.25 for 10, \$10 per 100.
- STOKESIA cyanea.** *Stokes' Aster.* A handsome plant, about 2 feet high, and bearing huge sky-blue flowers from July to October. One of our most handsome and effective perennials. 15 cts. each, \$1.25 for 10, \$10 per 100.
- S. cyanea alba.** In form the same as the preceding. Flowers are pure white, borne from July to October. 15 cts. each, \$1.25 for 10.
- TRADESCANTIA virginiana.** *Spiderwort.* A fine plant producing an abundance of small bluish white flowers from June to October. Leaves slender and reed-like. One of the old garden favorites. 15 cts. each, \$1.25 for 10.
- TRITOMA Pfitzeri (Kniphofia).** *Flame Flower, or Torch Lily.* The long spikes, tipped with flaming orange-scarlet, are simply gorgeous. One of the most striking of all flowers. Good for cut-flowers and interior decoration. August and September. 25 cts. each, \$2 for 10, \$15 per 100.
- T. Uvaria grandiflora.** The flowers of this variety are rich Indian red and yellow, changing to reddish yellow; very striking in the hardy border. 20 cts. each, \$1.50 for 10.
- VERONICA amethystina.** *Speedwell.* A handsome perennial, growing to about 2 feet and bearing an abundance of blue flowers in May and June. 15 cts. each, \$1.25 for 10, \$10 per 100.
- V. incana.** The spikes of brilliant blue flowers contrast nicely with the silver-green foliage. July and August. 15 cts. each, \$1.25 for 10.
- V. longifolia subsessilis.** We cannot speak too highly of this hardy plant, for it is without doubt one of the best for the hardy garden; grows about 2 feet high. It produces an abundance of sky-blue flowers in August and continues to bloom until late fall. 20 cts. each, \$1.50 for 10, \$12 per 100.
- V. virginica.** Bears long spikes of snowy white flowers from June until August. 15 cts. each, \$1.25 for 10.
- VALERIANA officinalis.** *Hardy Garden Heliotrope.* Grows to a height of about 5 feet and produces an abundance of fragrant pink flowers; deeply cut green foliage. June and July. 20 cts. each, \$1.50 for 10.
- VINCA minor.** *Periwinkle, or Trailing Myrtle.* A fine old-fashioned evergreen plant, widely used for ground-covering, for rockeries, or for planting beneath trees, for it delights in a shady place. Foliage dark, glossy, and so dense as to produce a beautiful green carpet. Bears numerous blue flowers in midsummer. 10 cts. each, 80 cts. for 10, \$7 per 100.
- VIOLA CORNUTA.**
- Admiration.** Bears soft purple pansy-like flowers.
- lutea splendens.** Handsome golden yellow.
- papilio.** Rich purple with black eye.
- White Perfection.** A handsome, small white flower. All the Violas in this list make excellent bedding plants. Long stems and very fragrant blooms. Fall and spring. 15 cts. each, \$1.25 for 10, \$10 per 100.
- VIOLET, Princess of Wales.** A handsome flower, violet-purple with lighter center. One of the most beautiful of all violets. 15 cts. each, \$1.25 for 10, \$10 per 100.
- YUCCA filamentosa.** *Adam's Needle.* A hardy plant which will give your garden a tropical look. The leaves are evergreen, sharp, and spiny on the edges. The waxy, bell-shaped flowers are borne on a slender stem often 6 feet tall. 2-year plants, 25 cts. each, \$2 for 10, \$15 per 100; 3-year plants, 35 cts. each, \$2.50 for 10, \$20 per 100.

GRASSES

- Arundo Donax.** *Reed Grass, or Great Weed.* Often attains a height of 15 feet. Should be planted in clumps. 25 cts. each, \$2 for 10.
- Arundo Donax variegata.** Somewhat lower-growing than the preceding. Foliage is dull white, variegated with green. 30 cts. each, \$2.50 for 10.
- Erianthus ravennæ.** *Plume Grass, or Hardy Pampas.* Grows about 6 feet. Makes a dense clump. 25 cts. each, \$2 for 10.
- Eulalia gracillima univittata.** *Japan Rusb.* A graceful ornamental grass growing to about 6 feet. The reeds are long, narrow, and bright green in color. 25 cts. each, \$2 for 10, \$12 per 100.
- E. japonica variegata.** An ornamental grass with long green leaves striped with white. Grows to about 6 feet. 25 cts. each, \$2 for 10, \$12 per 100.
- E. japonica zebrina.** A striking ornamental grass marked with golden yellow bands running across the leaf. 25 cts. each, \$2 for 10.
- Phalaris arundinacea variegata.** *Variegated Ribbon Grass, or Gardener's Garters.* Grows to 3 feet. Foliage is large, variegated white and green. A handsome ornamental grass for bordering large beds. 12 to 15 inches high. 15 cts. each, \$1.25 for 10, \$10 per 100.
- BAMBUSA aurea.** *Golden Bamboo.* A slender, graceful, tall-growing ornamental, bearing light green foliage contrasting nicely with the yellowish stems. \$1 each.
- B. Metake.** *Japanese Bamboo.* Does not grow quite so tall as Aurea. Foliage dark green above, paler beneath. \$1 each.

FRUIT TREES FOR ORCHARD AND GARDEN

Fresh fruit is always desirable for the table; therefore, it is good policy to have a few fruit trees in the garden. A few Apple, Peach, Pear, or Cherry trees do not cost very much and they bear luscious fruit that you will like. Grapes are another fruit that should be on the home grounds, because the vine is ornamental, and the fruit is healthful. The trees given in our lists are extra strong and are well suited for nearly all localities.

APPLES

5 to 6 feet, 35 cts. each, \$2.50 for 10, \$18 per 100; 6 to 7 feet, 50 cts. each, \$3.50 for 10, \$25 per 100; Extra-heavy, 75 cts. to \$1 each.

SUMMER

Benoni. Orange-yellow with reddish blush. July.
Early Harvest. Medium-sized Apple; pale yellow; tender, juicy, nicely flavored. July.
Red Astrachan. Large size; juicy, nicely flavored. Tree hardy; good bearer. July and August.
Red June. Medium-sized Apple; red. June and July.
Sweet Bough. Handsome fruit; pale golden yellow with a faint reddish blush. July.
Yellow Transparent. Pale yellow skin and tender juicy flesh; heavy bearer. June and July.

AUTUMN

Chenango. Medium-sized Apple with pleasant taste; red skin. July and August.
Fall Pippin. A large Apple with delicious tender flesh. The trees are hardy and vigorous growers and bear heavy crops. August and September.
Fameuse (Snow Ball). Medium size; deep red color, flesh white; fine flavor. September and October.
Gravenstein. Large to very large. Skin pale yellow with reddish streaks; excellent flavor; keeps well. October.
Maiden Blush. Medium-sized; lemon-yellow skin and reddish cheek; quality and flavor fine; trees strong growers. August.
Oldenburg (Duchess of Oldenburg). Flesh white, juicy; pleasing flavor; trees low growers and much fruit can be picked from the ground. It will thrive anywhere. July and August.
Rambo. One of the old favorites; size medium; color yellow, streaked with red; flesh tender; flavor spicy; tree vigorous. October.

WINTER

Arkansas Black. Yellow flesh; flavor fine. A long-keeping variety. November to January.
Baldwin. Large. Skin red all over; flesh crisp and rich. Quick grower. November to April.
Banana. Large to extra large; golden yellow; flesh rich sub-acid; delicious banana-flavor. Nov. to March.
Ben Davis. Keeps late; trees hardy. November to March.
Delicious. Without a doubt this is one of the best Apples for all sections of the country. It is hardy, vigorous, and bears heavy crops of luscious fruit. The flesh is crisp, fine grained, juicy; flavor slightly acid but very pleasing. Its color is dark red, shading to yellow.
Fallwater. Very large; skin grayish green; flesh yellow; mildly sweet. October to December.
Greenville (Winter Maiden Blush). Reddish cheek; fine flavor. November to January.
Grimes (Grimes' Golden). Medium sized; flesh yellow, tender; flavor spicy and pleasing. A fine Apple for eating raw or for cooking; keeps well. October to January.
Jonathan. Large; fiery red; flesh juicy, tender; flavor sub-acid, delicious. Excellent for home or market. October to January.
Northwestern (Northwestern Greening). Large to very large; color greenish yellow; flesh juicy, sub-acid. November to March.
Paragon (Mammoth Black Twig). Large; flesh tender, sub-acid, fine quality. November to April.
Ralls (Rall's Janet). Large; yellow; flavor pleasing; flesh juicy. November to March.

Rome (Rome Beauty). Large; round; red stripes; fine flavor; excellent quality. November to February.
Roxbury (Boston Russet). Yellow with reddish cheek; flesh tender, juicy. December to May.
Stark. Large; yellow, with red shadings; flesh yellow, mildly sub-acid, excellent flavor. December to May.
Stayman Winesap. Large; red stripes; flesh yellow, juicy. Without doubt one of the best for either home or market use. November to April.
Tompkins King (Tompkins County King). Large; red. October to December.
Winesap. Medium size; shape oblong; color dark red; flesh yellow. November to March.
Yellow Bellflower. Very large; dull yellow; flavor is juicy and agreeable. October to January.
York Imperial. Size medium, round; color greenish yellow, with reddish stripes; flesh tender; flavor juicy. One of the best varieties for home use. November to May.

DWARF APPLES

4 to 5 feet, 2 years, 75 cts. each, \$6 for 10

Baldwin
Gravenstein
King Lady
Oldenburg
Red Astrachan
Wealthy
Yellow Transparent

CRAB-APPLES

Hyslop. Large; crimson; acid.
Martha. Flavor spicy; bright yellow, with red shadings.
Red Siberian. Large; spicy; good for cooking.
Transcendent. Yellow with a red cheek.
Whitney's Seedling. Very large; glossy green with red blotches; flesh juicy; flavor pleasant.
Yellow Siberian. Like Red Siberian except that fruit is yellow.

APRICOTS

4 to 5 feet, 50 cts. each, \$5 for 10

Early Golden. Medium size; yellow; juicy.
Harris. Bright yellow with red cheek; nicely flavored.
Moorepark. Fruit large, yellow with crimson cheek; flavor juicy.

RUSSIAN APRICOT

Alexander. Large; yellow; flesh juicy; flavor sweet.

CHERRIES

5 to 6 feet, 50 cts. each, \$4 for 10; 6 to 7 feet, 75 cts. each, \$6 for 10

OXHEARTS

Bing. Dark brown; flesh dark; flavor high; size large.
Tartarian (Black Tartarian). Flesh juicy; flavor sweet. Extra large.
Wood (Governor Wood). Yellow; flesh juicy; delicious.

BIGARREAS

Napoleon. Extra large; pale yellow; flesh juicy; flavor sweet.
Rockport. Large; golden yellow; flesh red, juicy, firm; flavor sweet.
Schmidt. One of the largest. Color mahogany; flesh dark, juicy.
Spanish (Yellow Spanish). Large; flesh firm, fine quality; flavor delicious.
Windsor. Large; flesh firm; flavor delicious.

DUKE AND MORELLO CHERRIES

Baldwin. Dark red fruit. Ripens in June.
Dyehouse. Good-sized fruit, ripening very early.
Late Duke. Large berries, blackish red; ripens late.
May Duke. Flavor pleasing; ripens early.
Large Montmorency. Bright red; flesh juicy; flavor rich.
Richmond (Early Richmond). Light red, medium-sized; very sour.

MORELLO

English. Fair-sized; red; flavor acid.

FIGS

Field-grown, 2 to 3 feet, 50 cts. each, \$5 for 10

Brown Turkey. Medium size; brown; flavor sweet.

PEACHES

4 to 5 feet, 25 cts. each, \$2.50 for 10; 5 to 6 feet, 35 cts. each, \$3 for 10; Extra-heavy, 75 cts. to \$1 each

Alexander. Medium-sized; flesh white. Freestone. July 1.

Beer's Smock. Large; orange-yellow; flavor pleasing. Free. August 1.

Carman. Without doubt one of the finest both for market and table. Fruit is large and oval-shaped; flesh firm and yellowish with red tinge; flavor spicy. Free. July 10.

Champion. Large; creamy white with reddish cheek; juicy; flavor sweet. August 1 to 15.

Crawford Early. Fine quality. Free. September 10.

Crawford Late. High quality; flesh sweet. Free. September 25.

Elberta. Fruit large to extra large; golden yellow with reddish stripes; flesh juicy; flavor rich sweet. Tree is vigorous, hardy, and bears heavy crops. One of the best for market or table. End of August.

Globe. Large; flesh juicy; yellow; flavor pleasant. Free. September 20.

Hale Early (J. H. Hale). Flesh white; quality fine. Free. August 10.

Heath Cling. Very large; flavor pleasing. Last of September.

Lemon Cling. Large; pale yellow with dark red cheek. September.

Lemon Free. Lemon shape and color; large; flavor good. September.

Mayflower. Large; red all over; flavor delicious. Semi-cling. July.

Mountain Rose. Large; flesh white; flavor delicious. Free. August 25.

Oldmixon Cling. Large; flesh juicy; flavor sweet. September.

Oldmixon Free. Large; flesh yellowish; flavor rich. August and September.

Salway. Large; flesh yellow, juicy; flavor sweet. Free. October 10.

Sneed. Flavor fine; quality excellent. Free. July.

Stump (Stump the World). Large; flesh firm; flavor fine. September 20.

St. John (Yellow St. John). Large; sweet; flesh juicy. Free. August 25.

NECTARINES

4 to 5 feet, 50 cts. each, \$5 for 10

Downton. Large; smooth; delicious. Free. August.

PEARS

5 to 6 feet, 50 cts. each, \$4 for 10; 6 to 7 feet, 75 cts. each, \$6 for 10; Extra size, 75 cts. to \$1 each

SUMMER

Bartlett. Large; flavor luscious. Aug. and Sept.

Clapp Favorite. Large; flesh juicy; flavor fine. August.

Early Harvest. Large; hardy; prolific bearer. July.

Tyson. Flavor excellent; flesh juicy. July.

Wilder. Flesh is fine grained, tender; sub-acid flavor. July and August.

AUTUMN

Barseck (Bartlett-Seckel). Large; possesses a pleasing flavor. September.

Clairageau (Beurre Clairgeau). Large; flavor excellent. October.

Angouleme (Duchess of Angouleme). Large; extra-fine quality; juicy; flavor rich. October.

Flemish (Flemish Beauty). Extra large; flesh juicy; flavor rich. September.

Howell. Large, possessing a sweet and buttery flavor. September.

Kieffer (Kieffer's Hybrid). Large; flesh juicy; high flavor. October and November.

Seckel. Flesh fine-grained; flavor sweet and melting; early. September.

Sheldon. Large; flavor spicy; rich and delicious. November.

WINTER

Anjou. Large; flesh coarse; flavor pleasing. October and November.

Lawrence. Juicy, spicy flavor. Best in December and January.

DWARF PEARS

4 to 6 feet, 60 cts. each, \$5 for 10

Bartlett	Howell
Anjou (Beurre d'Anjou)	Lawrence
Clapp Favorite	Louise (Louise Bonne de
Angouleme	Seckel Jersey)

PLUMS

5 to 6 feet, 50 cts. each, \$4 for 10; Extra-heavy, 75 cts. to \$1 each

Abundance (Botan). Large; juicy; flavor sweet; small pit. August.

America. Large size; color red; trees bear young.

Arctic (Moor's Arctic). Small; purplish skin; flavor sweet. September.

Bradshaw. Flesh juicy; quality good; flavor excellent. August.

Burbank. Very distinctive flavor. September.

French Damson. A large Plum of fine flavor.

German Prune. Large; dark purplish; flesh yellowish; flavor pleasing.

Green Gage. Good size; tree is a strong grower.

Gueii. Fruit purple; large size; flavor sub-acid.

Lombard. Medium-sized; flavor pleasing. Excellent for canning.

Pottawattamie. Large reddish Plum of the Wild-geese type.

Pride (Shippers' Pride). Large; blackish purple; juicy; flavor sweet. September.

Red June. Large; skin purplish red; flesh yellow; quality good. July 1.

Shropshire (Shropshire Damson). Flesh juicy; highly flavored.

Wildgoose. Sweet; juicy; bright red skin.

Yellow Gage. Large; juicy; very rich flavor. Aug.

QUINCES

4 to 5 feet, 50 cts. each, \$4.50 for 10

Apple, or Orange. Large; delicious; skin golden yellow.

Champion. Large; quality fine; flavor very pleasing.

Meech (Meech's Prolific). Fruit large; orange-yellow.

Rea (Rea's Mammoth). Larger than Orange and somewhat resembling it.

MULBERRIES

5 to 7 feet, 50 cts. each, \$4 for 10

American (New American). As good as Downing but the tree is hardier. June and July.

Downing (Downing's Everbearing). Fruit large; black; flavor sweet, rich, and pleasing. June and July.

DIOSPYROS • Persimmon

5 to 6 feet, 50 cts. each, \$4 for 10

Virginiana. A small fruit resembling a plum; yellow; flavor sweet, if exposed to frost.

SMALL FRUITS

GRAPES

Prices, except where otherwise noted, 2 years, 15 cts. each, \$1.25 for 10; 3 years, 20 cts. each, \$1.50 for 10

BLACK

Campbell. Strong-grower; black berries; flavor sweet. 25 cts. each.

Concord. Fine black variety; juicy and sweet; the standard variety in most sections.

Eaton. Brownish black; juicy and sweet. 25 cts. each.

Ives. Large berries borne in compact bunches; flavor pleasing.

Moore (Moore's Early). Large; flavor fine; quality excellent.

Worden. Large; pleasing flavor; vines strong and productive.

RED

Agawam. Large; tender; juicy; flavor very good.

Brighton. Large; flavor and quality excellent; an early ripener.

Catawba. Large; flavor fine.

Delaware. Very sweet spicy flavor.

Lindley. Large; flesh tender; flavor sweet. 25 cts. each.

Wyoming. Larger than Delaware; flavor sweet.

Vergennes. Large; flavor rich and delicious; keeps well.

WHITE

Duchess. Large; flesh juicy with a very sweet flavor. 25 cts. each.

Diamond (Moore's Diamond). Flesh juicy; flavor pleasing.

Niagara. Perhaps the best white Grape; bunch and berries large; pale yellow when fully ripe; flavor sugary.

Pocklington. Large bunch; vine hardy and productive.

Colerain.

CURRANTS

2 year, 15 cts. each, \$1.25 for 10; Extra-large bushes, 25 cts. each, \$2 for 10

Champion. Large; black; flavor excellent; bush is a strong grower.

Cherry. One of the largest; flavor spicy; bush strong.

Fay (Fay's Prolific). Large; red; bush hardy; productive.

Naples (Black Naples). Flavor tart; excellent for jellies.

Versailles (La Versailles). Berries large, borne in long bunches.

White Grape. Very large; yellowish white; a good bearer.

GOOSEBERRIES

Prices, except where otherwise noted, 20 cts. each, \$1.50 for 10, \$10 per 100

Downing. Large; greenish white; flesh soft and juicy.

Houghton. Medium-sized; pale red; flavor sweet.

Josselyn (Red Jacket). Large; red; flavor spicy. 25 cts. each.

Smith (Smith's Improved). Large; light green; flesh sweet.

RASPBERRIES

Prices, except where otherwise noted, 10 cts. each, 40 cts. for 10, \$2 per 100

RED AND YELLOW

Columbian. A native variety of large size.

Cuthbert. Large; red; flavor luscious and sweet.

Golden Queen. Large; amber-yellow; flesh firm.

RED AND YELLOW RASPBERRIES, continued

Louden. Large; rich crimson in color. Possesses a very rich sub-acid flavor.

Marlboro. Large, reddish berries possessing a fine flavor. Ripens early.

St. Regis. Large; deep red; fine flavor. 10 cts. each, 50 cts., for 10, \$2.50 per 100.

BLACK RASPBERRIES

Cumberland. Very large; flesh firm, juicy, and very sweet.

Farmer (Plum Farmer). Berries are thick; juicy; good quality; flesh firm; flavor spicy.

Gregg. Large; good quality; flesh purple; flavor excellent. Bush is a very abundant bearer.

Kansas. Large; firm; flavor excellent.

BLACKBERRIES

10 cts. each, 50 cts. for 10, \$3 per 100

Early Harvest. Medium-sized; flesh tender; juicy. Bush is a vigorous grower and heavy cropper.

Eldorado. Pleasing melting flavor; sweet. Bush hardy and productive.

Erie. Large berries of good quality; ripens early.

Rathbun. Extra-large; quality good. One of the best Blackberries for general planting.

Snyder. Flavor sweet and melting; medium size. Bush hardy and produces enormous crops.

DEWBERRIES

10 cts. each, 50 cts. for 10, \$2.50 per 100

Lucretia. Sometimes called Trailing Blackberry. Fruit large and handsome; flavor very pleasing.

WINEBERRY

10 cts. each, 50 cts. for 10, \$3 per 100

Japanese. A new berry valuable for preserving and cooking. Large; scarlet color; flesh juicy, possessing a sweet flavor.

STRAWBERRIES

10 cts. each, 50 cts. for 10, \$1.50 per 100

Aroma. An old standard variety, bearing large delicious berries.

Clyde. Large size; excellent quality; ripens early.

Dunlap. Ripens in mid-season; keeps well; berries medium size.

Excelsior. A productive plant bearing large berries; ripens early.

Gandy. By many considered one of the best. Berries large; light red; ripens very late. Plant is sturdy and yields immense crops.

Haverland. Ripens early; good size; flavor delicious.

Mitchell. Medium-sized; flavor fine. Plant is a sturdy grower and heavy cropper.

Stevens (Stevens' Late Champion). Ripens very late. Berries large, firm; flavor good.

AUTUMN-BEARING STRAWBERRIES

Prices, except where otherwise noted, 40 cts. for 10, \$2.50 per 100

Americus. Fruit is large, firm, and possesses a pleasing flavor; ripens in September. 50 cts. for 10, \$3 per 100.

Progressive. Good-sized berries; red; flavor good; ripens until frost.

Superb. Large to extra large; flavor excellent; ripens from August 15 to November 15. Practically everbearing.

SAGE

Holt's Mammoth. A perennial herb used in stuffings where it imparts an excellent flavor. 15 cts. each, \$1.25 for 10.

RHUBARB · Pie-Plant

2-year plants, 15 cts. each, \$1 for 10

Linnæus. The best Pie-Plant. Stalks ripen early, are tender, and possess a spicy flavor.

Queen. The stalks of this variety are extra large. Very good for canning or cooking.

ASPARAGUS

Prices, except where otherwise noted, strong 2-year plants, 50 cts. for 10, \$1.50 per 100

Barr's Mammoth. Stalks are large; flavor good.

Palmetto. Early; thick green-stems; very prolific.

Columbian Mammoth White. A strong-growing variety producing large white shoots.

Giant Argenteuil. A very early variety. The shoots are of huge size and possess a superb flavor. Not likely to rust. 50 cts. for 10, \$2 for 100.

NUT FRUITS

HICORIA · Hickory

Hicoria laciniosa. *Shellbark Hickory.* A vigorous-growing tree with dense green leaves. Bears small nuts with edible sweet kernels. 2 to 3 feet, 60 cts. each, \$5 for 10; 3 to 4 feet, 75 cts. each, \$6.50 for 10.

CASTANEA · Chestnut

Castanea americana. *American Chestnut.* A very valuable tree both on account of its fruit-bearing characteristics and as an ornamental. 4 to 5 feet, 50c. each, \$4 for 10; 5 to 6 feet, 75 cts. each, \$7.50 for 10.

C. japonica. *Japanese Chestnut.* A dwarf-growing tree bearing immense crops of large, finely flavored nuts. 3 to 4 feet, 75 cts. each, \$7 for 10; 4 to 5 feet, \$1 each, \$9 for 10.

Paragon. A handsome tree bearing numerous sweet, edible nuts of large size. 4 to 5 feet, \$1 each, \$8 for 10; 5 to 6 feet, \$1.50 each, \$12 for 10.

PECAN

Prices, except where otherwise noted, 2 to 3 feet, \$1 each, \$9 for 10; 3 to 4 feet, \$1.25 each, \$12 for 10

Louisiana Paper-Shell. This species of trees grows to large size. Valuable for shade trees and for the edible nuts they produce. Our trees are grown from large, selected thin-shelled nuts. 2 to 3 feet, 50 cts. each, \$4.50 for 10; 3 to 4 feet, 75 cts. each, \$6.50 for 10; 4 to 5 feet, \$1 each, \$9 for 10.

Schley. Thrifty, strong, symmetrical grower; kernel plump.

Stuart. Regular bearer; uniform size and shape; large and plump; well filled; very good quality.

Van Deman. Rich and well flavored. Medium large, elongated.

HAZELNUT · Filbert

English. Low-growing trees of great hardiness and producing an abundance of round nuts. Kernel has an excellent flavor. Useful in making desserts. 3 to 4 feet, 50 cts. each, \$4 for 10; 4 to 5 feet, 60 cts. each, \$5 for 10.

American Filbert Seedlings. The common Hazelnut. A hardy tree bearing tender edible nuts. 2 to 3 feet, 35 cts. each, \$3 for 10.

JUGLANS · Walnut

Juglans cinerea. *Butternut.* A handsome tree with grayish bark; produces large elongated nuts. Kernel very meaty, sweet, and delicious. 6 to 8 feet, 75 cts. each, \$7 for 10; 8 to 10 feet, \$1 each, \$9 for 10.

J. nigra. *Black Walnut.* A native tree of large size. Produces large crops of delicious meaty nuts. 5 to 6 feet, 60c. each, \$5 for 10; 6 to 7 feet, \$1 each, \$9 for 10.

Juglans regia. *English Walnut.* Produces large crops of delicious thin-shelled nuts. Too well known to need description. 2 to 3 feet, 50c. each, \$4 for 10, \$30 per 100; 3 to 4 feet, 60c. each, \$5 for 10, \$40 per 100.

J. Sieboldiana. *Japanese Walnut.* Excellent for ornamental planting. The large nuts are produced in clusters. Kernels are edible and delicious. 5 to 6 feet, 60 cts. each, \$5 for 10; 6 to 8 feet, 75 cts. each, \$6.50 for 10; 8 to 10 feet, \$1 each, \$8 for 10.

ATTRACTING BIRDS

When we plant a tree or shrub, we unconsciously issue a cordial invitation to the birds to be our guests and to build their homes near ours. The orchardist would have a difficult problem if our little feathered friends, the birds, did not help him, for his crops would be destroyed by insects. This is also true of all garden and landscape plantings, for the number of insects eaten by birds is enormous.

Birds should be encouraged to come around our homes, for in addition to their great work in destroying insects, they add a living touch to our grounds. They prefer to haunt grounds that are planted with shrubs and trees that bear berries or seeds, for birds are very fond of these. The following list is made up with the desires of the birds especially in mind and your selection should be made from this list. For the description of any of the different kinds, look in the index and find the number of the page it is on.

Ampelopsis quinquefolia (Virginia Creeper)
Berberis (Barberry) *Thunbergii*, vulgaris
Betula (Birch), all varieties
Callicarpa purpurea
Celastrus scandens
Celtis crassifolia (Hackberry)
Cornus (Dogwood), all varieties

Crataegus (Hawthorn), all varieties
Elaeagnus (Silver Thorn), all varieties
Euonymus, all varieties
Ilex (Holly) *verticillata*
Juniperus communis (Common Juniper)
J. virginiana (Red Cedar)
Larix (Larch), all varieties
Ligustrum (Privet) *vulgaris*, *ibota*, *Regelianum*
Lonicera (Honeysuckle) *Morrowii*, *tatarica*
Morus (Mulberry)
Prunus (Plum)
Pyrus (Chokeberry)
Rhamnus (Buckthorn) *cathartica*, *caroliniana*
Rhus (Sumac), all varieties
Ribes (Flowering Currant), all varieties
Rosa (Rose) *multiflora* and all varieties
Rubus (Flowering Raspberry), all varieties
Sambucus (Elder) *racemosus*, *canadensis*
Symphoricarpos (Snowberry) *vulgaris*, *racemosus*
Tsuga (Hemlock), all varieties
Viburnum (Snowball), all varieties
Vitis (Wild Grape), all varieties



Having selected suitable trees and shrubs which will help supply food for the birds, we must also provide suitable nesting-places. All birds naturally nesting in hollow trees or logs will quickly take to artificial houses. Precaution should be taken to keep cats and red squirrels away, as they are both very destructive, especially to the fledglings. We have several different types of bird-houses suitable for Wrens, Bluebirds, Chickadees, Purple Martins, Woodpeckers, Crested Flycatchers, and others. These are substantially made to meet the various needs, and are thatched with hemp, giving a very artistic effect. For prices on these bird-houses or any information relative to attracting birds, address

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WILLADEAN
NURSERIES

SPARTA · KENTUCKY