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NOTICE!

NATORP'S NEW TELEPHONE NUMBER

Private Branch Exchange

NORWOOD 1375

Cincinnati, O.

Natorp Garden Book

Dedicated to *Garden Lovers*
generally and to those of the
Ohio Valley especially.

LANDSCAPING and PLANTING
SUGGESTIONS and a COMPLETE
CATALOG of Hardy Nursery Stock
adapted to this section of the country

The WM. A. NATORP COMPANY
Landscape Architects
CINCINNATI, OHIO
Garden View
4400 Reading Road

MEMBERS

*The American, Ohio and Kentucky Associations of Nurserymen
and The Cincinnati Association of Landscape Architects*

GARDEN VIEW—4400 Reading Road, Cincinnati, Ohio, our headquarters.

The Wm. A. Natorp Co., Landscape Architects

THERE seems to exist some confusion in the minds of many people as to the difference between the landscape architect and the landscape gardener.

The architect, through training and experience, is able to create a picture through the use of growing plants. The actual planting and subsequent care is only a part of his services. He must be able to visualize the results of his work far in advance of the time when the plant growth will give the picture desired. His ability to do this enables him to avoid the common and costly mistakes which often do not make an appearance until all work has been completed.

In no other business is the need of efficient and intelligent workmen so necessary as in the work of the landscape architect. Years of study and experience are required for the training of men who know how to handle the intricate details of this profession.

Our organization is composed of trained men who have devoted their lives to landscape work—many of whom have gained their experience in Europe. Their art and ability are within the reach of almost every home owner,

whether it be the modest cottage or stately mansion. Our service covers every phase of landscape architecture—planning, planting, maintenance, construction of walks, drives, walls and other garden features—while *Natorp Nursery Stock* is famous throughout the Middle West for its high quality, beauty and fine growing qualities.

We take pleasure in referring those interested in our service to the thousands of satisfied Natorp clients and customers, representing a wide diversity of property from the modest cottage garden to the large private estates as well as public and industrial institutions.

Our young trees are grown sufficiently far apart to insure proper development. Note the ample space between these trees growing at the Natorp Nursery.

Many thousands of young evergreens under shade at the Natorp Nursery.

Natorp Nurseries and Nursery Stock

NOT many years ago practically all of the nursery stock planted in this section was shipped in. Now very little comes from the outside. In fact, the old order has been reversed, for, during the past year The W. A. Natorp Company has shipped carloads of evergreens to other parts of the country.

This change has been a distinct gain to the garden lovers of this section. Not only do they save the transportation charges, but they are assured plants that are adapted to the climatic and soil conditions of this locality, and that will make the best growth.

View of a corner of one of our evergreen sections showing a collection of fine specimen evergreens.

In bringing about this new condition we feel that we have played no small part. Through the development and enlargement of our nurseries we have steadily increased the output of locally-grown plants. GARDEN VIEW—our show and sales gardens on Reading Road—and our nurseries on Montgomery Pike comprise 95 acres, all of which are planted with choicest stock.

Here our evergreens are propagated under most careful supervision. Trees, shrubs, roses and perennials are grown in profusion. (All of these are listed on the following pages for your guidance when selecting plants to beautify your gardens). Plants that do not grow well in this section are discarded and other varieties introduced. This practical selection is continually going on, so that our customers are benefiting from the research and study this work requires.

At GARDEN VIEW may be found a number of rare plants, grown nowhere else in this vicinity. You are invited to visit us—to inspect and study these specimens. Drive out Reading Road, Ohio State Route 42, about five miles from the heart of Cincinnati's business district.

Formal garden of Wm. C. Schott, Cincinnati, with wall fountain in the background. This picture was taken only six months after planting.

Natorp Planning Service

IT is just as essential to have a good landscape plan of your garden and grounds as it is to provide a plan for the home itself. There are so many opportunities to save money and to avoid mistakes of a permanent character in the layout of even the most modest garden, that no one who contemplates building or the making of changes in present home and grounds can afford to spend a dollar without first securing a competent landscape architect's plan.

This plan should be made even in advance of the building plans, or you should have your landscape architect confer with the building architect so as to place your home on the most appropriate site of the grounds.

We have saved our clients thousands of dollars, on the single items of driveways and walks, through our ability to determine the best locations. We have shown them how to avoid the disfiguring of beautiful lawns with improperly placed driveways,

Home grounds of Mr. and Mrs. Gus Haeffner, Cincinnati. Our organization planned and executed all planting, walls and grading.

Artificial lake and fountain on the estate of Wm. C. Schott, Cincinnati. Our service included the transplanting of many large trees to this place.

walks and other garden features; how to place service entries where they are least noticeable; what to plant and where to plant it. Our service even includes advice as to the suburbs and sections of the city where plant growth will be most rapid and vigorous due to freedom from dirt and soot-laden atmosphere.

Without charge or obligation we will have our expert visit your grounds. He can then give you an estimate of the small charge for preparing your plan. This plan will include a list of the proper plants re-

quired to produce the effects you desire. It will be so complete and useful that you can either do the work yourself or have it done by any one you choose. This plan is so prepared that you may complete the planting at one time, or spread it over a period of years. It will show the proper location of the house, drives, walks, pools, benches, pergolas, terraces and of every plant. The value of such a plan must be apparent to everyone. Its low cost makes the hodge podge and inartistic garden inexcusable.

Modern and complete equipment enables us to render expert service upon a moment's notice. A fleet of motor trucks is maintained in order to give our clients this unusual attention.

A Few Interesting Creations of

The walk through the garden of Mrs. J. M. Hutton, Cincinnati, is interesting and charming, due to skillful planting.

The garden of Mrs. B. W. Lamson. The stone steps, pool, fountain and all plantings are the work of Natorp landscape architects.

Like guarding sentinels, these tall evergreens form an interesting background for the pool and fountain in the garden of Mr. and Mrs. Frank Adams, Clifton, Cincinnati.

The "out-door living room" of Mr. and Mrs. Anson C. Fry, Hyde Park, Cincinnati, surrounded by a magnificent growth of evergreens, trees and shrubs.

A planting that blends harmoniously with the Norman type home of Mr. and Mrs. Howard Stuhlberg, Cincinnati.

Overlooking the Ohio. A vantage point on the estate of Mr. A. W. Wadsworth, Ft. Thomas, Ky.

Natorp Landscape Architects

One may easily find repose in this quiet retreat in the garden of Mr. and Mrs. George F. Schott, Cincinnati.

Specimen evergreens together with carefully selected and planted shrubbery are here used effectively to soften the lines of the beautiful home of Mr. Arthur Cohn, Cincinnati.

This charming corner in the garden of Mrs. R. E. Stearns, Wyoming, Ohio, is a treat to the eye.

Stone steps and rockery in the garden of Mrs. Albert Krippepndorf, a combination of the beauties of nature and the skill of man.

Natorp Landscape Service includes the design and construction of formal gateways such as this one.

The formal gardens, wall fountain and pool and other features on the estate of Wm. C. Schott, Cincinnati, are planned so as to present a harmonious whole.

Industries and Institutions Find Landscaping a Profitable Investment

The Gruen Watch Company, Time Hill, Cincinnati.

BEAUTIFICATION of industrial plants and public institutions is a work that has been receiving constantly increasing favor in recent years. The planning, planting and maintaining of such grounds requires an experienced organization as well as a wide variety of nursery stock and a large investment in modern tools and equipment.

The Wm. A. Natorp Company is qualified in all of these particulars to give every such landscape project the most skillful handling obtainable. Our list of clients includes many large and prominent industries, hospitals, schools, apartments, etc.

A section of the grounds of the Good Samaritan Hospital, Cincinnati, shortly after planting.

Moving Big Trees

A HOME may be built ever so attractively, yet if there are no big trees on the premises, to frame the house and provide shade, the picture is incomplete.

Up until a short time ago there was but one way to obtain this desired result—to plant small young trees and then wait years for them to develop and mature. Unfortunate, indeed, was he whose property was devoid of big trees.

Now, no longer is it necessary to await the development of young saplings. Science and inventive genius have come to man's

aid, making it possible to move and transplant large trees, 50 to 75 feet high and that would require 30 to 40 years to grow. Such trees can now be moved to any location to produce the desired landscape effect,

thus eliminating the guess work and uncertainty which so often attends the planting of young stock.

Natorp Landscape Service includes moving big trees. Our trained men and the use of new special equipment and modern methods enable us to do this work in a most satisfactory manner.

Moving of large 22-foot pine tree in midwinter.

(Above). A Natorp crew and special equipment moving a big tree to the garden of Mr. and Mrs. G. Haeffner, Clifton, Cincinnati, and (Right), the tree in full leaf the Summer following transplanting.

Shade to Order

OUR trained men can produce landscape effects, almost over night, that formerly required years to obtain. By the use of scientific methods we can plant and transplant at almost any season of the year. With our specially designed equipment we can move large, healthy trees and give you shade to order.

Transporting tree on runners.

Moving tree to the grounds of Dr. George Werk, Edwards Rd., Cincinnati.

The best time for large tree moving is in late Fall and Winter or before the sap begins to rise.

The cost of moving large trees is very reasonable when compared with the surprising and satisfactory results obtained.

Every big tree is moved by us with this understanding: That it will live; or we will replace it within two years at no additional expense.

How barren the landscape devoid of big trees! Note the difference between the picture above, showing one of our jobs of big tree moving, and that on the right taken during the first Summer after transplanting.

Tree in place on Dr. Werk's property.

Parks and Subdivisions

THE proper planning and laying out of parks, playgrounds, large estates and subdivisions requires an experienced organization—one whose men are trained to handle jobs of this nature.

Natorp Service embraces all branches of this specialized work. Our plans are most complete and show the exact locations of buildings, driveways and walks as well as all plantings.

Many fine examples of these larger developments have been conceived and executed by us. Details and complete information will be supplied upon request.

Subdivision owners find Natorp plans of great assistance in advertising and selling their properties.

PROPOSED LANDSCAPE DEVELOPMENT
FOR
THE E. J. WOHLGEMUTH SUB-DIVISION
CINCINNATI - OHIO
THE W. A. NATORP & Co.
Landscape Architects
Scale 1" = 20'-0"
July 21st 1925

NOTE in these few examples of our service how Natorp architects have planned these subdivisions so as to make the best possible building sites. The proper location and relation of streets and driveways calls for the exercise of rare good judgment and practical experience. The homes have been placed so as to give a park-like effect and to afford the most artistic arrangement.

SKETCH OF PROPOSED SUBDIVISION
PREPARED FOR
MR. D. H. WILLEY
CINCINNATI, OHIO JULY 18th 1924

Driveway to the E. W. Edwards estate, Cincinnati, flanked by interesting rock gardens Natorp built and planted.

Rock Gardens

IN the past few years Rock Gardens have won considerable favor among the gardening public. This popularity is due to the fact that they give an unusual combination—the rocks appearing to be a natural part of the site, the plants seeming perfectly at home in apparently adverse conditions.

To insure a successful and pleasing rock garden care and thought must be given to the selection of the site; and a thorough knowledge of the plants adapted for this purpose is essential.

Natural locations—such as the edge of a wood, a natural group of closely planted trees, the margin or bank of a pond or

stream, a natural outcropping of rock, a creek or a glen—are, of course, best suited for rock gardens. However, where no such natural location exists, one can be created. It is in work of this nature where the skill and experience of the landscape architect manifests itself.

In addition to its charm and beauty, a rock garden may be used to serve a utilitarian purpose. Steep banks can be held firmly in position and washing prevented.

Creating rock gardens is one of our specialties, and many notable examples of our work in this phase of landscape architecture may be seen in Cincinnati and vicinity.

Plants Suitable for Rock Gardens

PERENNIALS—See Plant Listings, pages 38 to 44.

Arabis alpina
Arenaria montana
Aster alpinus
Campanula carpatica
Cerastium tomentosum
Dianthus deltoides

Ferns
Geum chiloense
Grasses
Heuchera
Iberis
Iris

Linum perenne
Miyosotis, Barr's
Papaver nudicaule
Phlox in variety
Plumbago larpentae
Primula in variety

Sedum in variety
Sempervivum
Statice latifolia
Tunica saxifraga
Veronica rupestris
Viola, Jersey Gem

EVERGREENS—See Plant Listings, pages 15 to 19.

Azalea in variety
Blota aurea nana
Cotoneaster horizontalis
Euonymus in variety
Pinus montana mughus

Taxus baccata repandens
Taxus cuspidata
Juniperus communis depressa
plumosa
Juniperus horizontalis

Juniperus horizontalis Douglasi
Juniperus japonica
Juniperus japonica aurea
Juniperus Pfitzeriana

Coniferous Evergreens ~

The Aristocrats of the Garden

CONIFEROUS (Cone bearing) evergreens, form an essential part in any treatment of the home and its grounds. They look effective 365 days of the year, retaining their foliage throughout the Winter. They are useful and attractive in foundation plantings, in groups or masses, as specimen plants, and to accentuate points in formal gardens. Our evergreen collection is one of the largest and complete in the Middle West. Frequent transplanting in our nurseries, especially in our heavy clay, develops a good root system. All evergreens are sheared and staked from small plants up and developed into well-shaped specimen plants. The best time to plant evergreens is in Spring, from March to May, and in Fall, from August to October. However, when carefully handled, Natorp Evergreens can be planted any time during the year.

Abies - The Firs

Abies concolor (White Fir). (70 to 80 ft.). Cheeriest of all evergreens in Winter. It has no insect enemies and is the best Fir to stand heat and drought. Grows symmetrically. Foliage bluish above and silvery beneath. Very good specimen plant.

2 to 2½ feet \$ 7.50 each
Large specimens \$25.00 to 40.00 each

A. Douglasi (Douglas Fir). A very hardy and rapid grower suited for almost any purpose. Reaches from 60 to 70 feet in height. Needles are soft and dark green.

2 to 3 feet \$4.00 each
3 to 4 feet 6.00 each

A. Nordmanniana (Nordmann Fir). Tall, broad and compact. Dark, glossy green foliage. Good specimen tree.

3 to 4 feet \$6.00 each

BIOTA—See Thuya Orientalis

Juniperus - The Cedars

Juniperus chinensis (Chinese Juniper). Bushy, pyramidal habit, growing from 15 to 20 feet high. Grayish green foliage. Very adaptable to any climate.

3 to 4 feet \$ 6.00 each
4 to 5 feet 7.50 each
5 to 6 feet \$10.00 to 12.00 each
6 to 7 feet 12.00 to 15.00 each

*Abies Concolor—
The White Fir.*

Pfitzer Junipers in the Foreground and Pyramidal Arbor-Vitae in a Roadside Planting.

Picea Excelsa—Norway Spruce.**JUNIPERUS—Continued.**

J. chinensis Pfitzeriana (Pfitzer Juniper). (5-6 ft.). Free from plant pests. Sweeping gray-green branchlets give this broad, bushy type value for mixed plantings. One of our best evergreens; good for foundation plantings.

1½ to 2 feet	\$ 3.50 each
2 to 3 feet	\$ 5.00 to \$ 7.00 each
3 to 4 feet	7.50 to 10.00 each
4 to 5 feet	10.00 to 12.50 each
Large specimens	25.00 to 75.00 each

J. communis canadensis (Canadian Juniper). (3-4 ft.). Very sharp needles. Low, vase-shaped bush. Foliage dark green above, bluish underneath.

2½ to 3 feet	\$6.00 each
--------------	-------------

J. communis depressa plumosa (Purple Spreading Juniper). New, exceedingly hardy. Invaluable in Fall and Winter when foliage is tinged with rich purple.

18 to 24 inches	5.00 each
2 to 2½ feet	7.50 each

J. japonica (Japanese Juniper). (3-4 ft.). Low spreading, rapid growth. Long branches, clings tight to the ground. Thrives even under adverse conditions, foliage dark green, adapted to border or rock garden.

2 feet	\$5.00 each
2 to 2½ feet	7.50 each

J. japonica aurea (Golden Japanese Juniper). Same as above, but with needles of golden green in Spring.

2 feet, rare	\$7.50 to \$10.00 each
--------------	------------------------

J. excelsa stricta (Spiny Greek Juniper). Forms a tall, dense, narrow, conical head. Foliage grey-green, excellent in the formal garden or situations where small trees are required.

2 to 3 feet	\$ 4.00 each
3 to 4 feet	\$7.50 to 10.00 each

J. horizontalis (Sabina prostrata; Creeping Savin). Branches trailing along ground. Good for rock work and ground covering. Foliage dark green.

1 to 1½ feet	\$2.00 each
1½ to 2 feet	\$3.00 to 5.00 each

JUNIPERUS—Continued.

J. horizontalis Douglasi (Hill's Waukegan Juniper). Growth low and compact, making a dense mat over the surface of the ground, not over 6 to 8 inches in height. Foliage soft blue in Spring, changing to rich purple in late Fall.

1 to 1½ feet	\$2.00 each
1½ to 2 feet	\$3.00 to 5.00 each

J. scopulorum (Colorado Juniper). Pyramidal, formal growing, beautiful blue foliage. One of the most striking of the late introductions. Large plants, rare.

2 to 3 feet	\$ 4.00 each
3 to 4 feet	5.00 each
4 to 5 feet	7.50 each
5 to 6 feet	10.00 each
Specimens, 6 feet up	\$15.00 to 25.00 each

J. virginiana (Red Cedar). (25-30 ft.). Compact, columnar form, deep green foliage, purplish in Winter. Very useful in formal work or mixed plantings.

3 to 4 feet	\$ 4.00 each
4 to 5 feet	5.00 each
5 to 6 feet	7.50 each
6 to 7 feet	10.00 each
7 to 8 feet	\$12.50 to 15.00 each

J. virginiana Cannarti (Cannart Red Cedar). (15-20 ft.). Pyramidal, compact grower of medium size. Rich green, heavy tufted foliage. Choice and rare variety, very good for foundation groups.

4 to 4½ feet	\$ 6.00 each
4½ to 5 feet	7.50 each
5 to 6 feet	\$10.00 to 15.00 each
6 to 7 feet	15.00 to 20.00 each
7 to 8 feet	20.00 to 25.00 each
Large specimens	25.00 to 100.00 each

J. virginiana glauca (Silver Red Cedar). Foliage bluish green, grows from 15 to 20 feet in height. Plants can be sheared and used for formal planting. One of our best evergreens.

2 to 3 feet	\$ 5.00 each
4½ to 5 feet	7.50 each
5 to 6 feet	\$10.00 to 15.00 each
6 to 7 feet	15.00 to 20.00 each
7 to 8 feet	20.00 to 25.00 each
Specimens	35.00 to 100.00 each

Pinus Sylvestris.

Picea - Spruces

Picea canadensis (White Spruce). (50-60 ft.). Compact and upright grower. Especially suitable for tall backgrounds, shelter and windbreaks, also a shapely specimen tree. Light green foliage.

2½ to 3 feet	\$ 3.00 each
3 to 3½ feet	4.00 each
6 to 7 feet	\$10.00 to 15.00

P. pungens glauca (Colorado Blue Spruce). (60-80 ft.). A triumph in evergreen growing. The glory is in its foliage of intense steel blue. Perfect symmetrical tree. Very desirable specimen.

1 to 1½ feet	\$ 4.00 each
1½ to 2 feet	6.00 each
2 to 2½ feet	7.50 each
2½ to 3 feet	10.00 each
Specimens	\$35.00 to 100.00 each

Pinus Montana Mughus—Mugho Pine.

P. excelsa (Norway Spruce). (70-100 ft.). Very rapid growth and thrifty, heavy masses of deep green foliage. Best Spruce for screens and hedges. These plants are extensively used for Xmas trees.

18 to 24 inches	\$1.75 each
2 to 2½ feet	2.00 each
2½ to 3 feet	3.00 each
3 to 4 feet	4.00 each
4 to 5 feet	5.00 each
5 to 6 feet	7.50 each

P. pungens glauca Kosteri (Koster Blue Spruce). Like variety *Glauca*, but more distinct in rich color of silvery green.

2 to 3 feet	\$ 15.00 each
Specimens	\$35.00 to 100.00 each

P. orientalis (Oriental Spruce). Pyramidal, dark green foliage. Very similar to Norway Spruce, except needles are much shorter. Valuable for grouping or specimens.

2 to 3 feet (rare)	\$12.00 to \$15.00 each
--------------------	-------------------------

Pinus Nigra—Austrian Pine.

Pinus - The Pines

Pinus montana mughus (Mugho Pine). Dwarf plant, growing slowly. It is neat and compact in habit and very hardy. Foliage is dark green. New growth in Spring seems like miniature candles and completely covers the bush.

8 to 10 inches	\$ 2.00 each
12 to 15 inches	3.00 each
15 to 18 inches	4.00 each
18 to 24 inches	5.00 each
2 to 2½ feet	7.50 each
3 feet	10.00 each

P. nigra (Austrian Pine). (60-70 ft.). A very hardy tree. It is a compact, symmetrical and sturdy tree. Smoke and dirt of cities have no effect on this tree. Foliage dark green.

1½ to 2 feet	\$ 2.50 each
2 to 3 feet	4.00 each
3 to 4 feet	\$ 5.00 to 7.50 each
4 to 5 feet	10.00 to 15.00 each
Heavy specimens	20.00 to 40.00 each

P. ponderosa (Western Yellow Pine). Heavy, massive needles from 6 to 10 inches long, of deep green color above and bluish white underneath. Grows tall and upright, well rounded and pyramidal shape.

3 to 4 feet	\$5.00 each
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P. resinosa (Red or Norway Pine). Have long, dark green needles, almost resemble Austrian Pine, only more graceful.

2 to 3 feet	\$3.50 each
3 to 4 feet	\$5.00 to 7.00 each

PINUS—Continued.

P. strobus (White Pine). (80-100 ft.). Tall and straight tree. Foliage soft, light silvery green. Grows rapidly. A wonderful tree for tall background, shelter from winds and tall screen.

2 to 3 feet	\$ 4.00 each
3 to 4 feet	5.00 each
4 to 5 feet	\$ 6.00 to 7.50 each
5 to 6 feet	7.50 to 10.00 each
Specimens	15.00 to 35.00 each

P. sylvestris. (25-30 ft.). Tall tree, seldom growing straight. Branches shoot out rather oblique. The needles are short. Foliage is dark green. Always inclines more to the picturesque than to the beautiful.

2 to 3 feet	\$ 4.00 each
3 to 4 feet	5.00 each
4 to 5 feet	\$ 6.00 to 7.50 each
5 to 6 feet	10.00 to 12.50 each
6 to 7 feet	12.50 to 15.00 each
Specimens	15.00 to 40.00 each

P. tangosho (Table Pine). Flat top Pine resembling table, very rare.

3 feet	\$12.50 each
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Retinispora - Cypress

Retinispora pisifera (Sawara Cypress). (25-30 ft.). Tall, pyramidal shape, broad, flat foliage of deep, glossy green. Quick growing, graceful tree. A beautiful formal specimen when clipped.

18 to 24 inches	\$ 2.50 each
2 to 3 feet	4.00 each
4 to 5 feet	6.00 each
Specimens	\$10.00 to 12.00 each

R. pisifera aurea (Golden Sawara Cypress). Like *Retinispora pisifera* in form and habit. Has golden yellow foliage.

18 to 24 inches	\$ 3.00 each
2 to 3 feet	3.50 each
3 to 4 feet	5.00 each
4 to 5 feet	6.00 each
5 to 6 feet	10.00 each
6 to 7 feet, specimens	\$12.50 to 15.00 each

R. filifera (Thread Branched Cypress). (15-20 ft.). Medium height, foliage deep green, long, stringy, drooping branches. Valuable in formal work.

18 to 24 inches	\$ 5.00 each
Specimens	\$7.50 to 15.00 each

R. pisifera plumosa (Plume Cypress). (25-35 ft.). Stands shearing well. Useful for hedges and formal work. A tall, pyramidal tree. Dense cones of fine texture, light green color.

15 to 18 inches	\$ 1.50 each
18 to 24 inches	2.50 each
2 to 3 feet	3.50 each
3 to 4 feet	5.00 each
4 to 5 feet	6.00 each
5 to 6 feet, specimens	\$10.00 to 15.00 each

R. pisifera plumosa aurea (Golden Plume Cypress). (20-25 ft.). One of the hardiest. The rich golden growth of Spring holds well through the Summer. One of the best for specimens or hedges.

2 to 3 feet	\$4.00 each
3 to 4 feet	6.00 each

Thuja Orientalis Pyramidalis—Pyramidal Arbor-Vitae.

R. squarrosa Veitchi (Veitch's Moss Cypress). (25-30 ft.). Foliage blue-gray, feathery and dense. Broad pyramidal outline when young, soft appearance. 2 to 3 ft., \$4.50; 3 to 4 ft., \$6.00.

Thuja - Arbor-Vitae

Thuja elegantissima aurea. This less known variety is one of the best of our Arbor-Vitae. Good green foliage tinged with yellow tips is outstanding.

4 feet	\$7.50 each
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T. occidentalis (American Arbor-Vitae). (15-30 ft.). Very hardy and dependable in almost any situation. A moist location is preferred. Stands trimming well, and is used widely for hedge purposes. Grows into slender pyramidal shape. Foliage very soft and flexible and of fine deep green color.

2 to 3 feet	\$ 3.00 each
3 to 4 feet	4.50 each
4 to 5 feet	6.00 each
Specimens	\$10.00 to 15.00 each

T. occidentalis Ellwangeriana (Tom Thumb Arbor-Vitae). (4-6 ft.). Low, broad, compact variety with dense foliage. Rich purple Winter coloring.

12 to 15 inches	\$1.50 each
2 to 3 feet	3.00 each
3 to 4 feet	5.00 each

T. occidentalis pyramidalis (Pyramidal Arbor-Vitae). (15-20 ft.). Dense, compact growth, narrow and pyramidal form, a deep rich green color at all seasons. Often reaches a height of 15 to 20 feet and not measuring more than 2 feet at the base. Fine for formal work.

1½ to 2 feet	\$ 2.00 each
2 to 3 feet	3.00 each
3 to 4 feet	4.00 each
4 to 5 feet	6.00 each
5 to 6 feet	\$ 8.00 to 10.00 each
6 to 7 feet	10.00 to 12.50 each
7 to 8 feet	15.00 each

Retinispora.

Tsuga Canadensis—Canadian Hemlock.**THUYA—Continued.**

T. occidentalis globosa (Globe Arbor-Vitae). (2½-3 ft.). Naturally compact globe-shaped, needing no trimming. Dwarf, gray-green foliage. For accents in formal work.

10 to 12 inches	\$1.50 each
12 to 15 inches	2.00 each
15 to 18 inches	2.50 each
18 to 24 inches	4.00 each
24 to 30 inches	6.00 each

T. occidentalis spiralis (Spiral Arbor-Vitae). Dark green foliage, distinct, compact, spiral habit.

1½ to 2 feet	\$ 2.50 each
4 to 5 feet	8.00 each
5 to 6 feet	10.00 each

T. orientalis (Biota). (Oriental Arbor-Vitae). (20-25 ft.). Tall and slender, like Italian Cypress. Rich, bright green foliage. Good accent plant.

18 to 24 inches	\$ 2.00 each
2 to 3 feet	3.00 each
3 to 4 feet	4.00 each
4 to 5 feet	5.00 each
5 to 6 feet	7.50 each
6 to 7 feet	10.00 each
7 to 8 feet	15.00 each
8 to 9 feet	20.00 each

T. orientalis conspicua (Goldspire Arbor-Vitae). Interesting novelty. Conspicuous golden color in Summer. Peculiarly shaded in Winter. Pyramidal shape.

2½ to 3 feet	\$ 5.00 each
3 to 4 feet	7.50 each
4 to 5 feet	10.00 each

T. orientalis aurea nana (Breckman's Golden Arbor-Vitae). (2½-3 ft.). Conical; foliage warm golden. A gem for garden and foundation planting where dwarf plant is required. Very slow growing and formal in habit. This plant is often used for vases.

12 to 15 inches	\$2.50 each
15 to 18 inches	3.50 each
18 to 24 inches	5.00 each
24 to 30 inches	7.50 each
30 to 36 inches	10.00 each

T. orientalis compacta (Siebold Arbor-Vitae). Dwarf, columnar shape; fresh green foliage.

2 to 3 feet	\$ 5.00 each
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Tsuga - Hemlock

Tsuga canadensis (Canadian Hemlock). (75-90 ft.). One of our best conifers. The long, slender branches drooping gracefully to the ground present a beautiful picture. Foliage is rich dark green. The Hemlock prefers a rather moist and partially shaded location. This plant will remain small for many years if sheared; so it can be highly recommended for foundation groups and small yards.

18 to 24 inches	\$ 3.50 each
2 to 3 feet	5.00 each
3 to 4 feet	7.50 each
4 to 5 feet	10.00 each
Specimens	\$15.00 to 25.00 each

Taxus - Yew

Taxus baccata aurea (Golden English Yew). A dense close-branched evergreen with exceptionally rich golden tinged foliage. Berries bright red, splendid in protected positions.

Specimens, 3 to 4 feet	\$15.00 to \$20.00 each
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T. baccata erecta (Upright English Yew). (5-10 ft.). Bushy form, with slender, upright branches and branchlets; leaves smaller and narrower than *Taxus baccata*.

Specimens, 3 feet	\$10.00 each
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T. baccata repandens (Spreading English Yew). The Yews are exceedingly rich in foliage and useful in all evergreen plantings. This dwarf type is of the most pleasing character and masses well with other evergreens. Low and spreading; luxuriant dark green foliage. Just right for fronting the evergreen border.

2 to 2½ feet	\$6.00 each
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T. cuspidata (Japanese Yew). (40-50 ft.). Most valuable plant that Japan has furnished our northern states. In growth it is close, upright and compact, with dark green foliage and brilliant scarlet fruit. Used in plantings near house and garden for its note of richness.

15 to 18 inches	\$ 4.00 each
2 to 2½ feet	7.50 each
Specimens	\$15.00 to 25.00 each

T. cuspidata nana brevifolia (Dwarf Japanese Yew). (3-4 ft.). Similar to *taxus cuspidata*, but is dwarfish and compact in habit of growth. Irregular and picturesque in outline. Absolutely hardy and probably will become one of the most popular Yews.

12 to 15 inches	\$3.50 each
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Taxus Baccata Repandens.

Broad Leaved Evergreens

UNDER broad-leaved evergreens are classed all shrubs retaining their foliage during the Winter months. For city planting, in many instances, they have given better results than the coniferous evergreens. Many varieties of evergreens lend beauty, both with bloom and luxuriant evergreen foliage. Most prefer shade.

These evergreens may be used effectively in a number of locations: As a background, in masses along foundations, intermingled with blooming shrubs and conifers. Only a few of these plants are ever affected by insects or diseases. Those marked (*) thrive best in an acid soil in shady locations. Good to plant them in leaf-mold or peat, and once a year apply a small amount of Aluminum Sulphate. One pound is sufficient to treat five square feet.

Abelia

Abelia grandiflora (Glossy Abelia). (3-4 ft.). The Abelia combines a flowering shrub and evergreen foliage. Blooms continuously from June until frost with small, white, trumpet-shaped flowers faintly tinged with pink. The leaves are small, glossy green, turning to a purplish bronze with metallic sheen in Winter. Balled and burlapped.

	Each	10
2 to 3 feet	\$1.50	\$13.50
3 to 4 feet	2.50	22.25

Azalea

**Azalea calendulacea* (Flame Azalea). (4-10 ft.). A very showy Azalea. Flowers are orange-yellow to orange-red or flame-red. This is one of the most gay and brilliant flowering shrubs known. It is the most regal of all the species, and a noble representative of the rich Carolina Mountain flowers.

	Each	10
2 to 3 feet	\$3.00	\$25.00

**A. amoena* (Japanese Azalea). Spreading, bushy shrub. Very effective in masses with evergreens. Flowers early and very abundantly. It has a vivid scarlet colored blossom.

	Each	10
12 to 15 inches	\$3.00	\$25.00

Abelia Grandiflora—One of the Best of the Flowering Evergreens.

**A. hinodegiri* (Red Japanese Azalea). A profusion of bright carmine-pink blossoms in Spring. In the Winter bronze-green foliage. A form of the charming *A. amoena* but far surpassing it in brilliancy and beauty.

	Each	10
12 to 15 inches	\$3.00	\$27.00

**A. Hinamayo* (Pink Azalea). A new introduction of great merit. Much resembles *Hinodegiri* with little larger foliage. Flowers a wonderfully clear soft shade of pink.

	Each	10
12 to 15 inches	\$3.50	\$31.50

**A. macrantha* (Red Azalea). Large, salmon-red. Resembles *Hinodegiri*, very late, a quick grower. It is the hardiest of all Azaleas.

	Each	10
12 to 15 inches	\$3.00	\$27.00

**A. Yaye-giri* (Red Azalea). Beautiful salmon-red, semi-double flowers produced in abundance. Foliage distinct, being narrow and of warm, intense green. One of the most beautiful and showy of the Azaleas.

	Each	10
12 to 15 inches	\$3.50	\$31.50

Buxus - Boxwood

Buxus sempervirens. Boxwoods, pyramidal and standard, are so popular as to need no description. The glossy, aromatic foliage is always fresh and green. Widely used for edging, formal gardens, tub specimens, etc. Needs no special attention.

	Each	10
Pyramidal, 2 feet	\$5.00	\$45.00
Standard	\$6.00	each

Cotoneaster

Cotoneaster Francheti (Franchet Cotoneaster). (5-6 ft.). A distinct variety with boxlike leaves, widely dispersed on the branches. Loose, semi-erect growth; red berries; pretty, graceful habit.

2 to 3 feet	\$1.50	each
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C. horizontalis (Davidiana), (Rock Cotoneaster). Curious dwarf shrubs of trailing habit. Fine for rockeries. It is covered with brilliant red berries in Autumn and Winter. Foliage turns to soft tints of red and bronze before falling.

	Each	10
4-inch pots	\$0.75	\$6.75

Ilex Opaca—The American Holly.

Kalmia—Mountain Laurel.

Euonymus - Burning Bush

Euonymus japonica (Evergreen Burning Bush). A very useful and decorative dark green shrub, with thick, shining leaves. Upright, bushy growth. Very decorative in pots or tubs.

2 to 3 feet\$1.50 each

E. patens (Sieboldianus). (Spreading Euonymus). A very attractive Japanese variety with handsome dark green foliage. Vigorous grower with broad, loose foliage. Balled and burlapped.

Each 10 100
18 to 24 inches\$1.50 \$13.50 \$100.00
2 to 3 feet3.00 27.00

Ilex - Holly

Ilex crenata microphylla (Japanese Holly). Slow growing. Has small, oval, smooth, green leaves about half inch long, forming a dense, compact bush, which can be clipped into shapes like boxwoods.

18 to 24 inches\$ 6.00 each

2 to 2½ feet10.00 each

I. opaca (American Holly). A slow growing tree, having short, spreading branches with large, shining, thorny leaves; bright red berries in Winter. Perfectly hardy.

5 to 6 feet\$7.50 to \$10.00 each

Kalmia - Laurel

***Kalmia latifolia** (Mountain Laurel). Broad, glossy green foliage. In June has rose-colored flowers in large and showy clusters at the ends of the shoots. Of elegant shape.

2 to 3 feet\$3.00 each

Kolkwitzia

Kolkwitzia amabilis (Beauty Bush). Exceedingly handsome ornamental shrub. Erect and twiggy, producing in Spring long, arching branches covered with small, pink, honeysuckle type flowers in great profusion. Has all the merits of a perfect shrub. (New).

2 year\$1.50 each

Laurocerasus

Laurocerasus schlipkaensis (Shipka Cherry Laurel). Very ornamental; large, shining leaves; a very vigorous grower. It is the most hardy of the Cherry Laurels.

3 to 4 feet\$7.50 each

Leucothoe

***Leucothoe Catesbaei** (Drooping Leucothoe). A valuable shrub for planting under trees, and shady positions. Flowers are fine white, and borne in long, pendulous racemes, and have a characteristic fragrance. The shining, dark green foliage sometimes assumes brilliant bronze and claret shades in Fall.

2 to 3 feet\$2.00 each

Mahonia

Mahonia aquifolium (Oregon Holly Grape). Shining green leaves, assuming beautiful tints of red and bronze, which are retained throughout the Winter. Small, bright yellow flowers in May.

Each 10
1 to 2 feet\$2.00 \$18.00
2 to 2½ feet\$3.00 each

Nandina

Nandina domestica. Foliage of pleasing soft texture and of good Autumn coloring. Has red berries in large trusses.

2 feet\$2.50 each

Pachysandra

Pachysandra terminalis (Japanese Spurge). A prostrate evergreen with dense, glossy foliage extremely useful as a ground cover under shade, making a low, thick mat of green. Will grow in sun or shade. Small white flowers in June. Good in front of evergreens.

20c each; \$1.75 per 10; \$15.00 per 100

Pyracantha

Pyracantha coccinea Lalandi (Evergreen Thorn). (9-12 ft.). A picturesque shrub or small tree with small, boxlike evergreen foliage. White flowers in Spring followed by orange-scarlet berries in Summer.

Each 10
6-inch pots\$0.75 \$6.75
Large plants, 3 to 4 feet7.50

Rhododendrons

Rhododendrons, with their rich green foliage and magnificent flowers, are the handsomest of all the broad-leaved evergreens. They add distinctiveness to any planting. Many people think they are hard to grow, but this is not the case if proper soil and care are provided. They do best in a light, moist, well drained soil, mixed with a quantity of peat. They should also be planted on the north side of buildings to protect them from the sun.

Rhododendron carolinianum (Carolina Rhododendron). Clear rose-pink flowers. Leaves rather small.

3 to 4 feet\$7.50 each

R. catawbiense (Catawba Rhododendron). Various shades of delicate pink. Decorative foliage.

3 to 4 feet\$7.50 each

R. maximum (Rosebay Rhododendron). Pure white to delicate shades of pink.

3 to 4 feet\$7.50 each

Rhododendrons are unexcelled for beauty of flower and foliage.

Ornamental and Shade Trees

Acer Platanoides—Norway Maple.

- A. saccharum** (Sugar Maple). (50-75 ft.). A vigorous grower, more or less in a pyramidal form. The coloring is magnificent during the Fall months. Extensively used as a street and shade tree.
- 8 to 10 feet\$3.25 each
Larger specimens,
\$7.50 to \$15.00 each
- A. Wieri** (Wier Cutleaf Maple). (60-80 ft.). A graceful drooping form of *A. saccharum*. Very desirable.
- 8 to 10 ft.\$3.25 each

Aesculus - Horse Chestnut

- Aesculus hippocastanum** (Horse-chestnut). (60-75 ft.). Forms a broad, rounded pyramid, flowers white. A valuable lawn tree.
- 8 to 10 feet\$4.50 each

Schwedler Maple.

Betulas - Birches

- Betula alba laciniata** (Cutleaf Weeping Birch). (30-40 ft.). Probably the most graceful of weeping trees with its pendulous branches and deeply cut foliage. Bark white when several years old. A superb lawn tree highly recommended.
- Each 10
7 to 8 feet\$3.50 \$25.00
- B. lutea** (Yellow Birch). (50-70 ft.). Makes a fine windbreak. Beautiful foliage.
- 7 to 8 feet\$4.00 each
- B. alba** (European White Birch). (30-50 ft.). Rapid grower; bark silvery white; very effective among evergreens; graceful.
- 5 to 6 feet\$1.50 each
7 to 8 feet 3.00 each

Carpinus

- Carpinus betulus** (European Hornbeam). (30-45 ft.). Golden foliage in Autumn. Very hard wood. Excellent for specimen trees. Rare. Balled and burlapped.
- 10 to 12 feet\$25.00 each

Catalpa

- Catalpa speciosa** (Western Catalpa). (30-35 ft.). An effective lawn tree with very fragrant blossoms of purple and white produced in pyramidal clusters a foot long, in June.
- 8 to 10 feet\$2.00 each
- C. Bungei** (Umbrella Tree). 2-year heads \$2.50 each
10 trees, each, \$2.25

TREES occupy by far the greatest place in our landscape. Everybody knows the value of shade trees, and they may be regarded as a permanent investment. We could not do without them. Select them with care. For permanency choose the hardwood types, although they grow a little slower. The faster growing soft wood varieties also are very desirable and useful and should be used more liberally, especially interspersing them among hardwood varieties.

Acer - Maples

Acer dasycarpum (Silver or Soft Maple). (60-80 ft.). A very fast grower with wide spreading branches. Foliage is a bright green above and silvery white beneath. Very adaptable. Branches should be cut back heavily the third year to prevent splitting or breaking.

	Each	10	100
8 to 10 feet	\$2.00	\$15.00	\$125.00
12 to 14 feet			\$4.25 each

- A. platanoides** (Norway Maple). (50-75 ft.). A round-headed hard Maple of comparatively rapid growth. Excellent street and lawn tree, and where formal effect is desired. Leaves remain on tree three weeks longer than other Maples. Foliage a dark, shining green.
- Each 10
8 to 9 feet\$2.00 \$17.50
9 to 10 feet\$4.00 each
Larger specimens,
\$6.00 to \$25.00 each
- A. Schwedleri** (Schwedler Purple Leaf Maple). (40-60 ft.). A valuable variety; young shoots and leaves of a bright purple; in the older leaves changing to purplish green. One of the most useful and handsome of the purple-leaved Maples.
- Each 10
7 to 8 feet\$2.00 \$17.50
Larger specimens,
\$7.50 to \$25.00 each

Cutleaf Weeping Birch.

Cercidiphyllum

Cercidiphyllum japonicum (Katsura Tree). (60-80 ft.). Develops into a magnificent tree. Beautiful Spring and Autumn coloring. (Rare).
5 to 6 feet\$5.00 each

Fraxinus - Ash

Fraxinus americana (White Ash). (70-80 ft.). A splendid tall, fairly rapid growing tree. Pleasing golden tones in Autumn.
8 to 10 feet\$2.25 each

Ginkgo - Maidenhair

Ginkgo biloba (Maidenhair Tree). (50-75 ft.). A remarkable tree of spreading growth in age. Deep green leaves, similar to those of the maidenhair fern. Very hardy grower; picturesque in outline.
6 to 8 feet\$3.00 each

Larix - Larch

Larix leptolepis (Japanese Larch). (50-60 ft.). Fast growing. Horizontal branches. Pyramidal head; foliage light green; golden yellow in Fall. Desirable specimen tree. Balled and burlapped.
3 to 4 feet\$4.00 each
4 to 5 feet5.00 each

Liquidambar - Gum

Liquidambar styraciflua (Sweet Gum). (50-60 ft.). A fine tree of medium growth, having beautiful star-shaped, glossy green leaves turning to a deep purplish crimson in Autumn; straight growing branches with corky ridges. Balled and burlapped.
6 to 7 feet\$3.50 each

Platanus - Plane Tree

Platanus occidentalis (American Plane Tree). (80-100 ft.). A tall native tree with creamy white bark, shedding in patches. Grows quickly.

	Each	10
7 to 8 feet	\$2.00	\$17.50

P. orientalis (European Plane Tree). (70-80 ft.). An excellent tree for park and street use. Dense foliage of bright green. Bark peels in Autumn, leaving tree a creamy white throughout the Winter. Excellent shade tree.

	Each	10
7 to 8 feet	\$2.50	\$22.50

Lombardy Poplar.

Excellent for tall contrast. Breaks the monotony of a level sky line.

Populus - The Poplars

Populus nigra italica (Lombardy Poplar). (60-80 ft.). A remarkably rapid grower and of erect habit. Admirable for formal and general landscape effects. Very good for screens.

	Each	10	100
6 to 8 feet	\$0.75	\$6.50	\$50.00
8 to 10 feet	1.00	8.50	75.00
10 to 12 feet	1.50	12.50	100.00
12 to 15 feet	2.00	17.50	150.00

P. sinensis. Of similar growth as above, but leaves have different texture and are smaller.

	Each	10
6 to 8 feet	\$1.50	\$12.50
8 to 10 feet	2.00	17.50

Phellodendron

Phellodendron sachalinense (Cork Tree). (50-75 ft.). Picturesque growth, large leaves, corky bark. Resists heat and drought.

6 to 8 feet\$3.00 each

Quercus - Oak

Quercus alba (White Oak). (75-90 ft.). One of the noblest trees—slow growth. Balled and burlapped.

4 to 5 feet\$5.00 each

Quercus palustris (Pin Oak). (75-90 ft.). A superb and very distinct tree, with graceful, drooping branches. Pleasing bright green foliage changing to deep red in Autumn. Very valuable as a lawn tree and for avenues. Thrives in almost any soil. Will grow as fast as Hard Maple.

	Each	10
6 to 8 feet	\$2.00	\$17.50
8 to 10 feet	3.00	25.00
10 to 12 feet	5.00	45.00

Large specimens, \$7.50 to \$25.00 each..

Q. rubra (American Red Oak). (75-90 ft.). A splendid tree quickly developing a broad, round head. The shiny green leaves deepen into red in Autumn. A handsome tree for the lawn or avenue.

8 to 10 feet\$5.00 each

Quercus Palustris—Pin Oak.

Salix - Willow

Salix babylonica (Babylon Weeping Willow). (50-60 ft.). Bright green foliage, borne on very slender, pendent branches. An old favorite. Very appropriate for water-side planting.

	Each	10	
7 to 8 feet	\$2.00	\$17.50	
8 to 10 feet	3.00	27.50	

Salix blanda (Wisconsin Weeping Willow). (50-60 ft.) This variety of Weeping Willow is one of the fastest growing trees. We have trees in our nursery only eight years old over 50 feet high and measure 18 inches through the trunk. Many visitors remark about the beauty of these trees. They are first leafing out in Spring and hold their foliage until late in Fall.

	Each	10	100
1-year-old trees, 4 to 5 feet.	\$0.75	\$6.50	\$50.00
7 to 8 feet	1.50	15.00	
8 to 10 feet	2.50	22.50	

Taxodium - Cypress

Taxodium distichum (Bald Cypress). (100 ft.). Stately tree of pyramidal form; light green feathery foliage. Warm, brown, spongy bark. Yellow and orange Autumn color.

6 to 7 feet	\$7.50 each
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American Elm as a street tree.

Tilia - Linden

Tilia cordata (European Small Leaf Linden). (60-70 ft.). Leaves smaller and darker than those of the American Linden. Dense shade. Vigorous symmetrical grower. Foliage silvery beneath; blossoms very sweet scented. Very adaptable.

8 to 9 feet	\$6.50 each
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Ulmus - Elm

Ulmus americana (American Elm). (80-100 ft.). One of the finest street, shade trees; its graceful, spreading branches assuming an arching growth over driveways afford abundant shade.

	Each	10	100
8 to 10 feet	\$2.00	\$17.50	\$140.00
10 to 12 feet	3.50	31.50	
12 to 14 feet	5.00	45.00	

U. moline. A select strain having large, handsome foliage. Grows vigorously and quickly develops into dense, conical specimen. Has smooth, clean bark.

	Each	10
8 to 10 feet	\$3.00	\$27.50

U. Vase-Shaped. This is the typical spreading Elm which has been selected for its splendid characteristics. Large foliage, straight, clean stem, quick growth and uniform in shape.

	Each	10
8 to 10 feet	\$3.00	\$27.50

The Weeping Willow is fine as a specimen tree on the lawn.

The W. A. Natorp Co.,
Reading Road,
Cincinnati, Ohio.
December 12, 1928.
Attention: Martin Drescher.
Dear Sir:
I am herewith enclosing check for \$281.00 in full payment of landscape services according to our contract.
I am entirely pleased with both the shrubs and your landscaping of my home and assure you that I will readily recommend your company to any of my friends that are in need of landscape work.
I will appreciate your coming up to my home within a few weeks to look over your work again when the sodding is finished.
Very truly yours,
B. VINCENT PATER.

Flowering Trees

TO draw a distinct line between the division of trees, flowering trees and flowering shrubs would be a more or less difficult task. However we have endeavored to select a group of those plants (trees and large shrubs) which have exceptional value as ornamentals due to their flowering and foliage characteristics.

Japanese Maples

Acer palmatum sanguineum (Scarlet Japanese Maple). These dwarf Maples are extremely useful in landscape schemes, because of their wonderful color and fascinating habit. Grows best in partly shaded situations and well drained, rich soil. Leaves deeply lobed and of a scarlet-red color. Balled and burlapped.

15 to 18 inches	\$ 7.50 each
18 to 24 inches	10.00 each

Amygdalus

Amygdalus communis rosea (*Prunus communis rosea*). (Pink-Flowering Almond). (10-25 ft.). Showy flowers covering the bush; very attractive. **\$1.50 each**

Amygdalus persica (*Prunus persica*). (Flowering Peach). (8-10 ft.). Very decorative blooming before leaves. Flowers unusually showy. **Red flowering, white flowering, pink flowering.**
3 to 4 feet\$1.50 each

Aralia

Aralia spinosa (Hercules Club). (18-20 ft.). Thick, spiny stems with enormous panicles of white flowers in July. Useful for tropical effects.

Large plants, 6 to 7 feet\$2.00 each

Cercis

Cercis canadensis (American Redbud). (12-15 ft.). A profusion of deep pink flowers in April. Good foliage. Very effective when planted with white Dogwood.

	Each	10	100
5 to 6 feet	\$1.50	\$13.50	\$110.00

Chionanthus

Chionanthus virginica (White Fringe). (15-18 ft.). A choice lawn tree of neat, elegant habit. Large dark green, glossy foliage. Numerous showy racemes of pure white, feathery flowers in June. Very fragrant and decorative.

4 feet\$2.00 each

Cladrastis

Cladrastis lutea (Yellow Wood). (30-40 ft.). Fragrant white flowers. June.

3 to 4 feet\$2.00 each

Scarlet Japanese Maple.

Bechtel's Crab—one of the finest flowering trees.

Cornus

Cornus florida (White Flowering Dogwood). (15-25 ft.). One of the handsomest of American trees, making a wonderful show in early Spring (May) with its pure white flowers. Brilliant scarlet fruit in Autumn.

	Each	10
4 feet	\$1.50	\$13.50
5 to 6 feet	4.00	36.00

C. florida rubra (Red Flowering Dogwood). (15-20 ft.). Similar to the white, but its good, bright pink flowers are more persisting. Balled and burlapped.

3 to 4 feet\$5.00 each

Corylus

Corylus avellana (European Hazel Nut). (13-15 ft.). Tall growing, spreading shrub, with roundish leaves and nuts standing out distinctly; good for natural plantings; likes half shade.

3 to 4 feet\$1.50 each

Crataegus

Crataegus, Paul's Scarlet. (12-15 ft.). Very double scarlet flowers, freely produced.

5 to 6 feet\$2.00 each

Crataegus oxyacantha (English Hawthorn). (12-15 ft.). Single white flowers followed by brilliant red 'haws' which hang until February. Pretty foliage. Fine for hedges.

Heavy plants\$2.50 to \$5.00 each

Euonymus

Euonymus alatus (Winged Euonymus). (9-10 ft.). Valuable for its leaves of brilliant crimson color in Autumn. Branches are winged with a corky layer. A very beautiful shrub.

3 to 4 feet\$1.50 each

Japanese Flowering Cherry.

Gymnocladus

Gymnocladus dioica (Kentucky Coffee Tree). (40-50 ft.). Blue-green foliage, picturesque outline.
3 to 4 feet\$1.75 each

Halesia

Halesia tetraptera (Great Silver Bell). (12-15 ft.). Snow white, bell-shaped flowers in May, profusely borne on branchlets. Decorative, brown-winged fruits.
5 to 6 feet\$2.00 each

Hamamelis

Hamamelis virginiana (Witch Hazel). (10-12 ft.). Bears small, bright yellow ribbon-like flowers, in late Autumn. Bushy habit; good foliage. A fine undershrub.
\$1.50 each

Laburnum

Laburnum vulgare (Golden Chain). (20-25 ft.). A dwarf tree with shining green leaves and handsome golden yellow flowers in June. Drooping habit. Good lawn tree.
\$1.50 each

Magnolia

Magnolia soulangeana. The largest of the Chinese varieties. In April, flowers pink, with purple at the base of the petals. Blooms in profusion. Very popular.

Balled and burlapped, 3 to 4 feet,\$15.00 each

Magnolia glauca (Sweet Bay). (15-20 ft.). Delightfully fragrant, creamy white flowers in June. Foliage glossy, deep green. Irregular in habit. Prefers a moist location.

Large, heavy plants \$10.00 to \$15.00 each

Malus - Crab

Malus ioensis plena (Bechtel Crab). (10-15 ft.). An exceptionally fine variety with all the good characteristics of this family. Very hardy, forming a shapely compact specimen, and blooms freely. Fragrant, delicate, pink double flowers in early Spring.
\$1.50 each

M. floribunda purpurea (Purple Crab). (10-15 ft.). Flowers purple, in great profusion. A good lawn specimen. Profuse bloomer.
\$2.00 each; 10, \$17.50

M. Scheideckeri (Scheidecker Crab). (10-15 ft.). Double flowers of a light rose color lasting for a long time. Large, yellow fruits. Small tree of pyramidal habit.
\$2.00 each; 10, \$17.50

Pieris

Pieris japonica (Andromeda) (Japanese Andromeda). (5-6 ft.). Evergreen. Thick, shiny leaves, turning bronze in Winter. Drooping cluster of small, white flowers, May. Partially shaded places preferred.

3 feet\$1.50 each

Heavy plants, balled and burlapped
\$5.00 to \$7.50 each

Prunus

Prunus padus (European Bird Cherry). (30-40 ft.). Decorative flowering tree; has long, drooping racemes of white flowers; black fruit.
\$1.50 each

P. subhirtella pendula (Weeping Japanese Cherry). (12-15 ft.). A most beautiful and graceful tree, covered with pink blossoms in early Spring.
\$5.00 each

P. cerasifera Pissardi (Purple Leaf Plum). (12-15 ft.). Valuable chiefly because of purplish foliage; should be pruned every year for best color effects. Each 10 Improved type\$1.50 \$13.50

P. tomentosa (Nanking Cherry). (6-7 ft.). A splendid shrub, has pink buds expanding to white flowers. Small red fruits relished by birds.
\$1.50 each

Japanese Flowering Cherries

The Japanese Flowering Cherries are singularly beautiful and attractive and should be better known in this country. Many hardy forms have long been introduced. There are many forms as beautiful and quite as large as many semi-double roses. They present a great mass of bloom in May.

Prunus serrulata sachalinensis fugenzo (Yama Cherry). A large tree with reddish and lustrous bark. Large leaves turning to crimson and yellow in Autumn. This is one of the handsomest, bearing rose-pink flowers.
2 to 3 feet\$3.00 each

P. serrulata sachalinensis albo-rosea (White Yama Cherry). Similar to above with flowers pink in bud and changing to white as they expand.
2 to 3 feet\$3.00 each

P. serrulata spontanea praecox (Wild Oriental Cherry). Flowers single and rather small, pale pink. Leaves greenish brown to reddish brown when unfolding.
2 to 3 feet\$3.00 each

P. Sieboldi (Siebold Cherry). Strong growing tree like a sweet Cherry, producing showy pink double flowers.
2 to 3 feet\$3.00 each

Rhus

Rhus cotinus (Purple Fringe). (8-10 ft.). A much-admired shrub for its purplish misty-looking flowers, borne in early June. In the Fall the leaves change to brown, red and yellow. Good foliage. Good specimen plant.
\$2.00 each

Robinia

Robinia hispida (Rose Acacia). (Standard). Attractive rosy pink flowers. May-June. Grafted high.
4 to 5 feet\$2.50 each

Salix

Salix caprea (Pussy Willow). (12-15 ft.). Very desirable for Spring effect. Will succeed as well in dry as in wet places. Branches may be forced in Winter.
\$1.00 each; 10, \$9.00

Staphylea

Staphylea colchica (Colchis Bladder Nut). (10-12 ft.). Flowers white, with distinctive fragrance, May-June. Decorative seed pods.
\$2.00 each

Styrax

Styrax japonica (Japanese Snowbell). (12-15 ft.). White, bell-shaped, pendant flowers, June-July. Makes a handsome lawn specimen.
\$1.50 each

The Flowering Shrubs

THE judicious planting of shrubs adds greatly to the beauty and value of property and contributes a wealth of pleasure and interest to the home. A good shrub collection will present the greatest variety of color throughout the season, both in flower and foliage. Even in Winter it is attractive in appearance from the gracefulness of its stems and branches, and from the color of its bark. Irregular massing is the most picturesque method of shrub planting, and from the following list a selection of varieties for every requirement can be made.

ABBREVIATIONS

Those marked (*)—Attractive to birds.

Those marked (D)—Dwarf growing bushes, 2 to 4 feet.

Those marked (M)—Medium growing bushes, 4 to 6 feet.

Those marked (L)—Large growing bushes, 6 to 10 feet.

Almond

See *Prunus glandulosa*

Acanthopanax

Acanthopanax pentaphyllum (Five-Leaf Aralia.) (L). A distinct, ornamental shrub. Graceful arching branches and bright green foliage. Splendid for banks; very adaptable. Good foliage for smoky exposure.

	Each	10
3 to 4 feet	.....	\$0.60 \$5.40

Amorpha - Indigo Bush

Amorpha fruticosa (Indigo Bush). (L). Deep purple flowers in June. Spreading habit.

	Each	10
2 to 3 feet	.....	\$0.75 \$6.75

Aronia - Chokeberry

Aronia brilliantissima. (M*). So named for its brilliant red berries. Valuable.

3 to 4 feet		\$1.25 each
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A. arbutifolia (Red Chokeberry). (L*). A very ornamental shrub. Leaves bright green above, woolly beneath. In Autumn tones of yellow, orange and red. Flowers white in profuse terminal cluster. Red berries.

3 feet		\$1.25 each
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A. melanocarpa (Black Chokeberry). (M*). Similar to *A. arbutifolia* except the leaves are smoother and the berries black.

3 feet		\$1.25 each
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Baccharis

Baccharis halimifolia (Groundsel Bush). (L). Adapted to dry and rocky slopes in sunny positions. When in fruit with its fluffy white seed vessels it resembles a shrub with abundant snow-white flowers.

	Each	10
3 to 4 feet	.....	\$0.75 \$6.75

Benzoin

Benzoin aestivale (Spice Bush). (L). Flowers yellow, April. Scarlet berries, beautiful Autumn coloring; leaves aromatic.

2 to 3 feet		\$1.00 each
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Berberis - Barberry

Berberis purpurea (Purple Barberry). (M*). Violet-red colored foliage and fruit; rich looking when contrasted with plants of lighter foliage. Very effective in groups and masses. (New).

	Each	10
12 to 15 inches	.....	\$0.75 \$6.75

B. Thunbergi (Japanese Barberry). (M*). One of the most hardy and valuable species; especially remarkable for its low, dense, horizontal growth, its large, brilliant fruit which remains fresh throughout the Winter, and for its bright scarlet Fall coloring. This is the variety to use for hedges and borders.

	Each	10	100
1 to 1½ feet	.....	\$0.25	\$2.25 \$20.00
2 to 2½ feet	.....	.50	4.50 40.00
Large specimens	.....	\$1.00 to \$2.00 each	

Buddleia - Butterfly Bush

Buddleia magnifica. (M). Fragrant, deep rose-purple flowers with deep orange eye, produced in abundance in August-October. Stalks die to ground each Winter, but are reproduced in the Spring. Should have some protection in Winter, 50c each; 10, \$4.50.

Callicarpa

Callicarpa purpurea (Chinese Beauty Berry). (M). Leaves dark green, hairy. Flowers violet, expanding in mid-summer. Fruit violet-purple, produced in great profusion. Extremely ornamental.

	Each	10
2 to 3 feet	.....	\$0.60 \$5.40

Calycanthus

Calycanthus floridus (Carolina Allspice). (L). Large, handsome foliage. Double, chocolate-colored flowers having a pleasing, spicy odor. Thrives in partial shade.

	Each	10
3 to 4 feet	.....	\$0.75 \$6.75

Caragana

Caragana arborescens (Siberian Pea). (L). Very hardy, tall growing. Yellow flowers in June; dark green wood; neat foliage; flourish in sandy soil.

	Each	10
2 to 3 feet	.....	\$0.75 \$6.75

Celastrus

Celastrus scandens (American Bittersweet). Yellow flowers followed by orange-colored berries. Each 10
2 to 3 feet\$0.50 \$4.50

Clethra

Clethra alnifolia (Sweet Pepper Bush). (M). An upright, slow growing shrub. Rich green foliage and spikes of creamy white, fragrant flowers throughout the season. Thrives in shady, damp places, where not many shrubs will grow. Each 10
1 to 2 feet\$0.75 \$6.75

Cornus - Dogwood

Cornus sanguinea (Bloodtwig Dogwood.) (L*). Branches deep red or purplish red. Very conspicuous in Winter. Greenish white flowers, black fruit. Each 10
3 to 4 feet\$0.60 \$5.40

C. sibirica (Red Branched Dogwood). (M*). An upright, bright blood-red branched shrub. Leaves dark green; flowers creamy white; fruit a light blue or bluish white. Each 10
3 to 4 feet\$0.60 \$5.40

C. stolonifera flaviramea (Golden Twigged Dogwood). (M*) Bright yellow branches. Planted with the red-branched species, a very effective and striking contrast may be secured. 3 to 4 feet60c each

Cydonia

Cydonia japonica (Japan Quince). (M). A very showy, popular shrub, which blooms profusely in early Spring; flowers dazzling scarlet; yellow pear-shaped fruit. Excellent spiny hedge plant. 1½ to 2 feet60c each

Desmodium

(See Lespedeza)

Deutzia

Deutzia crenata magnifica (New). (Magnificent Deutzia). (L). A most distinct variety with exceptionally large cluster of pure white double flowers, produced in wonderful profusion. The finest of all Deutzias. 2 to 3 feet\$1.00 each

D. gracilis (Slender Deutzia). (D). A fine, hardy shrub, forming a round and compact mass in June. Leaves rather round and of a soft green. Flowers pure white, in graceful racemes. Very showy. Each 10
2 to 3 feet\$0.60 \$5.40

The fragrance of the Butterfly Bush attracts the butterflies.

D. Lemoinei (Lemoine Deutzia). (M). A vigorous grower and floriferous; very desirable; pure white flowers in June. Slender, arching branches. Makes a desirable flowering hedge, round in shape. Each 10
2 to 3 feet\$0.75 \$6.75

D. scabra (Pride of Rochester). (Large Flowering Deutzia). (L). Flowers large, double, white tinged with pink. One of the best. Blooms in July. Very floriferous. Each 10
4 to 5 feet\$0.60 \$5.40

D. scabra eximia (Slender Pink Deutzia). (New). Flowers are slightly pink on the outside and the plant is well adapted to shrubby planting. 2 to 3 feet\$1.00 each

Elaeagnus

Elaeagnus angustifolia (Russian Olive). (L). Fragrant yellow flowers; silver gray, woolly foliage. Forms a spreading bush. Very attractive with its yellow fruit. Rapid grower. Each 10
3 to 4 feet\$0.60 \$5.40

E. longipes (Cherry Elaeagnus). (M). A shrub with reddish brown branchlets; foliage dark green above, silvery beneath; yellowish white, fragrant flowers; scarlet edible fruit. Very desirable. 2 to 3 feet\$1.25 each

Euonymus

Euonymus americanus (Brook Euonymus). (L). An erect shrub with slender, green branches. Bright green leaves. Fruit warty, rose-color, with scarlet seedcoats. Very showy. Each 10
3 to 4 feet\$0.75 \$6.75

E. europaeus (European Burningbush). (L). Erect shrub with dark green leaves turning to crimson in Fall. Bears rose-colored capsules with red seeds in Autumn. Strikingly conspicuous. Each 10
3 to 4 feet\$0.75 \$6.75

Exochorda

Exochorda grandiflora (Common Pearl Bush). (L). A first class shrub producing large, dazzling white flowers in May. One of the finest shrubs of its season. Each 10
3 to 4 feet\$0.75 \$6.75

Deutzia Lemoinei.

Hydrangea paniculata grandiflora.

Forsythia - Golden Bell

(See illustration page 31).

Forsythia intermedia (Border Golden Bell). (L). Erect growing shrub often becoming arching when full grown; flowers deep yellow; very floriferous.

F. suspensa (Weeping Golden Bell). (L). Somewhat pendulous in habit. A valuable shrub for borders, the branches drooping like arches of gold.

F. suspensa Fortunei (Fortune Golden Bell). (L). Bark bright yellow; very vigorous; rather erect growth; blooms in dense masses of golden flowers in April.

F. spectabilis (Showy Border Golden Bell). (L). Most profuse bloomer of all; large, rich golden yellow flowers.

F. viridissima (Green Stem Forsythia). (M). Forms a more bush-like shrub than other varieties; foliage a deep green, and the flowers somewhat later than others.

	Each	10	100
3 to 4 feet	\$0.50	\$4.50	\$40.00
Heavy, 4 to 5 feet	\$0.75	\$6.75	\$50.00

Hibiscus

Hibiscus syriacus (Althea). (Rose of Sharon). (L). Rather formal in outline, flowering in August and September. In various colors. Single and double.

H. Duchesse de Brabant. (L). A variety producing showy double red flowers. Each 10

3 to 4 feet	\$0.60	\$5.40
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H. Jeanne d'Arc. (L). Very strong plants; pure white, double flowers. Late blossoms. Each 10

3 to 4 feet	\$0.60	\$5.40
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H. althea anemoneaeiflorus. Attractive double pink flowers. 3 to 4 feet \$0.60 \$5.40

H. Wm. R. Smith (Shrub Althea). (New). Giant flowering. Pure white flowers, four inches in diameter when fully expanded. Blooms in profusion. July-September. Each 10

2 feet	\$0.75	\$6.75
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Hydrangea

Hydrangea arborescens grandiflora (Snowball Hydrangea). (M). Large snow-white sterile flowers. Very showy. Blooms at times when flowers are very scarce. Each 10

2 to 3 feet	\$0.60	\$5.40
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H. paniculata grandiflora (Peegee Hydrangea). (L). A grand, attractive plant, commencing to bloom in July and lasting for months. Flowers are pure white, changing to pink, and are borne in immense clusters. Very showy. Each 10

2 to 3 feet	\$0.60	\$5.40
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H. quercifolia (Oakleaf Hydrangea). (L). A distinct, handsome shrub, with spreading branches. Large, dark green leaves above, downy beneath. Creamy white flowers. Succeeds in shade. Good Autumn color.

2 to 3 feet	\$1.25	each
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Hypericum

Hypericum aureum (Golden St. John's Wort). (D). A good, very free flowering shrub with mass of bright yellow flowers in August. Dense habit. Foliage is bluish.

H. prolificum (Shrubby St. John's Wort). (D). Golden yellow flowers. July-September. Each 10

2 to 3 feet	\$0.60	\$5.40
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Ilex

Ilex verticillata (Winterberry). (L). Bright red berries persisting to mid-Winter; not eaten by birds. Prefers moist soil.

2 to 2½ feet	\$1.25	each
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Itea

Itea virginica (Virginian Willow). (L*). One of the prettiest native shrubs. Upright, somewhat slender growth. Pure white, fragrant flowers in June, in erect terminal racemes. Foliage changes to a rich crimson in Autumn.

2 feet	Each 10	\$0.75	\$6.75
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Kerria

Kerria japonica (Single Japanese Kerria). (M). A green-branched shrub with clear green foliage. Abundance of yellow flowers June-September. Each 10

2 to 3 feet	\$0.75	\$6.75
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Lespedeza

Lespedeza formosa (*Desmodium penduliflorum*). (Purple Bush Clover). (M). Rosy purple or reddish flowers in pendulous bunches. Very free flowering. It is the latest blooming shrub. Very attractive. Each 10

	\$0.75	\$6.75
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Ligustrum - Privet

Ligustrum ibolium (Ibolium Privet). (L). Upright, hardy form; very useful, instead of the more tender California Privet. (See under Hedge Plants).

L. ibota Regelianum (Regel's Privet). (M). Splendid, dense shrub, with horizontal growing branches. Fine for specimens and border work. Absolutely hardy.

	Each	10	100
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1½ to 2 feet	\$0.40	\$3.60	\$30.00
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2 to 2½ feet	.60	5.40	50.00
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L. ovalifolium (California Privet). (See under Hedge Plants).

L. sinense (Chinese Privet). (L). Slender, spreading branches with small, shiny leaves remaining nearly all Winter. One of the best Privets. Very good for screening.

	Each	10	100
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1½ to 2 feet	\$0.25	\$2.25	\$20.00
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3 to 4 feet	.60	5.40	50.00
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Large specimens, 4 to 6 feet, balled and burlapped.....\$3.00 to \$5.00 each

Lonicera Grandiflora Rosea.

*Rhodotypos
Kerrioides.*

Lonicera - Honeysuckle

Lonicera bella (Belle Honeysuckle). (M*). Strong, rapid growing plant with a profusion of white flowers and scarlet fruit. Each 10

Large plants\$0.60 \$5.40
L. fragrantissima (Winter Honeysuckle). (L*). A beautiful strong growing variety, almost evergreen with very fragrant pinkish flowers in April and May. Each 10

Large plants\$0.75 \$6.75
L. Morrowi (Morrow Honeysuckle). (L*). A shrub with wide spreading branches. Creamy white flowers in May and June, followed by bright red fruits lasting until late in Fall. Very decorative. Each 10

Large plants\$0.60 \$5.40
L. Maacki podocarpa (Late Honeysuckle). (L*). Pinkish flowers, better fruit than Morrowi and holds leaves longer. Vigorous. Each 10

3 to 4 feet\$0.75 \$6.75
L. tartarica (Tartarian Honeysuckle). (L*). Bears a profusion of pink flowers in June, contrasting well with the foliage. Light red fruit borne in profusion. Very adaptable. Each 10

Large plants\$0.60 \$5.40

Philadelphus - Mock Orange

Philadelphus Falconeri. (L). Slender arching branches. Fragrant flowers in loose racemes in June. Each 10

3 to 4 feet\$0.75 \$6.75
P. coronarius (Sweet Mock Orange). (L). Upright shrub with pure white, fragrant flowers in June, produced in great profusion. Each 10

3 to 4 feet\$0.50 \$4.50
Heavy, 5 to 6 feet75 6.75

P. coronarius grandiflora (Large-Flowering Mock Orange). (L). Vigorous grower. Each 10

4 to 5 feet\$0.75 \$6.75

NEW HYBRID PHILADELPHUS

A new race of *Philadelphus* has been produced that are the most valuable introduction in shrubs in the last twenty-five years. The flowers are much improved and are produced in great profusion even on the smallest and youngest plants. They are attracting much attention and admiration.

P. Avalanche (Dwarf Mock Orange). (D). Large, fragrant white flowers on arching branches. Each 10

2 to 3 feet\$1.00 each
P. Bouquet Blanc (White Bouquet Mock Orange). (New). (D). Low, dense habit. Blooms freely in large bunches. May-June. Small leaves. Each 10

2 to 3 feet\$1.00 each
P. brachybotrys. (New). (L). Tall branches are covered with large, fragrant flowers, which set it up as the finest of the new group. Each 10

3 to 4 feet\$1.50 each
P. Mont Blanc (Hybrid Mock Orange). (D). A charming variety of dwarf habit, with very large, fragrant flowers produced in great abundance. Each 10

2 to 3 feet\$1.00 each
P. virginialis (Virginal Mock Orange). (M). Very conspicuous semi-double flowers produced all Summer. Very desirable. Each 10

2 to 3 feet\$1.00 each

Photinia

Photinia villosa (Red-berried Photinia). (L). Flowers white; June. Rich scarlet berries profusely borne in Autumn. Splendid foliage for color and texture. Each 10

3 to 4 feet\$1.50 each

Physocarpus

Physocarpus opulifolius (*Spiraea Opulifolia*). (Ninebark). (L). Creamy white flowers in June. Good for shade. A good, vigorous shrub, easily grown. Each 10

3 to 4 feet\$0.60 \$5.40

Prunus

Prunus glandulosa (Flowering Almond). (M). Flowers double; May. Each 10

2 to 3 feet\$1.00 each

Rhamnus - Buckthorn

Rhamnus cathartica (Common Buckthorn). (L). Dark green leaves, black berries. Valuable background bush. Each 10

3 to 4 feet\$0.75 each
R. frangula (Glossy Buckthorn). (L). Handsome, dense growing shrub. Shining foliage and attractive red berries, turning to black. Good Fall coloring. Each 10

3 to 4 feet\$0.75 \$6.75

Rhodotypos

Rhodotypos kerrioides (White Kerria). (M). A distinct, decorative shrub, bearing snow-white flowers in May; shining black berries throughout the Winter. Will thrive in all soils and shady places. Each 10

3 to 4 feet\$0.60 \$5.40

Rhus - Sumac

Rhus canadensis (Fragrant Sumac). A spreading shrub; small yellow flowers disposed in short spikes appearing before the leaves; thick and fragrant foliage. In autumn the foliage turns to a dark crimson. Each 10

2 to 3 feet\$0.75 \$6.75
R. copallina (Shining Sumac). (M). Beautiful foliage of lustrous green changing to rich crimson in the Autumn. Crimson fruits. Very ornamental. Each 10

Large plants\$1.00 each
R. glabra laciniata (Cutleaf Smooth Sumac). (M). An ornamental variety with deeply cut leaves, giving it a fern-like appearance. Each 10

Large plants\$1.25 each
R. typhina (Staghorn Sumac). (L). One of the most brilliant plants in Autumn; lovely foliage and velvety bark. Thrives in poor, rocky soil. Each 10

Large plants\$1.00 each

Robinia

Robinia hispida (Rose Acacia). (M). Rosy pink, attractive flowers. May-June. Soon develops into a mass. Each 10

2 to 3 feet\$1.00 each

Rosa

Rosa Hugonis (Golden Rose of China). (M). Clear yellow, single, flowers freely produced; June; bushy habit; small, decorative foliage. Very desirable border Rose. Each 10

2 to 3 feet\$0.75 \$6.75

Philadelphus Coronarius.

Rubus

Rubus odoratus (Flowering Raspberry). (M). Rose-colored, fragrant flowers produced all Summer. Particularly good for covering banks, especially in shade.

Each 10
2 to 3 feet\$0.75 \$6.75

Salix

Salix incana (Rosemary Willow). (L). Good for fine texture in foliage effects.

Each 10
3 to 4 feet\$0.60 \$5.40

Sambucus

Sambucus canadensis aurea (Golden American Elder). (L*). Vigorous, spreading habit, distinct on account of its yellow foliage. In full sun is one of the best yellow shrubs.

Each 10
3 to 4 feet\$0.60 \$5.40

Spirea Van Houttei.

Spirea

Spirea Anthony Waterer (Waterer Spirea). (D). Very free blooming, compact shrub. Deep rosy pink flowers. Foliage somewhat variegated. Makes a desirable low growing flowering hedge.

Each 10
2 to 3 feet\$0.60 \$5.40

S. Billiardi (Billiard Spirea). (M). Flowers bright pink, produced in huge, dense panicles; blooms from May throughout Summer. Very showy.

Each 10
3 to 4 feet\$0.60 \$5.40

S. bumalda (Bumalda Spirea). (D). A bushy, dwarf plant, with rosy pink flowers; blooms in great profusion from July to frost.

Each 10
Heavy, 2 to 3 feet\$0.75 \$6.75

S. Nobleana (Pink). (M). Striped branches. Flowers pink. July-August.

Each 10
3 to 4 feet\$0.60 \$5.40

S. opulifolia. (See *Physocarpus Opulifolius*).

S. Thunbergi (Thunberg Spirea). (M). Beautiful shrub of numerous, slender branches forming a dense, feathery bush. Leaves narrow, bright green, fading in Autumn to orange and scarlet. Great profusion of pure white flowers in early Spring.

Each 10
2 to 3 feet\$0.60 \$5.40

S. Van Houttei (Van Houtte Spirea). (L). Grand and graceful with numerous arching branches. Dark green leaves, persisting until late Autumn. Flowers white, in numerous dense-flowered umbels in late Spring.

Each 10 100
2 to 3 feet\$0.30 \$2.70 \$25.00
3 to 4 feet60 5.40 50.00

S. prunifolia (Bridalwreath). (L). White, May. Free flowering; handsome dark green, shining foliage, turning to orange in Autumn.

Each 10
3 to 4 feet\$0.60 \$5.40

Forsythia—Golden Bell. (See page 29).

Stephanandra

Stephanandra flexuosa (Cutleaf Stephanandra). (M). A beautiful shrub with graceful, drooping branches. Leaves are finely and delicately cut, assuming reddish tints in Autumn. Pure white flowers in June.

Each 10
2 to 3 feet\$0.75 \$6.75

Symphoricarpos

Symphoricarpos racemosus (Common Snowberry). (M*). A smooth shrub of slender branches, bending under their load of white, waxy berries in Autumn. Rose-colored flowers. July-August. Flourishes in partial shade.

Each 10
3 to 4 feet\$0.60 \$5.40

S. vulgaris (Coralberry). (M*). More compact growth than *S. racemosus*. Greenish red flowers are succeeded by dark purplish red berries in clusters. Good for hillside, partial shade.

Each 10
3 feet\$0.50 \$4.50

Tamarix Hispida Aestivalis.

Syringa - Lilac

Syringa Josikaea (Hungarian Lilac). (L). Violet flowers, June. Good, shining dark green foliage.

3 to 4 feet\$1.25 each

S. persica (Persian Purple Lilac). (M). Graceful shrub with slender arching branches. Flowers pale lilac in rather loose, broad panicles in late Spring. Very fragrant. Each 10

3 to 4 feet\$1.00 \$9.00

S. villosa (Himalaya Lilac). (L). Bushy shrub with stout branches. Bright green foliage. Panicles of rosy white flowers. Very fragrant. Valuable for late blooming.

3 to 4 feet\$1.25 each

S. vulgaris (Common Purple Lilac). (L). Best of Lilacs. Strong, vigorous, upright shrub. Large clusters of fragrant purplish flowers in May. Rich, dark green foliage. 75c each; 10, \$6.75

S. vulgaris alba. (White Lilac).....75c each; 10, \$6.75

French Lilacs in Variety.

3 to 4 feet\$1.50 each

Tamarix

Tamarix africana (African Tamarix). (L). Graceful appearance. Light, feathery foliage, and large, loose panicles of pinkish flowers in early Summer. Each 10

3 to 4 feet\$0.60 \$5.40

T. hispida (Kashgar Tamarix). Flowers pink in dense racemes. Each 10

3 to 4 feet\$0.60 \$5.40

Special 12 Popular Shrubs That Will Give Bloom All Season

Golden Bell	April	Yellow
Bridal Wreath	May	White
Weigela	May-June	Pink
Lilac	May	Blue
Bush Honeysuckle	June-July	Red-Pink
Mock Orange	June-July	White
Deutzia	June-July	Pink
Spiraea Billiardi	July-Aug.	Pink
Spiraea A. Waterer	July-Aug.	Red
Hydrangea	Aug.-Oct.	White
Rose of Sharon	Aug.-Oct.	White, Pink and Red
Red-Twigged Dogwood	Winter	Red Branches

Collection of one each of the above \$6.50

Collection of three each of the above (36 in all) \$18.00

Pendulous sprays of white berries contrasting beautifully with foliage feature the White Snowberry.

Viburnum Lantana, the Wayfaring Tree, makes an excellent informal tall hedge or screen planting, beautiful alike when in bloom or with only the dark, heavy foliage.

Weigela Rosea succeeds well in dusty smoky city conditions.

Viburnum

Viburnum americanum (American Cranberry Bush). (L). Bright, scarlet berries in large bunches, persisting all Winter.

2 to 3 feet\$1.25 each

V. Carlesi (New). (M). Much branched, spreading shrub. Flowers change from pale pink to white; fragrant; April-May. One of the best Viburnums.

Balled and burlapped, 2 feet.....\$5.00 each

V. cassinoides (Withe Rod). (M). White, June-July. Berries pink, changing to dark blue. Rich Autumn coloring; splendid for massing and near water.

2 to 3 feet.....\$1.00 each

V. dentatum (Arrow Wood). (L*). Curious, roughly heart-shaped leaves turning rich purple and red shades in Fall. Very ornamental. Greenish white flowers; pretty dark blue berries.

Each 10
3 to 4 feet\$0.75 \$6.75

V. dilatatum (Linden Viburnum). (L). White, May-June. Scarlet, showy berries, persisting. Handsome and valuable.

2 to 3 feet.....\$1.25 each

V. lantana (Wayfaring Tree). (L). Large, white flower clusters, opening in May, followed by red fruits turning black in Autumn. Peculiar soft foliage.

3 to 4 feet.....\$1.00 each

V. lentago (Nannyberry). (L*). Flowers creamy white and very fragrant. Foliage a light glossy green, fruit bluish black.

2 to 3 feet.....\$1.00 each

V. opulus (European Cranberry Bush). (L*). One of the best shrubs for general planting. Red berries following large, white, flat top flower clusters, resemble cranberries, and remain until early Winter. Foliage large, seldom attacked by insects.

3 to 4 feet.....\$1.00 each

V. opulus sterile (Common Snowball). (L*). Well known large shrub, producing large, snowball-like flowers in May. No fruit produced.

3 to 4 feet.....\$1.00 each

V. prunifolium (Blackhorn). (L). Pure white flowers, April-June. Blue-black, glaucous berries. Sturdy habit, handsome shrub.

2 to 3 feet.....\$1.50 each

V. Sieboldi (Siebold Viburnum). (L). White, May-June. Berries pink, changing to black. Handsome, large, dark green leaves. Vigorous.

2 to 3 feet.....\$1.50 each

V. tomentosum (Doublefile Viburnum). (M*). Flowers white, in flat racemes, and in great profusion; berries red changing to bluish black. Perfectly hardy, vigorous and free blooming.

3 to 4 feet.....\$1.00 each

V. tomentosum plicatum (Japanese Snowball). (L). Showy white flowers, ball-shaped, June. Handsome foliage with purple Autumn coloring.

3 to 4 feet.....\$1.00 each

V. tomentosum rugosum (Wrinkle-Leaf Wayfaring Tree). (L). Has larger and more wrinkled leaves than *V. lantana*. A desirable shrub.

3 to 4 feet.....\$1.25 each

Vitex

Vitex macrophylla (Chaste Tree). (M). Strong, aromatic odor; grayish star-shaped foliage; flowers pink-lilac from July to September. Prefers sun.

2 to 3 feet.....\$1.00 each

Weigela

Weigela candida (White Weigela). (L). Large, pure white flowers.

Each 10
3 to 4 feet.....\$0.60 \$5.40

W. Desboisi (Desbois Weigela). (M). Deep rose-pink flowers; profuse bloomer.

Each 10
3 to 4 feet.....\$0.60 \$5.40

W. Eva Rathke (Red Flowered Weigela). (M). Remarkably free bloomer; distinct deep carmine-red flowers. Erect and vigorous habit.

Each 10
3 to 4 feet.....\$0.75 \$6.75

W. nana variegata (Variegated Weigela). (M). Leaves variegated with white. Pale pink flowers.

3 to 4 feet.....\$1.00 each

W. rosea (Pink Weigela). (L). Elegant shrub with fine, rose-colored flowers. Vigorous grower. Flowers in May.

Each 10
3 to 4 feet.....\$0.60 \$5.40

How to Plant Shrubs

Roses

DOWN through the ages the Rose has been known and accepted as the "Queen of the Flowers." Its presence is sensed in the garden, and upon all occasions its beauty and fragrance are outstanding. Of the many thousand varieties of Roses in existence, we list only such varieties that have been thoroughly tried out in this section.

Plant Roses in sunny locations, free from interference from other plants. Dig beds to a depth of 18 inches or more, adding plenty of well-rotted cow manure, and being especially certain that good drainage is provided. Plant as early as possible after receipt of shipment, and take precautions that the roots of the plants are not unnecessarily exposed to the air.

Hybrid Tea Roses

These are the Everblooming Roses, so called because they flower continuously or at brief intervals through the Spring, Summer and Fall. This group includes most of the finest Roses. They give beautiful flowers in many varied colors, and most of them are fragrant. They are reliable and hardy, but should get some Winter protection.

75c each; 10 for \$7.00; 100, \$65.00.

For late Spring and Summer planting, potted plants, \$1.00 each; 10 for \$9.00; 100, \$85.00.

PINK

COLUMBIA. A beautiful, true pink Rose. Its double petalage and size make it a wonderful bedding and cutting Rose.

LULU. This Rose is of particular value because of its bud form, which is very long, substantial, and of a red-orange color. The flowers are semi-double and of a salmon-pink color.

MADAME BUTTERFLY. A symphony of white, pink and gold. Its buds are a rich Indian-red, yellow at the base. A beautiful Rose.

MRS. CHAS. BELL. Soft shell-pink with salmon background. It retains its full globular shape for an unusually long period.

LADY ASHTOWN. Plant is strong and free blooming. Satiny buds and blooms of deep, shining pink with a yellow glow at the base. The flowers are quite fragrant.

LOS ANGELES. The plant is of excellent habit, with good foliage, and blooms well. The buds are lovely and the flowers are exquisite salmon-pink with yellow shading.

MME. LEON PAIN. Plant is very vigorous, branching, free-flowering and almost immune from disease. The blooms are of great size, and of a beautiful salmon-pink color.

MRS. WM. C. EGAN. Flowers are deep flesh color, contrasted with lighter shades of soft pink and a golden glow at the base of the petals. A very vigorous and branching plant. A superior Rose.

ROSE MARIE. Fragrant; clear rose-pink flowers of large size, borne freely on plants of notable vigor and health. One of the finest pinks.

JONKHEER J. L. MOCK. Vigorous in growth and hardy, with great freedom of bloom. The flowers are round and full, bright pink, faced carmine. A superior Rose.

LOUISE CATHERINE DE BRESLAU. Cup-shaped flowers of salmon-orange shading to pink. The bush is low, compact and many branched.

PINK RADIANCE. A very beautiful globular pink flower, heavy-stemmed, and extra hardy. One of the best all-around garden Roses.

YELLOW

MRS. AARON WARD. Color is deep, golden orange, shading to creamy yellow. A wonderful color combined with the healthy plants form a most happy combination in this Rose.

GOLDEN OPHELIA. Well shaped blooms with a heart of golden yellow, shading lighter towards the edges of the petals. The plant is robust and healthy and blooms with great freedom.

IRISH FIRE FLAME. The buds are a wonderfully rich orange, splashed with crimson, opening to a large, single flower, of satiny old gold.

GOLDEN EMBLEM. Beautifully formed long buds opening into fragrant, golden flowers. A splendid garden and yard type. It blooms profusely and continuously throughout the season.

RED

FRANCIS SCOTT KEY. Plant is erect, producing its massive bloom in great abundance; good foliage; quite hardy. Flowers very large, light crimson and slightly fragrant.

ETOILE DE FRANCE. Velvety garnet-red cup with center of vivid cerise. The flowers are very large and full. Fragrance and sturdy growth especially recommend it as a garden Rose.

GRUSS AN TEPLITZ. Intense depth and richness of color, velvety crimson-red. A very sturdy grower.

HOOSIER BEAUTY. Splendid dark red blooms of impeccable shape and powerful fragrance. The plant is healthy and vigorous.

MME. ED. HERRIOT. Sparkling buds of coral-red and orange, opening to flowers of brilliant orange-red and salmon. The plant is strong and free flowering.

MRS. GEO. SHAWYER. One of the best Roses for cut flowers, as the blooms, freely produced, are large and full, and on long, heavy stems. A beautiful shade of rosy carmine.

RED RADIANCE. Extra hardy, vigorous and prolific; one of the best all-around garden Roses. Its color is a beautiful brilliant crimson.

SOUV. DE GEORGES PERNET. The flower is a cheerful succession of reds. The variety expresses bulk and solidity from the stout stems to thick buds. (New).

ISOBEL. The largest of all the Irish Roses. The long bud, orange-carmine, and the open flower are the same. The bush grows tall and willowy, and the flowers have very long stems.

PADRE. An extremely effective bedding Rose. Erect, strong bush with light green foliage; blooms scarlet with bright yellow at base and often curiously notched.

WHITE
K. A. VICTORIA. Best white. An old favorite that is unsurpassed.

Moss Roses

A beautiful species, distinguished by the mosslike covering of their buds. A vigorous, stocky growth of lustrous foliage, and perfect hardiness, bearing an unusually large and lasting bloom, but once each year.

Price, potted plants, \$1.00 each; \$9.00 per 10.

CRIMSON GLOBE. (Red). Light crimson, globular flowers, not fully double, and of more than average size; blooms in clusters. Vigorous growth.

CRESTED MOSS. (Bright pink). The flowers are large and full and a bright rose-pink, paling towards the edges. Branching, moderate growth. Feed heavily to produce the finest crests. A very unique Rose.

Frau Karl
Druschki.

Rugosa Roses

These Roses have a distinct and beautiful foliage, with flowers of a wide variety of beauty and fragrance. They are produced in early Summer and later, on plants of vigorous growth, but not of climbing habit. They require more room and height than other Roses.

Price, potted plants, \$1.00 each; \$9.00 per 10.

F. J. GROOTENDORST. (Bright red). Small, fringed flowers of bright red, produced in large clusters, freely, throughout the growing season. The plant grows to six feet and more, and is very vigorous, with large, coarse foliage of superb quality.

SIR THOMAS LIPTON. (White). Snowy white flowers of good size and unusual quality, borne in utmost profusion in Spring, and sparingly through the Summer and Fall. The plant is enormous and very hardy.

Hybrid Perpetual or June Roses

These Roses are taller and much hardier. Their flowers are of enormous size, most brilliant, and have the sweetest fragrance. They bloom in early Summer and sparsely in the Fall, but a few varieties are continuous under good culture.

Price, potted plants, \$1.00 each; \$9.00 per 10.

F. K. DRUSCHKI. (Pink). Pink buds and magnificent snow-white blooms with deep, firm petals, forming a beautiful flower. Plant is one of the strongest, growing from 4 to 10 feet high. Blooms freely and continuously.

GEN. JACQUEMINOT. (Crimson-red). The oldest, best known and most reliable red; free blooming, rich crimson-red. Plant is very hardy, but needs careful attention in thinning and pruning to get best results.

GEORGE DICKSON. (Dark crimson). Immense, dark red blooms of the most perfect shape; very fragrant. Strong growing; foliage very beautiful.

MRS. JOHN LAING. (Shell-pink). Large, smooth blooms of clear pink, cup-shaped, double and very fragrant. Plant is vigorous, erect and almost thornless. Flowers abundantly.

Rambler Roses

These plants are exceptionally vigorous and include only the newer and hardier varieties not subject to mildew. Older varieties, such as Dorothy Perkins, Crimson Rambler, etc., have been replaced by these improved strains.

Prices, except where noted, 75c each; \$7.00 per 10. Potted plants for late Spring and Summer planting, \$1.00 each; \$9.00 per 10.

(PINK)

CLIMBING AMERICAN BEAUTY. The perfect foliage and strong climbing habit of growth; the abundant bloom, being in prime before June; makes a very desirable Rose.

ROSERIE. Vigorous of growth, clean of foliage and great freedom of bloom. The flowers are a deep glowing pink

Etoile de France—dependable, continuous bloomer, very fragrant, long pointed buds.

RAMBLER ROSES—Continued.

RED

JACOTTE. (New). A vigorous climbing plant with light green foliage. The flowers are yellow in bud, but expand into flowers of a deep copper, tinted with copper-red. \$1.50 each.

PAUL'S SCARLET. Flowers are scarlet, shaded crimson; large, semi-double. This is a wonderful Rose for trellis or pergola use. One of the best reds.

DR. HUEY. A pillar Rose growing to 8 feet. It is covered with large, semi-double flowers of deepest crimson in late Spring. A very beautiful Rose.

AMERICAN PILLAR. This is one of the most valuable and attractive climbers. It flowers profusely in large, compact clusters. The single flowers are a brilliant carmine-rose.

BESS LOVETT. Large, full flowers of light crimson-red, borne in long-stemmed clusters suitable for cutting; sweetly fragrant. Plant very strong, free-flowering, with fine glossy foliage.

YELLOW

EMILY GRAY. Large, semi-double, deep buff flowers, slightly fragrant. Produced singly or in clusters by a strong-growing plant, bearing beautiful holly-like foliage.

GARDENIA. Yellow buds and creamy flowers with rich yellow centers, well formed, and borne in small sprays. Plant extremely vigorous. One of the best of the yellow Ramblers.

WHITE

BREEZE HILL. (New). Flowers are large and flat, white tinted with yellow, rose and apricot. Plant is vigorous and healthy. \$2.00 each.

GLENN DALE. (New). A hardy, vigorous, but not rampant climber, with heavy dark foliage. The lemon colored buds are long and beautiful, and open into large beautiful flowers of creamy white. \$2.00 each.

DR. W. VAN FLEET. Pale pink buds and flowers of equal form and size, borne on long, individual stems. The plant makes enormous, thorny canes, and produces thousands of flowers. Undoubtedly the best of all climbers.

SILVER MOON. Semi-double flowers, pure white with thick clusters of yellow stamens in the center. A beautiful white climber.

Climbing American Beauty.

Baby Ramblers.

Baby Ramblers

Called the "Baby Rambler" because of its short, close growth as compared with the trellis climbers; the clustered flowers being identical. They grow to a height of about 2 feet and are shapely little bushes covered with colorful blooms from June till Thanksgiving.

LAFAYETTE. (New). A dwarf, bushy growth. The flowers are a brilliant cherry-crimson, and are strung together in branching sprays. \$1.00 each; \$9.00 per 10.

CRIMSON BABY RAMBLER. The original red of the group. A most beautiful plant, and still the most extensively used. 60c each; \$5.50 per 10.

MISS EDITH CAVELL. Small, semi-double flowers of brilliant scarlet-red, shaded darker. Very bright and one of the best. 75c each; \$7.00 per 10.

ERNA TESCHENDORFF. Deep unfading crimson, darker than the type, and some taller. A very satisfactory plant. 75c each; \$7.00 per 10.

Tree-Shaped Roses

Standard, or tree-shaped Roses, differ from ordinary bush Roses in that they are budded into a stalk of some strong variety at a height of 3½ feet from the ground, forming a bushy head at the top of a long stem. We are offering an assortment of eight varieties and colors, and include only such kinds as make a vigorous head. No. 1 plants, \$3.50 each; \$32.00 per 10.

The W. A. Natorp Co.,
Cincinnati, Ohio.

December 7th, 1927.

Gentlemen:

Enclosed please find check in payment of my account.

It might be of interest to you to know that the plants have proved very satisfactory, and I am very much pleased with the service you have given me.

Yours truly,

BLAINE McLAUGHLIN.

Vines — Climbing and Trailing

HARDY VINES and Climbers add greatly to the beautification of the home, by covering banks and bare spots and giving shade and fragrance to the pergola and verandas. There is a great diversity of habit and variety. Some vines are best suited for shade, others for flowers, such as the Clematis and Wisteria. Many of them require some support, but such as Boston Ivy, English Ivy, etc., are self-supporting to brick, stone, etc. These are very useful for softening the rough corners of the house.

Akebia

Akebia quinata (Five-Leaf Akebia). (15-20 ft.). One of the best climbers bearing numerous bunches of violet-brown flowers. Leaflets are dark green and arranged five on a stalk. Very ornamental and of graceful appearance. Best in sunny places. 75c each; \$6.75 per 10.

Ampelopsis

Ampelopsis quinquefolia (Virginia Creeper). (30-50 ft.). Very large, green foliage, changing to brilliant scarlet in the Fall; grows quickly and clings very firmly to walls. 60c each; \$5.50 per 10.

A. tricuspidata (Veitchi) (Boston Ivy). (40-50 ft.). Rapid-growing vine, having clusters of dark blue berries and handsome green foliage, assuming charming sun tints in Fall. Clings self-supported to walls. 60c each; \$5.50 per 10.

Aristolochia

Aristolochia sipho (Dutchman's Pipe). (30 ft.). Vigorous and rapid-flowering climber. Very large, green foliage; brownish, pipe-shaped flowers; desirable for screening purposes. \$1.00 each.

Celastrus

Celastrus scandens (American Bittersweet). Rapid growth, with large leaves and yellow flowers. Fruit is orange and crimson, in clusters, giving color all Fall and Winter. 50c each; \$4.50 per 10.

Clematis

Clematis paniculata (Sweet Autumn Clematis). (20-25 ft.). Most useful and beautiful of hardy vines. Has fine foliage; luxuriant grower, and profuse bloomer. Flowers pure white, small sized and very fragrant in August. Fine for covering trellises and fences. 60c each; \$5.00 per 10.

C. Henryi. (10-15 ft.). A robust plant, free bloomer, creamy white, large, handsome flowers. \$1.00 each.

C. Jackmani. (10-15 ft.). One of the best; large, rich, velvety purple flowers in profusion. \$1.00 each.

C. Mme. Edouard Andre. A very fine variety with bright red flowers. \$1.00 each.

Euonymus

Euonymus radicans (Winter Creeper). (15 ft.). Evergreen. Very hardy, dense growing, dull green leaves, with whitish vines; grows rapidly, self-clinging. 3 inch pots, 40c each; \$3.60 per 10.

E. radicans variegatus (Variegated Leaf Winter Creeper). (12-15 ft.). Evergreen. Fine vine with clinging tendrils. Compact, variegated, small leaves. 3 inch pots, 40c each; \$3.60 per 10.

Hedera

Hedera helix (English Ivy). (20-50 ft.). The popular, small leaf variety. It is used extensively for covering brick and stone walls and buildings. 3 inch pots, 35c each; \$3.15 per 10; \$27.50 per 100.

Lonicera - Honeysuckle

Lonicera sempervirens (Trumpet Honeysuckle). A beautiful variety, with long, deep crimson flowers borne in profusion in bunches at intervals throughout the Summer. Scarlet berries. Semi-evergreen. 50c each; \$4.50 per 10.

L. Halliana (Hall's Honeysuckle). (15-20 ft.). A strong grower and constant bloomer. Flowers open white, changing to buff; very fragrant. A choice variety. Small, 1-yr plants, suitable for covering banks, \$2.25 per 10; \$15.00 per 100. Heavy clumps, 50c each; \$4.50 per 10.

Lycium

Lycium chinense (Chinese Matrimony Vine). (12-15 ft.). A vigorous climber, branching freely and covered with bright purple, star-shaped flowers, followed by brilliant scarlet berries. 50c each; \$4.50 per 10.

Polygonum

Polygonum Auberti (China Fleece Vine). (25 ft.). During entire Summer and Fall is covered with a great foamy spray of white flowers. A handsome, vigorous climber. \$1.00 each.

Roses

Rosa Wichuraiana (Memorial Rose). Good ground cover for steep bank; fragrant, single white flowers, yellow stamens, good foliage. Evergreen. 50c each; \$4.50 per 10; \$40.00 per 100.

Wisteria

These vines are known as some of our best climbers. They grow very rapidly, and when they bloom they make a wonderful show. Our Wisterias are all grafted with wood from flowering plants, and should bloom when three or four years old.

W. frutescens. (40-50 ft.). Lilac-purple flowers in June; fragrant. \$1.50 each.

W. sinensis (Chinese Wisteria). (40-50 ft.). A very strong grower, clinging high and twining tightly. Pale green foliage; profuse bloomer in early Summer; sky-blue, in long, pendulous clusters. \$1.50 each.

W. sinensis. White. \$1.50 each.

Boston Ivy and Clematis Paniculata.

Hardy Perennial Plants

THE hardy perennial garden appeals very strongly to all garden and flower lovers. During the whole flowering season there is not a time during which some of them are not in bloom. They reappear year after year, blooming freely, and require very little attention and protection.

Select hardy flowers to provide a continuous blooming season. The various coarse-leaved, tall-growing varieties should occupy the background. The dwarf-growing varieties along the border. The intermediate rows will take care of the greater majority of perennials. These varieties are located so as to avoid color clashing and to produce a harmonious whole. Also, choose them with regard to variation of bloom.

The roots may be planted in early Spring or in Autumn when the soil is not cold, wet or soggy. Any good soil, sensibly enriched with rotted manure, bone meal, or sheep manure, dug deep and thoroughly mixed, will be satisfactory. The beds should be kept weeded and occasionally stirred. The large growing varieties often need staking and tying when they reach maturity.

Achillea - Milfoil or Yarrow

Plants suitable for dry sunny places.

Achillea millefolium rosea. (18 in.). July-October. Rosy pink flowers in dense heads. Effective on edge of shrubbery or in border.

A. ptarmica, Boule de Neige. (12-24 in.). Pure white, double flowers all Summer. Best for borders.

A. tomentosa. (6-8 in.). July-September. Bright yellow flowers. Excellent for rockeries.

Aconitum - Monkshood

Bold spikes of hood-shaped flowers thriving in sun or shade. Tubers cannot freeze.

Aconitum Fischeri. (23-36 in.). September-October. Dark blue flowers. 50c each; \$4.50 per 10.

Ajuga - Bugleweed

Ajuga genevensis. (6-8 in.). A useful plant for rockery and carpet in shady places. Blue flowers in May and June.

Alyssum - Rock Madwort

Alyssum saxatile compactum. (12 in.). Broad masses of bright yellow flowers in early Spring. An excellent plant for rockery or front of borders. Prefers a well drained, sunny position.

Here are Iris, Foxglove, Liatris, Campanula, Delphinium, gorgeous Oriental Poppies and many other flower friends to welcome you.

Anchusa - Alkanet

For producing a mass effect of brilliant blue, the Anchusas cannot be surpassed. They reproduce themselves from self-sown seed.

Anchusa italica. (3-5 ft.). Rich blue flowers in May and June. Very effective in background of beds and borders. After blooming should be cut back; they will open bloom the second time.

A. mysotidiflora. (10-12 in.). A distinct, dwarf perennial with clusters of charming blue flowers resembling Forget-me-nots. Effective rock plant for shady places. May flowering. 50c each; \$4.50 per 10.

Anemone - Windflower

Anemone japonica. Valuable plants, growing rapidly and profuse bloomers, giving strength and beauty each year. Blooms September-October. Good for cut flowers. Plant in partial shade.

Aquilegia - Columbine'

The Aquilegias are a very important part of the hardy garden. Their period of bloom covers late Spring and early Summer, making themselves at home in any hardy border or rockery.

Aquilegia alpina. True dwarf species, growing one foot high. Deserves to be planted largely on every rockery for its beautiful soft blue, or blue and white flowers.

A. coerulea. (24 in.). Blue shades. One of the finest with long spurs.

A. chrysantha. (24 in.). Beautiful, golden yellow flower blooming for two months.

A. Long-Spurred Hybrids. A very fine selection of long-spurred flowers, including pink shades only.

A. vulgaris Hybrids. The common species with blue, purple, white or red flowers borne on short spurs.

Arabis - Rock Cress

Arabis alpina. One of the most common of the rock plants for sunny position. Pure white flowers in dense masses.

Anthemis - Marguerite

Anthemis tinctoria. Large, finely cut foliage; golden yellow flowers all Summer. Succeeds in poorest soil.

ALL PERENNIALS, EXCEPT WHERE NOTED:

25c each; \$1.00 per 5; \$15.00 per 100.

Quantity Prices Apply Only When Plants Are of One Variety.

Is the path to your door as inviting as this? Perennial borders are full of beauty from early Spring till Winter.

Armeria - Thrift

Dwarf plants forming evergreen tufts; dense flower heads emerge on stiff, wiry stems from early Spring until late Fall. Very useful in rockery and border edgings.

Armeria formosa. (6-8 in.). Very pretty edging plants bearing rosy pink flowers.

A. maritima. (3-6 in.). May-June. Valuable for edging; flowers pale pink; foliage grasslike.

Arundinaria - Arrow Bamboo

Arundinaria japonica. (12-15 ft.). A hardy garden Bamboo, growing rapidly. Leaves one foot long, tapering, smooth and shining. Makes fine clumps when sheltered from strong winds. \$1.00 each.

Asclepias - Butterfly Weed

Asclepias tuberosa. (30 in.). Attractive native plant, flowering during July and August. Umbels of bright orange colored flowers.

Aster - Michaelmas Daisies

Most are excellent material for border. They are splendid for cutting.

Aster alpinus. (6-10 in.). Valuable rock plants, bearing large, violet-rayed, handsome heads; May-June.

A. alpinus albus. (6-8 in.). Similar to above, but bearing single, white flowers.

A. amellus elegans. Long, graceful sprays of soft lavender. Good for the border; flowering in August.

A. erica. (3-4 ft.). A beautiful, clear pink with large, semi-double flowers.

A. roseum. (3-4 ft.). Almost red and a profuse bloomer. September.

Astilbe - Spirea

Hybrids of very vigorous growth. Many feathered heads of flowers, June and July. They prefer a half-shady position.

Astilbe, Betsy Cuperus. (5 ft.). A splendid new variety. Fine drooping flower spikes, two feet long. White flowers with pink eyes. \$1.00 each.

A. Marguerite Van Rechteren. (5 ft.). The very fine fringed flowers are bright red tinged with dark lilac. Flower stems over 3 feet in length. \$1.00 each.

Baptisia - False Indigo

Baptisia australis. (24 in.). Dark blue, pea-shaped flowers in June. Very attractive foliage.

Belamcanda - Blackberry Lily

Belamcanda chinensis. (18 in.). Very handsome lily-like flowers of orange, spotted with purple-brown. Requires rich soil.

Campanula - Bellflower

Campanula carpatica (Carpathian Harebell). (6-12 in.). Grows in compact tufts. Flowers clear blue, on wiry stems, June-October. An unsurpassable border and rockery plant.

C. persicifolia grandiflora coerulea. One of the finest of the hardy Bellflowers; grows 2 to 3 feet high, with large, blue flowers.

C. medium (Canterbury Bells). Biennial. Profusely covered with large, bell-shaped flowers; extremely showy in mixed borders. Height 3 feet. Flowers in July, in blue, rose or white.

Cerastium - Snow-in-Summer

Cerastium arvense compactum. (2 in.). Green foliage, white flowers, good for carpeting dry places.

C. tomentosum. Silver-white foliage producing abundance of snow-white flowers. Good for rockeries.

Special Perennial Collections

Fifty Perennials suitable for hardy border, some will bloom from Spring to Fall, in 25 varieties, our selection \$8.00

One hundred Perennials suitable for hardy border, some will bloom from Spring until Fall, 25 or 50 varieties, our selection \$15.00

Chrysanthemum Maximum—Shasta Daisies.

Chelone - Shellflower

Chelone Lyoni. (24 in.). Numerous spikes of large, showy purplish red flowers, Summer and Fall.

Cimicifuga - Snakeroot

Cimicifuga racemosa. (4-6 ft.). Handsome, shade-loving plants. Spikes of pure white flowers from July to August.

Chrysanthemum

Chrysanthemum hortorum (Common Chrysanthemum). These Chrysanthemums are perfectly hardy if grown in a place not too wet. After through flowering, cut dead stalks down to within 3 inches of ground and cover with leaves. In Spring divide the roots.

Bronze	White	Yellow	Mixed
C. maximum (Shasta Daisy). Among the most useful of the garden flowers, greatly improved in size and form. Valuable for its profusion of white flowers.			

C. coccineum (Pyrethrum). (Painted Daisy). Very easily cultivated. Perfectly hardy and absolutely invaluable for cut flowers, through Summer and Fall. Profusion of variable colored flowers. Prefers full sun.
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Convallaria - Lily-of-the-Valley

Very popular and fragrant white flowers. Good for massing along shaded borders.

Coreopsis - Tickseed

Coreopsis grandiflora. (2-3 ft.). Improved variety with bright yellow flowers. Fine for cut flowers all Summer.

Delphinium - Larkspur

Delphiniums are the most beautiful and hardy plants in cultivation. The varieties improve yearly in size, beauty and quantity. If spikes, having flowered, are cut to the ground, a succession of flowers may be had from Spring to early Autumn.

Delphinium belladonna. Our best blue cut flowers. The light blue combines especially well with other flowers. Numerous long spikes produced three times in a season.

D. formosum coelestinum. A very beautiful large, light blue flower. Height three feet.

ALL PERENNIALS, EXCEPT WHERE NOTED:
25c each; \$1.00 per 5; \$15.00 per 100.
Quantity Prices Apply Only When Plants Are of One Variety.

DELPHINIUM—Continued.

D. Gold Medal Hybrids. A wonderful improved type of Delphinium. The spikes frequently attain a height of 6 feet and are very symmetrical in form. Colors range from pale lilac through the shades of blue to pansy-violet.

D. English Hybrids. Large, rich, dark blue flowers borne on spikes about 4 feet in height. Foliage very rough and interesting. These are all grown from imported seeds. 35c each; \$3.00 per 10.

Delphinium Wrexham. One of the finest strains of Delphiniums ever produced. Varied in colors. Some plants grow to a height of 4 to 5 feet. **Strong plants, 50c each; \$4.50 per 10.**

Dianthus - Pinks

A garden is incomplete without the spicy fragrance of the Hardy Pinks. They are great favorites for edging flower beds, garden walks and drives. Perfect form and rich color.

Dianthus barbatus. Producing great masses of bloom of extremely rich and varied colors. The lasting flowers are fine for cutting.

D. caesius (Cheddar Pink). (4-10 in.). Very compact in growth. Sweet smelling, rose colored flowers in May. Fine for rock garden.

D. deltoides (Maiden Pink). A little plant with narrow leaves, bearing a profusion of small, crimson flowers. June-July. Easily grown on rockery.

D. deltoides alba. A white form of the above.

D. plumarius (Clove Pink). Pink, purplish and white, fragrant flowers on long spikes. For border or rock garden.

ALL PERENNIALS, EXCEPT WHERE NOTED:

25c each; \$1.00 per 5; \$15.00 per 100.

Quantity Prices Apply Only When Plants Are of One Variety.

Delphinium—Larkspur.

Dicentra - Bleeding Heart

Dicentra spectabilis. An old-fashioned favorite. Long racemes of graceful, heart-shaped, pink flowers, in May and June. Good in part shade. 50c each; \$4.50 per 10.

Digitalis - Foxglove

An unsurpassable plant for its stateliness and beauty. Extremely effective.

Digitalis gloxiniaeflora. (3-4 ft.). June and July. A popular variety of robust habit. Deep purple.

D. purpurea. (4-6 ft.). Similar to above, flowers a little smaller.

EULALIA (See Miscanthus)

Eryngium - Sea Holly

Eryngium glaucum roseum. Finely cut, spiny foliage and thistle-like heads of pink flowers. Very decorative in the borders.

Eupatorium - Hardy Ageratum

Eupatorium coelestinum. (12-24 in.). Light purple flowers, similar to the ageratum. August until frost.

Festuca

Festuca glauca (Blue Fescue Grass). Ornamental grass. Grown for dense tufts of very narrow bluish leaves. Used for edging. Desirable for rock garden.

FUNKIA (See Hosta)

Gaillardia - Blanket Flower

Gaillardia grandiflora. (2-2½ ft.). Flowers dark red-brown center, petals marked with rings of brilliant crimson, orange and vermillion.

Geum - Avens

Geum, Mrs. Bradshaw. (18 in.). A splendid variety, with large, double, fiery-red flowers, nearly all Summer.

Gypsophila - Baby's Breath

Gypsophila paniculata. (2-3 ft.). Very branching or spreading with scant foliage when in bloom. Minute white flowers have a gauzelike appearance. July-August.

G. Bristol Fairy. (New). Larger panicles of flowers of larger blossoms of pure white. Almost continuous flowering. \$1.00 each.

Helenium - Sneezewort

Tall growing plants closely allied to the Sunflower, bearing in late Summer and Fall, great masses of large, daisy-like flowers.

Helenium autumnale. (5-6 ft.). Lemon-yellow to a bright yellow.

H. Riverton Gem. (New). Old gold, suffused with bright terra cotta, changing to a red.

Helianthemum - Sun Rose

Low-growing evergreen plant. In July to September are hidden by a mass of blooms. For the rockery or a dry, sunny bank. Potted plants.

Helianthemum, Ball of Fire. Red.

H. Rosy Gem. Pink.

Helianthus - Hardy Sunflower

Helianthus multiflorus fl. pl. (4 ft.). The perennial Sunflower of clear yellow, closely resembling a Dahlia in shape and finish. Should have plenty of room. Profuse bloomer, producing a grand effect.

Hemerocallis - Yellow Day Lily

Old favorites of our gardens. The tall, graceful, grass-like foliage is very handsome, setting off the lily-like flowers. Thrives well in shade.

Hemerocallis aurantiaca. (36 in.). A very fine, double, orange-yellow, blooming from June to September. 40c each; \$3.60 per 10.

H. flava. (30 in.). Sweet scented, clear, full lemon-yellow in June.

H. fulva. (36 in.). A copper-orange, shaded crimson.

H. kwanso fl. pl. A large, double-flowered variety with rich golden bronze flowers. 40c each; \$3.60 per 10.

Hosta - Funkia

Hosta variegata. Variegated foliage; blue flowers. Beautiful edging plant.

H. subcordata grandiflora (August Lily). Very large, pure white, lily-shaped, fragrant flowers in August and September.

H. coerulesa (Plantain Lily). Broad, green, massive foliage is very attractive. Blue flowers in July and August. Succeeds in sun or shade.

Hepatica - Wood Anemone

Hepatica coerulesa. Native Spring-flowering plants with blue flowers. Prefers shade.

Heuchera

Heuchera macrantha Hybrids. (24 in.). A valuable hybrid strain. Flowers freely produced in large panicles, varying in color from pale pink to vivid crimson. Very robust plants. Excellent for massing in the border and for cutting.

H. sanguinea (Coralbells). (12-18 in.). Beautiful plant for front of borders. Slender, fairy-like spikes of bright crimson. Very free flowering. Excellent for rock garden.

Hibiscus - Giant Marshmallow

Improved type. Spreading growth up to 7 feet. Immense, single, bell-shaped flowers during late Summer. Large clumps, in five colors. **50c each; \$4.50 per 10.**

Hollyhocks - Althea Rosea

An old garden favorite, require a rich soil and a sunny position. One of the most stately, picturesque and beautiful plants. In five colors: White, pink, yellow, red and orange.

Iberis - Hardy Candytuft

Most desirable dwarf plants with evergreen foliage. Completely hidden by flowers in early Spring.

Iberis gibraltarica. (12-15 in.). Outer flowers pink, inner ones white. One of the most striking and a variety much sought after.

I. sempervirens. (8-10 in.). Covered with a sheet of white flowers. A particularly fine rock plant.

Iris Germanica - German Iris

The Iris is one of the finest, if not the finest of our hardy plants. They are not particular as to soil or location as long as the sun shines on them. Marvelous, delicate spikes of bloom are produced; very dainty and wonderful in their blendings. We have these Iris in 50 different varieties. All colors.

Iris Kaempferi - Japanese Iris

The Japanese Iris is a most gorgeous sight when in bloom. Having once seen them one can never forget their striking beauty. The flowers are borne in profusion after the German Iris are through.

Iris, Astarte. A beautiful dark violet.

I. Gold Bound. A fine, double, pure white with creamy glow and gold banded center.

I. Hercule. A double clear lilac blue.

I. Mahogany. Large, double flowers, the latest to bloom. Purple-mahogany-red.

I. Purple and Gold. Enormous double flowers, ten inches across, color a rich purple with violet.

I. Uchiu. Cerulean blue with golden center. One of the largest.

All Japanese Iris, **50c each; \$4.50 per 10.**

Iris Pumila

Beautiful little Irises, growing not over 4 inches high and bloom in April and May. They are fine for bordering flower beds or planting in front of tall Irises.

Iris cristata. Dainty native creeping species only 3 inches in height. Flowers a rich amethyst-blue in May.

I. excelsa. A splendid pale lemon-yellow.

I. Fairy. Pale blue, very dwarf.

Lavandula - Lavender

Lavandula vera. The true Sweet Lavender; grows about 18 inches high; delightfully fragrant, blue flowers in July and August. Should be grown extensively in every mixed border.

Lathyrus - Hardy Sweet Pea

Lathyrus latifolius. These Everlasting Peas are great favorites. Extremely showy and fine, charming climbers for covering trellises, arbors, etc. Red.

Linum - Flax

Linum perenne. (2 ft.). Very attractive foliage and beautiful pale blue flowers.

Liatris - Gay Feather

Liatris pycnostachya (Kansas Gay Feather). Attracts much attention due to unusual appearance and beauty. Throws up long, narrow spikes of rich purple flowers, lasting a long time. Attraction for butterflies.

ALL PERENNIALS, EXCEPT WHERE NOTED:

25c each; \$1.00 per 5; \$15.00 per 100.

Quantity Prices Apply Only When Plants Are of One Variety.

Lilium - Lilies

Lilium auratum (Gold Banded Japan Lily). (3-5 ft.). One of the finest Lilies. Large, graceful, fragrant flowers of delicate ivory-white, thickly studded with chocolate. Crimson spots and golden yellow stripes through the center. **50c each; \$4.50 per 10.**

L. candidum (Madonna Lily). This is the old-fashioned garden Lily and one of the most beautiful. Delicately fragrant, pure waxy white; anthers yellow. Supplied only in the Fall. **45c each; \$4.00 per 10.**

L. Regale (The Regal Lily). Absolutely hardy and excellent for forcing. White flowers slightly suffused with pink with beautiful shade of canary-yellow at center. Delightfully perfumed. July. **50c each; \$4.50 per 10.**

L. speciosum roseum (Showy Lily). Flowers delicately fragrant, white, suffused rose-pink in the center and spotted blood-red, with a green stripe at the base. Very beautiful, robust and permanent. **40c each; \$3.60 per 10.**

L. umbellatum (Western Orange-cup Lily). Of easy culture, grows two or three to five feet. Upright scarlet flowers, dotted black. **50c each; \$4.50 per 10.**

Iris.

Lobelia - Indian Paint Brush

Lobelia cardinalis (Cardinal Flower). (24-30 in.). Handsome border plant. August till late September. Rich, fiery, cardinal-red flowers.

Lupinus - Lupine

The Lupines produce beautiful long spikes of pea-shaped flowers a foot long on stems three feet high. Perfectly hardy, but cannot endure drought.

Lupinus polyphyllus. (3-4 ft.). A clear blue flower. June to September.

L. polyphyllus roseus. A splendid variety with beautifully shaded rose flowers.

Lythrum - Purple Loosestrife

Lythrum superbum roseum. Very showy. Splendid for banks of streams and ponds. Willow-like leaves. Large flowers, rose color. July-September.

Lychnis - Agrostemma

Lychnis coronaria (Mullein Pink). (2½-3 ft.). Stout, erect-growing plants, with silvery foliage contrasting with the bright rosy crimson flowers. June-July.

L. alpina. (4 in.). Very dwarf and pretty plant for the rockery. Clusters of brilliant rose colored flowers in Spring and early Summer.

L. viscaria splendens. A good brilliant red.

Miscanthus - Eulalia

Miscanthus sinensis gracillimus (Japan Rush). (6-7 ft.). Ornamental grass. Graceful habit with very narrow foliage of a bright green color with a silvery midrib. Clumps, 50c to \$1.50.

M. sinensis variegata. Very ornamental; long, narrow leaves, striped green, white, and often pink or yellow. Clumps, 50c to \$1.50.

Mertensia - Bluebells

Mertensia virginica. (12-18 in.). An early Spring-flowering plant. Blue flowers fade to clear pink. Very interesting.

Monarda - Bergamot

Monarda didyma. (2-3 ft.). Showy plants with aromatic foliage. Brilliant crimson-scarlet flowers. June-August.

Myosotis - Forget-Me-Not

Myosotis palustris. Charming in the border, rock garden, or waterside. Likes shade and moisture. Charming blue flowers with yellow eye. Profuse bloomer.

ALL PERENNIALS, EXCEPT WHERE NOTED:
25c each; \$1.00 per 5; \$15.00 per 100.

Quantity Prices Apply Only When Plants Are of
One Variety.

Peonies.

Papaver Orientale—Oriental Poppy.

Nepeta - Ground Ivy

Nepeta Mussini. (12-18 in.). Especially useful in rock garden. Dwarf, compact habit, producing masses of blooms of a beautiful shade of lavender.

Oenothera - Evening Primrose

Oenothera missouriensis. (10 in.). June-August. Bright yellow, solitary flowers. Elegant for sunny positions. A profuse bloomer.

Papaver - Poppy

Papaver nudicaule (Iceland Poppy). Neat habit of bright green, fernlike foliage, producing the entire season a profusion of charming, cuplike flowers in white, yellow or orange-scarlet.

P. orientale (Oriental Poppy). (3-3½ in.). Tremendous, cup-shaped blooms surpassing other perennials in splendor of bloom and gorgeous display of color in May and June. Orange, salmon-pink and white.

50c each; \$4.50 per 10

Peonies

The Peony, very hardy and good bloomer, is very adaptable and satisfactory. A good rich soil, open, sunny position and plenty of water are their requirements. Plant the roots so that the crowns are barely covered with soil. The figures following the name indicate the rating by American Peony Society.

Albert Crousse. 8.6. Very fresh salmon-pink, delicate color. Large, compact, ball; fragrant. Late. \$1.00 each

Baroness Schroeder. 9.0. Rose type; late. White with shading of flesh. Immense flowers; fragrant. Very fine. \$1.50 each

Edulis Superba. 7.6. Dark pink, even color. Large, loose, flat crown when fully open, gradually fading to white. Very fragrant; early bloomer. 75c each

Festiva Maxima. 9.3. Paper-white with crimson marking in center. Very large and full. Very tall, strong grower. Early. 75c each

PEONIES—Continued.

Karl Rosenfield. 8.8. Very large flower, semi-rose type. An early red having no equal. Tall, free-flowering, vigorous grower. **\$1.75 each**

Madame Ducl. 7.9. A large, light mauve-rose flower with silvery reflex. Fragrant. Very free, strong grower. **\$1.00 each**

Mons. Jules Elie. 9.2. Peerless pure pink. One of the largest, handsomest and lasting cutting varieties. **\$1.00 each**

Richardson Rubra Superba. 7.2. Deep carmine-crimson. Large, fragrant, rose type. Very late. **75c each**

Sarah Bernhardt. 9.0. Tall, compact late Peony. Uniform mauve-rose with silvery tips. **\$1.25 each**

Phlox Decussata - Hardy Phlox

Hardy Perennial Phlox can be used to great advantage in the border. Their neat habit, bright colored flowers, profusion of bloom and ease of culture make them favorites everywhere.

B. Comte. Tall growing; large heads of rich satiny amaranth flowers. Very brilliant Phlox.

Commander. A brilliant, deep crimson-red with slightly darker eye. 24 to 30 inches high. A great favorite.

Crepuscle. Silvery mauve with crimson center. 30 inches high.

Miss Lingard. Blooms a month earlier than other varieties. Beautiful, long, shiny green foliage, absolutely free from disease. Large heads of white flowers with pink shading in center. June-October.

Mrs. Jenkins (Independence). Pure white, late flowering. Very dependable; old favorite.

Rheinlander. Excellent habit. Large flower heads of beautiful salmon-pink.

Rijnstroom. Good strong grower. Heavy trusses of lively rose-pink flowers.

Rosenberg. Tall grower; large trusses of wine-purple flowers.

R. P. Struthers. Rose-carmine with red eye.

S. France. Beautiful, even trusses of tender rose to bluish pink flowers with large eye of carmine-rose.

Ther. A beautiful shade of deep salmon-pink overlaid with a scarlet glow with small, red eye.

Phlox Subulata - Moss Pinks

Early Spring-flowering with pretty mosslike, evergreen foliage hidden by mass of bloom in April and May. Excellent plants for the rockery.

Phlox subulata alba. Pure white.

P. subulata lilacina. Light lilac.

P. subulata rosea. Light pink.

Pentstemon - Beard Tongue

Pentstemon barbatus, Pink Beauty. (30 in.). Very useful and showy. June-July. Numerous spikes of bright, clean, shell-pink. A beautiful cut flower.

Physostegia - False Dragonhead

Physostegia virginica. (3-4 ft.). Long spikes of delicate pink flowers, tubular in form. July and August.

P. virginica, Vivid. Blooms three weeks later with a deeper pink, and larger flower.

Platycodon - Balloon Flower

Platycodon grandiflora. (18 in.). Large deep blue flowers. June to October. Good for rock garden and border.

P. grandiflora alba. White-flowered form of the above.

Plumbago - Leadwort

Plumbago larpenae. (6-8 in.). Very desirable border and rock plant. Dwarf, spreading habit, covered with deep blue flowers Summer and Fall.

Primula - Hardy Primrose

Primula cashmeriana. Large, globular heads of pleasing purplish blue shade. Prefers a moist, shady position.

P. polyanthus (Bush Primrose). An indispensable Spring flower; good in the wild garden and rockeries.

PYRETHRUM ROSEUM (See Chrysanthemum Coccineum)

Rudbeckia - Coneflower

Rudbeckia speciosa. (2-3 ft.). Free flowering, somewhat akin to the sunflower in habit. Orange-yellow flowers with black cones. August-September. Good for cut flowers.

R. purpurea (Echinacea purpurea). (3 ft.). Peculiar reddish purple flowers with large brown cone center. July-October.

Salvia - Meadow Sage

Salvia azurea. (3-4 ft.). The greatest profusion of pretty sky-blue flowers during August and September.

Saxifraga - Megasea

Saxifraga cordifolia. (12 in.). Will thrive in any soil and position. Forms masses of handsome, broad, deep green foliage; very useful. Flowers clear rose in early Spring. Fine among rocks or ledges.

Sedum - Stonecrop

The dwarf varieties are charming plants for sunny positions in the rockery, while the taller varieties add interesting color in the border. They thrive in any soil, and may be considered the backbone of American rock gardens.

Sedum acre. (Golden Moss). (3 in.). Green foliage, bright yellow flowers. May to June.

S. Aizoon. (12 in.). Bright yellow flowers. July and August.

S. album. (3 in.). Dwarf and spreading; thick, waxy, round foliage, white flowers. May and June.

S. dasyphyllum. (2-4 ft.). Crowded leaves studded with crystalline pimples. Flowers white to pink. Excellent for rockeries.

S. ellacombianum. (10 in.). Bright, evergreen foliage; yellow flowers. June-July. Very good rock plant.

S. hispanicum. (4 in.). Pinkish white flowers. July. Greenish gray leaves becoming reddish.

S. kamschatcicum. (8 in.). Orange-yellow flowers, with prostrate green foliage turning golden in Autumn.

S. reflexum. (8-10 in.). Flowers yellow.

Special Rock Plant Collections

Fifty Rock plants in 15 varieties, not including evergreens, suitable for small Rock garden, **\$8.00**

Special Rock plant collection, not including evergreens, 100 Rock plants in 25 varieties, **\$15.00**

See list on page 14.

Sedum in Border.

Yucca Filamentosa—Adam's Needle.

SEDUM—Continued.

- S. sarmentosum*. (2 in.). The best variety for filling seams between rocks in the wall garden; rapid grower. Bright yellow flowers.
- S. sexangulare*. Very dark green foliage with yellow flowers.
- S. spectabilis*. (18 in.). Flowers pinkish in large, flat-topped cymes. Showiest of Sedums and an excellent border and garden plant.
- S. stoloniferum spurium*. (6 in.). Numerous lilac flowers. July.
- S. stoloniferum coccineum*. (6 in.). Purplish pink flowers. July and August.
- S. anglicum*. (3 in.). Evergreen, dense mass, becoming red tinged; flowers white or rosy tinted.

Sempervivum - House Leek

Curious and interesting plants, forming rosettes of succulent leaves of varying colors. Good for rockeries, dry banks or walls.

SHASTA DAISY (See *Chrysanthemum Maximum*)

Sidalcea - Greek Mallow

Sidalcea, Rosy Gem. (2-3 ft.). Erect growing, branching plants producing pretty, bright, rose colored flowers during June and July. Thrives in any soil in a sunny position.

Silene - Catchfly

Silene schaffa. (4-6 in.). A charming border or rock plant with masses of bright pink flowers. July to October.

SPIREA (See *Astilbe*)

Thalictrum - Meadow Rue

Thalictrum adiantifolium. Beautiful variety with foliage like the maidenhair fern. Miniature white flowers in June.

Thymus - Thyme

A perfect, close, fragrant carpet on hot, dry, sunny banks where grass is difficult to grow. A sheet of blossom in June and July.

Thymus citriodorus. Golden yellow form.

T. citriodorus aurea. Golden-leaved form of above.

T. lanuginosus. Woolly foliage with bright pink flowers.

T. vulgaris. Small lilac or purplish flowers.

Veronica - Speedwell

One of the most beautiful subjects of the hardy garden and rockery. Thrive in an amazing manner in full sun.

Veronica incana. (12 in.). White, woolly plant with numerous pale blue flowers. July to September. Good foliage.

V. rupestris. (3-4 in.). Fine rock plant; thickly matted, deep green foliage. A cloud of bright blue flowers in June.

V. spicata. (18 in.). Long spikes of violet-blue flowers. June and July.

V. spuria, Royal Blue. (4-6 in.). Beautiful spikes of rich gentian-blue flowers. June and July.

V. longifolia subsessilis. (24 in.). Handsome, blue flowering. July to September. Fine for cutting and very good for the border.

Viola - Violet

The best edging plants for the hardy border, remaining in bloom from May till October by shearing several times during the season.

Viola cornuta, Mauve Queen (Tufted Pansies). (8 in.). Pale blue, sweet scented flowers.

V. cornuta alba. White form of the above.

V. Jersey Gem. Dwarf habit and continually blooming. Vigorous. A pure, rich violet; slightly perfumed.

Yucca - Adam's Needle

Yucca filamentosa. (6 ft.). Unequaled among hardy plants for striking effect in lawns, rockeries or dry banks where few other plants will thrive. Immense spikes of creamy white flowers in June and July. Broad, sword-like, evergreen foliage. 50c to \$1.00 each.

ALL PERENNIALS, EXCEPT WHERE NOTED:
25c each; \$1.00 per 5; \$5.00 per 100.

Quantity Prices Apply Only When Plants Are of One Variety.

Veronica.

Hardy Nymphaeas or Water Lilies

WATER-LILIES and aquatics are fast making their charms a necessity in every garden, little or big. Their culture requires only sun, water, and good soil. The soil should be a good garden soil, mixed at the ratio of four parts of soil with one part of well-rotted cow manure and five parts soil with one part sand. The tubs or boxes in which the lilies are planted should be well perforated with holes and submerged so the top of the soil is from 8 to 10 inches below the surface of the water. The hardy lilies may be planted any time during the growing season until August.

AURORA. Flowers soft rosy yellow on first day, changing to deep red on the third day; stamens orange. \$2.25 each.

EUGENIA DE LAND. A grand variety with extra large, floating flowers. Petals large and lancolate. Flowers are an exquisite shade of deep rose-pink with stamens. Vigorous and free-growing plant. \$1.75 each.

MARLIAC WHITE. Vigorous variety, large flowers of sparkling whiteness; stamens light yellow, petals flushed pink; fragrant and freely produced. \$1.75 each.

YELLOW PYGMY. A small Lily of rich golden yellow. Leaves are pleasingly mottled and flecked with chocolate. \$1.25 each.

Tropical Water Lilies

These Water Lilies are tender. They are only good one season, unless protected.

BLUE BEAUTY. Large deep blue flowers, a foot across, with yellow stamens. Freely produced. Leaves slightly speckled with brown above. Very choice. \$2.75 each.

MRS. C. W. WARD. A charming variety with rich rose-pink petals; a mass of golden stamens. Flowers are borne well out of the water in great profusion. \$2.25 each.

Night Bloomer

RUBRA ROSEA. The most productive of all the Nymphaeas. A rosy carmine flower, quite star-shaped. The petals are broad at their base and taper to a long point. A very desirable Lily. \$1.75 each.

Bulbs, Tulips, Crocuses, Etc.

In the Fall of the year, at the proper planting time, we offer a very complete line of bulbs (tulips, crocus, hyacinths, etc.). They are the best grade of bulbs money can buy and are directly imported from Holland. Ask for our special bulb list.

Lawn Seed

We mix our own lawn seed to meet the most fastidious taste of our clients. Made to give a good turf in a few weeks and with a reasonable amount of care will give a permanently beautiful lawn.

For New Lawns. One pound is sufficient for 30 square yards; 10 pounds for 300 square yards.

For Re-Seeding Old Lawns. One-half the above amount.

REGULAR LAWN MIXTURE. 65c per lb.; 10 lbs., \$6.00.

SHADY MIXTURE. 90c per lb.; 10 lbs., \$8.50.

BENT GRASS stolons supplied. Prices on application.

Large Tree Moving

Estimates will be gladly given on the cost of moving your large trees. We also have a supply of large trees for sale, which are moved and sold with a guarantee. Why wait twenty years for shade?

Aquatic Plants

We have a choice selection of Water Lilies suitable for this climate. See list above.

Fences

For the convenience of our customers we have the exclusive agency for the popular English Hurdle Fence. Ideal for farms, country estates, country clubs, etc.

HURDLE FENCE. 5 rail, 40c per ft.; 4 rail, 35c per ft.

POST RAIL FENCE. 4 rail, 40c per ft.; 3 rail, 35c per ft.

Shipping charges not included.

Garden View Lawn Dressing

Garden View Lawn Dressing is a scientific plant food prepared by us under Government license, to be used in connection with our landscape work. It contains carefully blended fertilizers, especially adapted for lawn, also ideal for flowers, bushes or trees.

To obtain best results Garden View Lawn Dressing should be applied in early Spring, 100 pounds to from 100 to 150 square yards of grass. The average home grounds require from 200 to 400 pounds. A light application, half of the above amount, may be used in Summer and Fall.

Complete instructions furnished with each order.

Price, 50-lb. bags, \$2.00; 100-lb. bags, \$3.50; 1 ton, \$60.00.

Garden Furniture

Our supply of Garden Furniture is extensive and varied, giving our customers a wide range of choice in design and price. Will be glad to submit prices.

The Privets make attractive, serviceable hedges, and the cost is surprisingly reasonable.

Hedge Plants

JAPANESE BARBERRY. Unsurpassed where a small hedge is wanted. May be trimmed formal or allowed to grow natural. The small, thorny branches will make a very compact hedge, attractive foliage, turns red in Fall, and is followed by small, red berries all Winter. Plant from 1 foot to 18 inches apart. 1 to 1½ ft., \$20.00 per 100; 2 to 2½ ft., heavy, \$40.00 per 100.

CALIFORNIA PRIVET. An old favorite, and one of the best known plants where formal hedge is wanted. In very severe Winters this plant will freeze to the ground, breaking out again the following Spring from the roots. Plant in single rows, 8 inches apart. 12 to 18 in., \$5.00 per 100; 2 to 3 ft., \$8.00 per 100.

IBOLIM PRIVET. A recent introduction similar to the California Privet, only more hardy. 18 to 24 in., \$10.00 per 100.

REGEL'S PRIVET. Also known as Japanese Privet. It is perfectly hardy, of most beautiful pendulous habit and splendid foliage. Will thrive in sun or shade. Will grow to heights of 8 to 10 feet and spread almost as great. Can be kept closely trimmed where wanted.

Plant 1 foot to 18 inches apart. 1½ to 2 ft. \$30.00 per 100; 2 to 2½ ft., \$50.00 per 100.

CHINESE PRIVET. The attractive, glossy foliage of this Privet will retain its good color until late in Winter. Adapted for small hedge, to border flower gardens. When trimmed closely the foliage somewhat resembles the boxwood. Plant in single rows 8 inches apart. 1½ to 2 ft., \$20.00 per 100; 3 to 4 ft., \$50.00 per 100.

FRAGRANT BUSH HONEYSUCKLE. This plant is unsurpassed where tall, natural border is wanted. The fragrant flowers appear in early Spring, resembling the orange blossoms; followed by good, glossy foliage, retained through most of the Winter. Plant 18 inches apart. \$60.00 per 100.

SPIRAEA VAN HOUTTEI. Also known as Bridal Wreath. A graceful shrub grown to heights of 6 to 8 feet. The enormous arching branches are covered with white flowers in late Spring. Where trimming is necessary, it should be done immediately following the flowering period. Plant one foot apart. 2 to 3 ft., \$25.00 per 100; 3 to 4 ft., \$50.00 per 100.

Ferns

Hardy Ferns make beautiful massed plantings for shady places, along walks, and in shady corners of the rock garden. Some of the larger varieties will grow in ordinary garden soil, but better results will be had by having a porous soil with plenty of leaf mold. Ferns may be planted either in Spring or Fall, giving them a light mulch for protection during the Winter months.

FOR OPEN SUN CULTURE

Athyrium filixfemina (Asplenium) (Lady Fern). (2-3 ft.). Grows in shade or sun. 30c each; \$2.50 per 10.

Dicksonia punctilobula (Gossamer Fern). (1-2 ft.). Propagates itself by underground root stalks and if planted in rich, porous soil will soon form masses. Will grow in either sun or shade. 30c each; \$2.50 per 10.

FOR DRY SHADY PLACES

Aspidium acrostichoides (Wood Fern). (12 in.). An ever-green species with deep green, divided fronds. Will also do well in wet places. 30c each; \$2.50 per 10.

Osmunda claytoniana (Tuber-rooted Fern.) (2-3 ft.). In Spring clothed with loose wool. Will also do well in open position. 30c each; \$2.50 per 10.

FOR MOIST SHADY PLACES

Adiantum pedatum (Maidenhair Fern). (12-18 in.). For moist and well drained situations. 30c each.

Woodwardia virginica (Virginia Chain Fern). (2 ft.). Very graceful; can be grown in any garden soil. 30c each.

Athyrium thelypteroides (Asplenium). (Silvery Spleen Wort). (2-3 ft.). A thrifty Fern growing in any good garden soil. 30c each.

FOR WET OPEN GROUND

These are very suitable for border of a lake or low, wet ground.

Osmunda regalis (Royal Fern). (2-3 ft.). One of the prettiest large Ferns. Can be grown in still water 2 or 3 inches deep, setting the crowns just above the water. Also in moist soil in sun or shade. 30c each.

Oncoclea sensibilis (Sensitive Fern). (12 in.). Grows in wet places in sun or shade. 25c each.

Hardy Ferns make beautiful massed plantings.

Fruit Trees

THE HOME ORCHARD is coming back into popular favor, for who can resist the beautiful show of blossoms in the Spring and the joys of the luscious fruit in the Fall. For the small amount of attention given, the returns are multiplied a hundred fold. With modern spray equipment and methods success is assured.

We carry the choicest varieties of Apples, Pears, Peaches, Cherries, Plums, Quince and Grapes, which have proven successful growers in this section.

Apples

- EARLY HARVEST.** (Early). Pale yellow, sub-acid. A popular general-purpose variety. Regular bearer.
5 to 7 feet90c each
- MAIDEN BLUSH.** (Early). Grand favorite. Waxy yellow, red blush. Ripens over a long period.
5 to 7 feet90c each
- GRIMES GOLDEN.** (Fall). Yellow; best for quality and production.
5 to 7 feet90c each
- WEALTHY.** (Fall). Large, shaded to dark red. Tender and productive. Good quality
5 to 7 feet90c each
- BALDWIN.** (Early Winter). Red, large, fine quality. Commercial Apple of the East.
5 to 7 feet90c each
- DELICIOUS.** (Early Winter). Red, large, uniform in size. Very popular. Quality unexcelled.
5 to 7 feet90c each
- JONATHAN.** (Early Winter). Red; medium size and productive. Tree never large, but productive.
5 to 7 feet90c each
- BEN DAVIS.** (Late Winter). Striped red, large and attractive. Surest bearer, healthy, vigorous tree.
5 to 7 feet90c each

Cherries

- BLACK TARTARIAN.** The most popular of the sweet varieties. Large fruit, black and heart-shaped. Rich quality. Vigorous tree.
4 to 5 feet\$1.00 each
- MONTMORENCY.** (Early). Sour, dark red; juicy acid flavor. Very much similar to the Early Richmond, but far surpassing it.
4 to 5 feet\$1.00 each
- YELLOW SPANISH.** (Late). Large, yellow, firm and high quality fruit. Exceedingly popular around the whole world.
4 to 5 feet\$1.00 each

Quince

- ORANGE.** Large, roundish, bright golden yellow; cooks quite tender; excellent flavor.
3 to 5 feet\$1.00 each

Concord Grapes.

The Apple Harvest.

Peaches

- CHAMPION.** (Freestone). White-fleshed, with attractive red cheek, juicy. Good quality. August ripening.
4 to 5 feet60c each
- ELBERTA.** (Freestone). Beautiful yellow, large and shaded with deep red. August ripening. The most popular Peach.
4 to 5 feet60c each

Pears

- BARTLETT.** The favorite eating Pear. Beautiful yellow with soft blush. Very popular. August ripening.
5 to 7 feet\$1.25 each
- KIEFFER.** The most popular Pear of our section. Large, golden yellow fruit; flesh firm, crisp, and juicy. Free from disease and very productive. September.
5 to 7 feet\$1.25 each
- SECKEL.** Small, high quality, yellowish brown Pear. Juicy and sugary. September. Tree of slow growth.
5 to 7 feet\$1.25 each

Plums

- BURBANK.** (Late July). Violet to light purple fruit; large; flesh yellow and of excellent quality. Hardest and most prolific of the Japanese varieties.
5 to 7 feet90c each
- DAMSON.** A standard for years. Purple fruit.
5 to 7 feet90c each
- LOMBARD.** Medium sized fruit, bright purple in color and very good in quality. August.
5 to 7 feet90c each

Grapes

- CATAWBA.** (Red). Standard, late Grape of much popularity. Large shouldered bunches.
25c each; \$2.50 per 10
- CONCORD.** (Black). The best general-purpose Grape known. Large. Bunches shouldered and compact.
25c each; \$2.50 per 10
- DELAWARE.** (Red). Well known. Bunches and berries small, compact. Flavor unsurpassed.
25c each; \$2.50 per 10
- MOORE'S EARLY.** (Black). Extra early variety. Medium bunches, large berry and hardy. Very reliable.
25c each; \$2.50 per 10
- NIAGARA.** (White). The best white Grape. Bunches and berries large, meaty and juicy, flavor perfect. Well known.
25c each; \$2.50 per 10

Natorp Policies—Read before Ordering

It is our aim and desire to satisfy every customer and client. The big yearly increase in our business indicates that this policy has been successfully applied. No job or order is too small or too large for us.

Adjustments

In the handling of many thousands of orders each season there is naturally an opportunity for an occasional error. In every case where this occurs and the error is due to our mistake, we will promptly and cheerfully make correction. We should be notified immediately after the error is discovered.

Substitutions

There are times when an unexpected demand for certain varieties exhausts our supply and rather than hold up the shipment of the entire order we find it advisable to substitute the nearest match in plant and color. Our intimate knowledge of varieties, soils and growing conditions enables us to make changes which are profitable to our customers. If, however, you do not wish us to use our judgment in such cases, please mark your order "No substitution" and we will be governed accordingly.

Planting and Shipping Time

The regular planting season in this section of the country is from March 1st to June 1st and from September 15th to Christmas. It is advisable to place your orders as far in advance as possible so that we can take advantage of weather conditions in digging and delivery.

Planting "Out of Season"

Due to our scientific and improved methods, we are in a position to supply evergreens and plants throughout the year for your planting. This special service is often a big advantage for those whose building operations do not permit seasonal planting.

Guarantee

Should by chance any plant shipped by us be found not true to name, we will gladly replace it with the true variety or refund the purchase price.

We guarantee all our nursery stock to be first class and as described. We do not guarantee the stock to grow nor do we guarantee specific results. There are so many causes for failure, beyond our control, that we cannot assume responsibility after the shipment is delivered in good order to the transportation company. Improper planting, poor soil, bad weather conditions, lack of care and attention may all contribute to plant failure. We supply planting instructions with each order; but it is impossible for us to superintend the work except where we are specifically instructed to do the planting.

Terms

Cash should accompany all orders. We prefer not to make C. O. D. shipments. If credit is desired, please write to us before placing your order so that the necessary arrangements may be made.

On all orders under \$10.00 a small delivery charge is made within the Cincinnati limits. Minimum order, \$1.00. We advise truck delivery on large, out-of-town deliveries for which a small charge is made.

Customers who prefer to call at our nurseries for their purchases should send us their orders several days in advance in order to allow time for their preparation.

A booklet, *How to Plant*, in which detailed planting instructions are given, is included free with each order.

The WM. A. NATORP COMPANY

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