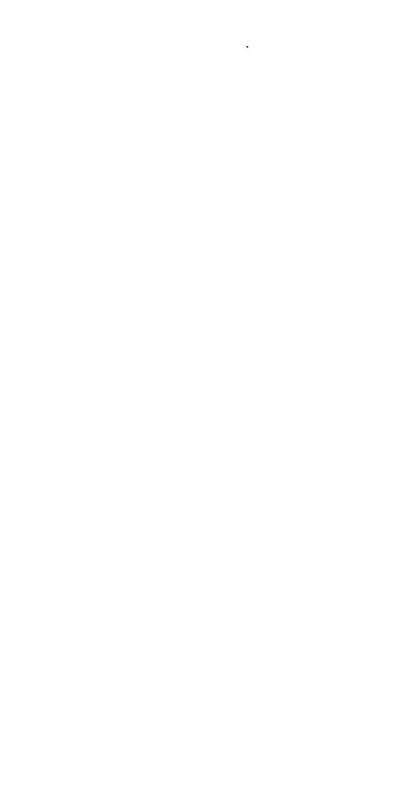
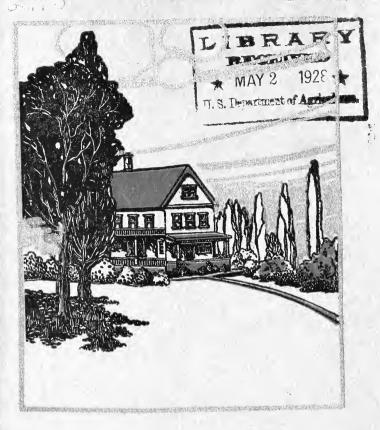
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Do not assume content reflects current scientific knowledge, policies, or practices.





# A. W. Smith Company

Keenan Bldg., Liberty and Sixth Aves. Pittsburg, Pa.



Evergreens, Trees, Shrubs Roses, Vines, Perennials



# Landscape Department



GREAT MANY American residence grounds are laid out and planted without the aid of professional advice. The result is usually unsatisfactory and often the expenditure would have secured the maximum of beauty combined with the maximum of utility, if directed by professional advice.

We make the plans, complete with specifications and estimates, furnish the necessary materials and perform all service required to do the work. We do any or all of these things satisfactorily as to results, moderately as to cost.

For small grounds we can make satisfactory plans, if furnished with plot drawn to scale. For large country residence estates, and where extensive improvements are desired, a personal visit would be necessary and can be arranged for on reasonable terms.

Avail yourself of the services of our experts, whose practical landscape experience will save you money in the improvement of your grounds.

## A. W. Smith Company

Landscape Architects

Landscape Engineers and Contractors

Reenan Bldg., Liberty and Sixth Aves.

Pittsburgh, Pa.

### REVISED PRICES

## For Spring, 1928

See Catalogue for Description

	Each
Page	4—Juniperus Com. Hibernica, 2½/3 ft \$ 5.00 (Irish Juniper)
Page	4—Juniperus Virginiana, 3/4 ft
Page	6—Taxus Cuspidata, (Yew), 18/24 in 6.00
Page	6—Thuya Occidentalis, 2½/3 ft
	(American arborvitae), 3/4 ft 6.00
	4/5 ft <b>7.50</b>
Page	7—Acer dasycarpum (Silver Maple) 8/10 ft 3.60
	-Acer dasycarpum (Silver Maple) 10/12 ft 4.50 -Acer dasycarpum (Silver Maple) 12/14 ft 6.00
Page	7—Acer Platanoides (Norway Maples) 8/10 ft 5.00
rage	-Acer Platanoides (Norway Maples) 10/12 ft 7.50
	-Acer Platanoides (Norway Maples) 12/14 ft 10.00
Page	7-Acer Rubrum (Red or Scarlet Maples) 8/10 ft. 5.00
	-Acer Rubrum (Red or Scarlet Maples) 10/12 ft. 7.50
Page	7—Betula Alba (White Birch) 6/8 ft 3.50
	—Betula Alba (White Birch) 8/10 ft 6.00
Page	7—Betula alba laciniata pendula, 5/6 ft 5.00 —Cut leaf Weeping white birch, 6/8 ft 7.50
Page	9—Platanus Orientalis (Oriental Plane) 8/10 ft 3.50
rage	—Platanus Orientalis (Oriental Plane) 10/12 ft 6.00
	-Platanus Orientalis (Oriental Plane) 12/14 ft 8.00
Page	9—Salix Salamoni (Weeping Willow) 8/10 ft 3.00
Page	10-Ulmus Americana (American Elm) 8/10 ft 3.00
	-Ulmus Americana (American Elm) 10/12 ft 5.00
	—Ulmus Americana (American Elm) 12/14 ft 7.50
Page	11—Barberry (Berberis Thunbergi) Each 12 100
	15/18 in\$ .30 \$3.00 \$20.00
	—Barberry (Berberis Thunbergi) 18/24 in. (3 yrs.)
Page	14—Privet—California 18/24 in
	—Privet—California 2/3 ft
Page	14—Privet—Ibota 18/24 in
	—Privet—Ibota 2/3 ft
Page	14—Privet—Regal 18/24 in
Paga	42—White (Dutch) Clover Seed 60c per 1/2 lb.
rage	-White (Dutch) Clover Seed\$1.00 per lb.
Note-	-Stock of the following is very limited-prices on application-
	cation— Blood leaved Japanese Maples. Magnolias, Soulangeana, Stellata, Lenni. Hybrid rhododendrons.





Keenan Building, Pittsburgh, Pa. The Home of A. W. Smith Company.

## Directions to Customers

### Prices and Delivery

The prices given in this catalog are all f. o. b. Pittsburgh, and are subject to stock being unsold when ordered. We make no charge for boxes or packing or for delivery to freight or express offices in Pittsburgh. Small packages can be sent by parcel post and all such shipments are sent insured—the insurance and postage to be paid by customer. Express and freight shipments are all forwarded at purchaser's expense. Local delivery, for sales amounting to two dollars or over, is made free of charge within a ten cent carfare radius of our Liberty Avenue store.

### Non-Warranty

The majority of cases of failure of crops of seeds, plants, bulbs, shrubs and trees are assignable to some cause entirely beyond our control. For this reason we give no warranty, express or implied, regarding the success or failure of the planting. Unfavorable weather or soil conditions, too shallow or too deep planting, browsing and trampling by animals or molestation by man would be conducive to poor results, for which we do not hold ourselves responsible. It is our honest endeavor to supply only such goods as will, under proper conditions, produce utmost satisfaction. A. W. Smith Co. give

no warranty, however, as to description, quality, or productiveness of any goods sent out, and will not be responsible in any way for the crop. If the customer does not accept the goods on these terms they are at once to be returned.

### **Complaints**

All complaints must be made immediately upon receipt of stock. We exercise the utmost care for accuracy of details in filling orders and yet we realize that errors will occur at times. We recommend that customer keep copy of order.

Claim for damage while in transit must be made to the Transportation Company as our responsibility ceases when delivery in good order is made to the Transportation Company.

### Remittances

Payment for orders should be made to cover the entire bill, and no goods will be sent C. O. D. unless remittance is made on account, that will guarantee acceptance.

Remittances are acceptable by post office, telegraph or express money orders; or by drafts on Pittsburgh or New York banks. If these means of remitting are not available, the enclosure should be by registered mail. Coin should never be sent.

### **Premiums**

With every order for goods sold from this catalog, the customer has the opportunity of a generous premium benefit.

All cash sales are acknowledged by the issuance of a cashsale slip, or duplicate of the order, which is redeemable at 10 per cent of its face value in premiums as described on page 46.

"Charge" customers paying bills on or before the 10th of the month following date of purchase wil be handed or mailed Premium Certificate worth 5 per cent of face value in Premiums so listed or displayed. (This does not apply on landscape work or other contracts, unless definitely stated therein.)

Delivery of premiums is made free of charge in Pittsburgh. All out-of-town deliveries are made at the customer's expense.

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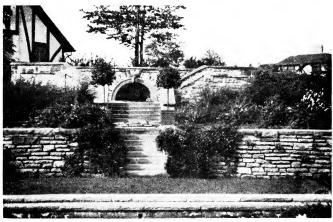
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Residence Grounds-Carrol S. Weir, Esq., Erie, Pa.



Pool and Pergola—Residence Grounds, D. I. McCahill, Esq., Pittsburgh, Pa.



Details of Walls and Fountain—Residence Grounds, Edw. F. Clark, Youngstown, Ohio.



## **Evergreen Trees and Shrubs**

Our Evergreens include the hardiest and most robust varieties and we will cheerfully aid you in the selection of specimens for your particular purposes.

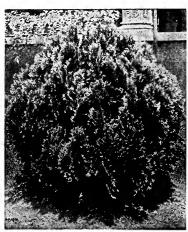
In many varieties we also have larger specimens than listed below and will be pleased to quote prices, on application.

and will be pleased to quote prices, on application.
All Evergreens properly balled, burlapped, and packed for shipment
without extra charge Each
ABIES concolor (White Fir). 2 feet\$ 5.00
-Nordmanniana (Nordmann's Fir). 2 feet 5.00
AZALEA amoena (Japanese Azalea). Purplish red flowers.
12-15 inches
-Hinodegiri (Japanese Evergreen Azalea). Carmine-pink flow-
ers—very showy. 12-15 inches
BUXUS (Boxwood). Prices on application.
JUNIPERUS chinensis Pfitzeriana. Beautiful foliage, of spread-
ing growth and very ornamental. Stands Pittsburgh condi-
tions better than any other evergreen. 15-18 inches 3.00
18-24 inches 5.00
2-2½ feet
2½-3 feet
-communis hibernica (Irish Juniper). 2 feet
3 feet
-excelsa stricta. 18-24 inches
2-21/2 feet 6.00
-japonica aurea (Golden Japanese Juniper). 1½-2 feet 4.00
—Sabina. 15-18 inches spread
18-24 inches spread 6.00
-Sabina tamariscifolia. 15-18 inches
18-24 Inches
-virginiana (Red Cedar). 2 feet
4 feet
5-6 feet
glauca (Blue Cedar). 3 feet 6.00
4 feet
4-5 feet
5-6 feet 15.00
KALMIA latifolia (Mountain Laurel). Nursery grown. 18-24
inches. 4.00
Collected stock. 18-24 inches 2.00
2-2½ feet 3.00
Prices on collected stock, in carload lots, on application.
LEUCOTHOE Catesbaei (Drooping Andromeda). 15-18 inches 2.50

Each	Ale Ville
PICEA canadensis alba	Sall fate and
(White Spruce). 2-3	The second secon
feet\$3.50	
3-4 feet 6.00	
-excelsa (Norway Spruce). 2-3 feet	
3-4 feet	
4-5 feet	
-pungens (Green Colorado	A STATE OF THE STA
Spruce). 3-4 feet 10.00	
glauca (Colorado Blue	
Spruce.) 3-4 feet 15.00	
Kosteriana (Koster's	
Blue Spruce). 2-21/2 feet 12.00	
2½-3 feet 15.00	
Prices on larger specimens on	
application.	
PINUS austriaca (Austrian	
Pine). 2-3 feet 5.00	
3-4 feet 7.50	
-niontana Mughus (Dwarf	
Mountain Pine). 18-24	
inches 6.00	
-ponderosa (Bull Pine). 2 feet	
3 feet	
-Strobus (White Pine). 2-3	
feet 3.50	
3-4 feet 5.00	
-sylvestris (Scotch Pine).	
2-3 feet 3.50	
3-4 feet 5.00	
RETINISPORA pisifera	
(Pea-fruited Cypress).	
2-3 feet	
3-4 feet	
—aurea (Golden Pea- fruited Cypress). 2-3	Juniperus Virginiana-Red Cedar.
feet 7.00	
	s). 2-3 feet\$ 6.0
	9.0
aurea (Golden Plumed Cypres	ss). 2-21/2 feet 6.0
2½-3 feet	9.0
-squarrosa Veitchi (Silver Retini	
	6.0
RHODODENDRON hybrids (Asso	
sizes ranging from 2-2 to 4-	ted Rhododendrons on hand in 5 feet. Prices, \$5.00 to \$15.00
each, according to size.	J 1000. 11100s, \$3.00 to \$13.00
-maximum (Native Rhododendro	on). Collected stock. 2-3 feet 3.5
3-4 feet	5.0
Prices per 100 or per carlead, on	collected Rhododendron maximum,
	plication.



Rhododendrons.



Thuja	Occidentalis	Globosa.
-Wareana	(Siberian	Arbor-vitae).

	Each
	TAXUS cuspidata (Japa-
	nese Yew) 15-18
	inches \$ 4.50
	brevifolia (Short-
LILL HATTING THE PROPERTY OF THE PARTY OF TH	Leaved Japanese
	Yew). 8-10 Anches . 3.00
	10-12 inches 4.00
	A A
	THUJA occidentalis
<b>"我就是我们的人,我们就是我们的人,我们就是我们的人,我们就是我们的人,我们就是我们的人,我们就是我们的人,我们就是我们的人,我们就是我们的人,我们就是我们的人,我们</b>	(American Arbor-
	vitae). 2-3 feet
<b>"你就是我们的一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个</b>	3-4 feet 5.00
	4-5 feet 8.00
	-globosa (Globe Arbor-
BY 100 100 100 100 100 100 100 100 100 10	vitae), 15-18 inches 3.50
自己,以外的一种。人类与一种一类的	18-24 inches 5.00
第二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十	Hovevi (Hovev's
	Golden Arbor-vitae).
	18-24 inches 5.00
	lutea (George Pea-
	body's Arbor-vitae.)
	Golden yellow foliage.
	2 feet 5.0'
	pyramidalis (Pyra-
	midal Arbor-vitae).
	2-3 feet 5.00
	3-4 feet 6.00
	4-5 feet 8.00
Thuja Occidentalis Globosa.	Vervaeneana, 3 feet 6.0
	4 feet 8.00
Wareana (Siberian Arbor-vitae).	2 feet 4.00
TSUGA canadensis (Hemlock Spruce).	3 feet 6.00

6,00

7.50

2.00

## **Evergreen Trees in Pittsburgh**

YUCCA filamentosa (Spanish Bayonet; Adam's Needle). Strong

Plants, aswell 28 animals, must breathe in order to keep up their life process. To this end they are provided on the foliage surface with tiny stomata with tiny stomata of breathing organs, which perform a function very similar to that of the human lungs. They breathe in gases and exhale waste products, and at no time are inactive.

feet

clumps

The atmosphere Pittsburgh and environs has a tendency to clog up tnese little organs with soot and dust. The new leaves borne in spring of each year do not seem to be in number adequate to supply the needs of evergreens as they are with decid-uous varieties. As a consequence, evergreens first begin to look scraggly, languish for a period, and then die.

Another element that seems to attack the hardiest living plants is the volatile sulphurous gas which is here in such great quantity. Evergreens are particu-larly susceptible to this form of poisoning.

We try to discourage the use of evergreens except where temporary effects are desired or on estates removed from the smoke zone.





Acer Platanoides-Norway Maple,

## Deciduous Ornamental Trees

To one who wishes to enhance the value of property, no form of improvement is quite as effective as the tasteful planting of trees. You can scarcely imagine a landscape or planting problem in which shade and flowering trees do not play a very important part.

Prices on larger trees than listed below will be furnished on applica-

Each

4.00 6.00

3.50

tion.

ACER dasycarpum (Silver Maple). 8-10 feet \$2.00

10-12 feet 3.00

12-14 feet 5.00

—Wier'i (Wier's Cut-leaved Maple). 10-12 feet 5.00

—platanoides (Norway Maple). Very desirable for street planting. (Special rate per 100 or by carload). 8-10 feet 3.50

10-12 feet 5.00

12-14 feet 7.50 -polymorphum atropurpureum (Blood-leaved Japanese Maple). 2-3 feet ..... 7.50 3-4 feet ..... 10.00 
 rubrum
 (Scarlet Maple).

 8 to 10 feet
 3.50

 10-12 feet
 5.00
 -saccharum (Sugar Maple). 3,00 5,00 7.50 AESCULUS Hippocastanum (European or Common 5.00 Horse-Chestnut). 8-10 feet 10-12 feet ...... 7.50 AILANTHUS glandulosa (Tree Heaven). 6-8 feet ..... 2.50 8-10 feet ..... 3.50 ANDROMEDA. (See Oxydendrum.) BETULA alba (White Birch). 2.00 3.50

Betula Alba Laciniata Pendula

Weeping Cut-leaved White Birch. —lutea (Yellow Birch), 4-8 feet lue slip page 1

6-8 feet 8-10 feet

laciniata pendula (Weeping Cut-leaved White Birch,)

### A. W. SMITH COMPANY, PITTSBURGH, PA.

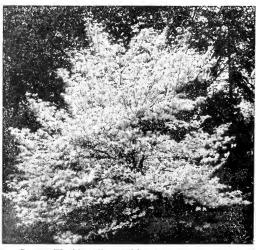


(American Sweet Chest- nut). 6-8 feet	3.00
CATALPA Bungei (Chinese Catalpa). (Umbrelia Tree), 2 year heads. 5-6 feet	4.00
-speciosa (Indian Bean). 8-10 feet	2.00
CELTIS occidentalis (Hackberry). 6-8 feet	2.50
CERASUS avium (Double White Flowering Cherry). 4-5 feet	3.50
—japonica rosea pendula (Pink-flowered Weeping Japanese Cherry). 2 year heads. 3-4 feet	7.50
CERCIS canadensis. (See Shrub List).	
CLADRASTIS tinctoria (Yellow Wood), 4-5 feet	2.50
CORNUS florida alba (White Dogwood). 3-4 feet	2.00
	4.00
	4.00 7.50 3.00 5.00 1.25
	2.00

CASTANEA americana

Each



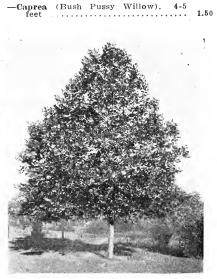


Cornus Florida Alba-White-flowering Dogwood.

MALUS baccata (Siberlan Crabapple). 3-4 feet	2.00 2.00 2.50 3.00
-tatarica pendula (Teas' Weeping Mulberry). 2-yr. heads	4.00 6.00
PLATANUS orientalis (Oriental Plane Tree). Best tree for street planting in the Pittsburgh District. (Special prices per 100 or carload). 8-10 feet 10-12 feet 0-11-12 feet 0-	2.00 3.00 5.00
POPULUS alba Bolleana (Bolle's Silver Poplar). 8-10 feet  -monolifera (Carolina Poplar). 8-10 feet  10-12 feet  12-14 feet  -nigra fastigiata (Lombardy Poplar). 8-10 feet  10-12 feet  12-14 feet	2.50 1.50 2.00 3.50 1.50 2.50 3.50
PRUNUS Pissardi. (See Shrub List).	
PTELEA trifoliata (Hop Tree). 5-6 feet	1.50 5.0
-rubra (Red Oak). 8-10 feet	5.0
ROBINIA' pseudacacia (Black Locust). 4-5 feet	1.0 3.5
8-10 feet  -incana (Rosemary Willow; Dwarf Tree). 3-4 feet	3.0 1.0



Populus Fastigiata-Lombardy Poplar.



-pentandra (Laurel-leaved Willow).
8-10 feet .....

-Salamoni. 8-10 feet .....

3.00 1.00

2.50 2.00

Platanus Orientalis-Oriental Plane.



Ulmus Americana-American Elm.

	Each
SASSAFRAS officinale (Native Sassafras). 5-6 feet\$	2.50
SORBUS aucuparia (Mountain Ash). 6-8 feet	2.50
8-10 feet	3.50
TAXODIUM distichum (Bald Cypress). 5-6 feet	3.50
TILIA americana (American Linden, Lime, or Basswood Tree).	
8-10 feet	3,50
10-12 feet	5.00
ULMUS americana (American Elm), (Special price per 100 or	
per carload). 8-10 feet	2.50
10-12 feet	3.50
12-14 feet	5.00
-scabra pendula (Camperdown Weeping Elm). 2 yr. heads	6.00

Tree Surgery
The owners of fine mature trees should protect them from insect and fungous pests.

The removal of dead wood, creosoting, concreting, reinforcing, spraying and pruning, constitute the care essential to the healthy growing condition in trees.

The length of time necessary in growing sizable lawn or avenue trees is a consideration that should make us particularly careful of the

good trees we now possess.

Our expert tree-men will put your trees in proper condition, in a scientific manner, at a reasonable cost.





Berberis Thunbergi-Japanese Barberry.

## eciduous

Whether planted individually or collectively, the shrub is an important feature in the adornment of any grounds. We grow the most approved hardy varieties of shrubs, which, when judiciously chosen and harmoniously arranged, will give a variety of color, both of foliage and

narmonously arranged, will give a variety of color, both of foliage and flower, during the entire summer.

In the following list, ultimate height, color of flower and time of blooming are indicated as follows: Figures following the letter "H" indicate height, color comes next and then the blooming season. This is only approximately as height and time of flowering vary with different soils and climates.

Shrubs marked † will grow in shade or partial shade, if soil conditions are good.

are good.

Shrubs marked \* are fruit-bearing and most of them furnish food for birds.

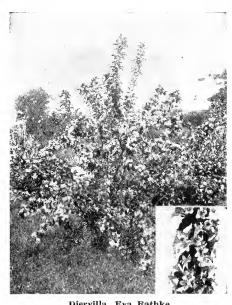
arras.	
Four or more of a variety at the dozen rate.	D-=
*AMELANCHIER botryapium (Dwarf Shadbush), 2-3 feet, \$0.75 H, 10-15 feet, White, May,	Doz. \$8.00
AMORPHA fruticosa (False Indigo). 2-3 feet	8.00
AMYGDALUS chinensis alba plena (Flowering Almond). 2-3 feet	
rosea plena (Flowering Almond). 2-3 feet 1.50 H. 4-5 feet. Pink. May.	
ARALIA pentaphylla (Five-leaved Aralia). 2-3 feet75 H. 5-6 feet. Yellow. June.	8.00
—spinosa (Hercules Club). 4-5 feet	
*ARONIA arbutifolia (Red Chokeberry). 2-3 feet 1.00 H, 6-10 feet. White. April.	
*—melanocarpa nigra (Black Chokeberry). 2-3 feet 1.00 H. 4-5 feet. White. April-May.	
†AZALEA arborescens (Fragrant Azalea). 1½-2 feet 3.50 H. 5-7 feet. Rose. July.	
†—calendulacea (Flame Azalea). 1½-2 feet 3.50 H. 5-6 feet, Orange. June.	
*—Ghent and mollis, 18-24 inches 6.00 H. 5-6 feet. Yellow, Orange, Red and White. April- May.	
+-nudiflora (Woods' Azalea). 2 feet	
†—Vaseyi (Southern Azalea). 18-24 inches	
Each 10	100
*†BERBERIS Thunbergi (Japanese Barberry). 12-18 inches\$0.50 \$4.50	\$35.00
18-24 inches	50.00

50.00

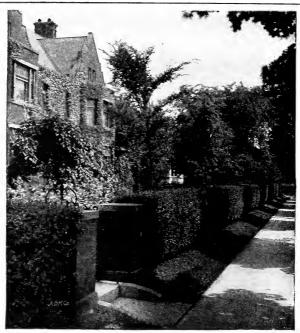


Clethra Alnifolia-Sweet Pepper.

Clethra Alnifolia—Sweet Pepper.	
Each	Doz.
BUDDLEIA variabilis (Butterfly Bush; Summer Lilac). 2-3 feet\$ 0.75	\$8.00
H. 4-5 feet. Violet. Purple. July-August.	\$8.00
CALYCANTHUS floridus (Strawberry Shrub). 2-3 feet75	8.00
H. 5-6 feet. Chocolate brown. All summer. CARAGANA arborescens (Siberian Pea). 2-3 feet	8.00
H. 8-10 feet. Yellow. May and June.	8.00
CEANOTHUS americana (New Jersey Tea). 18-24 inches75	8.00
H. 2-3 feet. White. June.  CEPHALANTHUS occidentalis (Button Bush). 2-3 feet75	8.00
H. 5-6 feet. White. July.	0.00
CERCIS canadensis (Judas Tree or Red Bud). 3-4 feet 1.00	
H. 12-15 feet. Rose pink. April. CHIONANTHUS virginica (White Fringe). 2-3 feet 1.50	
H. 10-12 feet. White. May.	
CLETHRA alnifolia (Sweet Pepper). 18-24 inches	8.00
H. 3-5 feet. White. July.	
COLUTEA arborescens (Bladder Senna). 2-3 feet 75 H. 7-8 feet. Red-yellow, July.	8.00
†CORNUS alba (Red Twigged Dogwood). 2-3 feet	8.00
H. 6-8 feet. Cream. June.	
-florida, (See Tree List).	
*—mascula (Cornelian Cherry). 3-4 feet	8.00
*—paniculata (Panicled Dogwood). 2-3 feet	8.00
H. 8-10 feet. White. June.	
* stolonifera (Red Osier). 2-3 feet	8.00
*-stolonifera aurea (Yellow Twigged Dogwood). 2-3 feet .75	8.00
H. 4-5 feet. White. June.	0.00
CORYLUS americana (American Hazelnut). 2-3 feet75	8.00
H, 8-10 feet.  CYDONIA japonica (Japan Quince). 2-3 feet	10.00
H. 4-5 feet. Scarlet. May.	10.00
DEUTZIA candidissima (Double White Deutzia). 2-3 feet75	8.00
H. 6-7 feet, White.	0.00
-crenata rosea pl. (Double Pink Deutzia). 2-3 feet75 H. 6-7 feet. Pink.	8.00
-gracilis (Dwarf White). 15-18 inches	8.00
H. 2-3 feet. White. June.	
-rosea (Dwarf Pink). 15-18 inches	8.00
Lemoinei (Lemoine's Deutzia). 18-24 inches	8.00
H. 3-4 feet. White. June.	
-Pride of Rochester (Double Pink). 2-3 feet	8,00
H. 7-8 feet. June.	



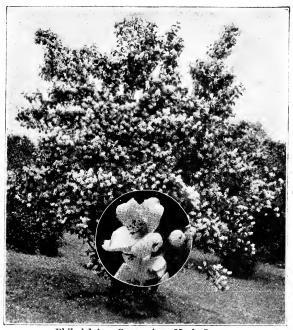
Dictanta, Eva Raturo	ach	Doz.
DIERVILLA amabilis (Rose-colored Weigela). 2-3 feet\$ H. 6-8 feet. Rose. June.		\$8.00
-candida (White Weigela). 2-3 feet	.75	8.00
Desbolsi (Rose-colored Weigela). 2-3 feet	.75	8.00
-Eva Rathke (Red Flowering Weigela). 2-3 feet H. 4-5 feet. Red. June.	1.00	
-Van Houttel. 3-4 feet	.75	8.00
*ELEAGNUS angustifolia (Russian Oleaster). 2-3 feet H. 10-12 feet. Yellow.	.75	8.00
*—longipes (Japanese Oleaster). 2-3 feet	.75	8.00
*EUONYMUS alata (Winged or Cork-Barked Euonymus). 2-3 feet	2.00	
	.75	8.00
	1.00	
H. 8-10 feet. White. May. FORSYTHIA Fortunei (Golden Bell) 2-3 feet	.75	8.00
H. 6-8 feet. Yellow. April. —intermedia (Golden Bell). 3-4 feet	.75	8.00
H. 8-10 feet. Yellow. April. —suspensa (Drooping Golden Bell). 2-3 feet	.75	8.00
H. 6-8 feet. Yellow. April. —viridissima (Golden Bell). 2-3 feet	.75	8.00
	1.50	
H. 10-12 feet. White. May.  HAMAMELIS virginica (Witch Hazel). 3-4 feet  H. 8-10 feet. Yellow. November.	1.00	
HIBICUS syriacus (Althea or Rose of Sharon). 2-3 ft H. 3-10 ft. Pink, Purple, Red, White, August-Sept.	.75	8.00
†HYDRANGEA arborescens grandiflora (Native Hydrangea). 15-18 inches	.75	8.00
	1.00	
	1.00	10.00
H. 6-8 feet. White. September-October. ——grandiflora, standard (Tree Form). 3-4 feet White. September-October.	2.50	
HYPERICUM densiforum, 2-3 feet	.75	8.00



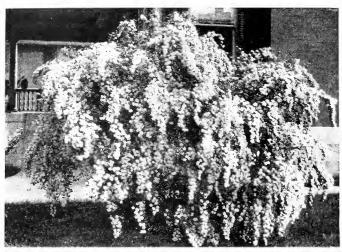
Ligustrum Ovalifolium-California Privet.

ITEA virginica (Virginian Willow), 2-3 feet\$ 1. H. 4-5 feet. White. June-July.	ch .00 \$	Doz. \$10.00
KERRIA japonica (Globe Flower). 18-24 inches 1.	.00	10.00
H. 4-5 feet. Yellow. June. fl. pl. (Double Globe Flower). 18-24 inches 1. H. 4-5 feet. Yellow. June.	0.0	
Each 10		100
*†LIGUSTRUM amurense (North; Hardy Amoor		
River Privet). 18-24 inches		<b>45.</b> 00
Ea		Doz.
-aurea (Golden Privet). 18-24 inches\$ 0.		\$8.00 100
**—ibota (Japanese Privet). 18-24 inches\$ 0.50 \$3.5		25.00
2-3 feet	0	35.00
*—ovalifolium (California Privet). 18-24 inches35 2.5	.0	10.00
2-3 feet		15.00
H. 8-10 feet. White. July. *†—Regelianum (Regel's Privet). 18-24 inches60 5.0		
**—Regelianum (Regel's Privet), 18-24 inches		40.00 50.00
2-3 feet	U	30.00
+-vulgaris (English Privet). 18-24 inches35 3.0	0	25.00
2-3 feet	0	40.00
H. 8-10 feet. White. June-July.		
LILACS. (See Syringa )		D
*LONICERA fragrantissima (Fragrant Bush Honeysuckle).	en	Doz.
2-3 feet	75	\$8.00
*-Morrowi (Japanese Bush Honeysuckle). 2-3 feet	75	8.00
H. 6-8 feet. White. May-June.		0 00
*-Ruprechtiana (Manchurian Honeysuckle). 2-3 feet H, 6-8 feet. White. May-June.	75	8.00
*-tatarica alba (White Tatarian Honeysuckle). 2-3 feet .	75	8.00
H. 6-8 feet. White. May-June.  *—tatarica rubra (Pink Tatarian Honeysuckle). 2-3 feet	75	8.00
H. 6-8 feet. Pink. May-June.		3.00
7	75	8.00

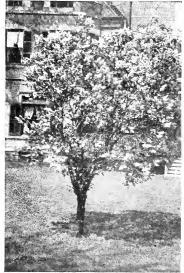
### A. W. SMITH COMPANY, PITTSBURGH, PA.



Philadelphus Coronarius-Mock Orange.		
	Each	Doz.
PHILADELPHUS coronarius (Sweet-scented Mock Orange).		
3-4 feet\$	0.75	\$8.00
H. 8-10 feet White. May-June.		
aurea (Golden-leaved Mock Orange). 13-24 inches	.75	8.00
H. 5-6 feet. White. May-June.		
-grandiflora (Large-flowered Mock Orange). 3-4 feet	.75	8.00
H. 8-10 feet. White. May-June.  -Lemoinei (Lemoine's Mock Orange). 2-3 feet	75	8,00
H. 4-5 feet. White. June.	.10	8.00
PRIVET, (See Ligustrum).		
PRUNUS Pissardi (Purple-leaved Plum). 4-5 feet	1.50	
H. 8-10 feet. Pink. May.	1.00	
*RHAMNUS cathartica (Common Buckthorn), 2-3 feet	75	8.00
H. 8-10 feet.	.10	0.00
*RHODOTYPOS kerrioides (White Kerria). 2-3 feet	.75	8.00
H. 4-5 feet. White. May-June.		0.00
RHUS aromatica (Sweet Sumach). 2-3 feet	.75	8.00
H. 5-6 feet. Yellow. May		
*-copallina (Shining Sumach). 2-3 feet	.75	8.00
H. 5-6 feet. Yellow-green. July and August.		
*—cotinus (Purple Fringe or Smoke Bush). 3-4 feet H. 8-10 feet. Yellow-green. June.	2.00	
H. 8-10 feet. Yellow-green. June.		
*-glabra (Smooth Sumach). 2-3 feet	.75	8.00
H. 15-20 feet.		0.00
*-typhina laciniata (Cut-leaved Staghorn Sumach). 2-3 ft.	.75	8.00
H. 8-10 feet.	.75	8.00
*RIBES aureum (Yellow Flowering Currant). 2-3 feet H. 5-6 feet. Yellow. May.	. 10	8.00
*—sanguineum (Red Flowering Currant). 2-3 feet	.75	8.00
H. 5-6 feet. Purple-red. May.		0.00
ROBINIA hispida (Rose Acacia). 2-3 feet	.75	8.00
H. 4-5 feet. Rose, May and June.		0
RUBUS odorata (Flowering Raspberry or Thimbleberry).		
2-3 feet	.75	8.00
H. 5-6 feet. Rose-purple. All summer.		
*SAMBUCUS canadensis (Common Elder). 2-3 feet	.75	8.00
H. 6-8 feet. White. June.		
—canadensis acutiloba (Cut-leaved Elder). 2-3 feet	.75	8.00
H. 5-7 feet. White. June.		0.00
*—nigra aurea (Golden Elder). 3-4 feet	.75	8.00
H. 6-8 feet. White, June. *—racemosa (Red-berried Elder). 2-3 feet	.75	8.00
Tacemosa (Red-berried Elder). 2-3 feet	. 1 9	0.00



Spirea Van Houttei,		
	Each	
SPIREA arguta, 2-3 feet	\$ 0.75	\$8.00
H. 5-6 feet. White, May.		
-Billiardi. 2-3 feet	.75	8.00
H. 5-6 feet. Pink. July-August .		
-bumalda (Dwarf Pink). 18-24 inches	.75	8.00
H. 2-3 feet. Light pink. July-August.		
Anthony Waterer (Improved Dwarf Pink), 18-24 in	.75	8.00
H. 2-3 feet. Pink. July-August.		
-callosa alba (Dwarf White). 18-24 inches	.75	8.00
H. 2-3 feet. White. July-August.		
-Douglasi (Douglas' Spirea). 2-3 feet	.75	8.00
H. 5-6 feet. Deep pink. July.		
-opulifolia (Ninebark). 2-3 feet	.75	8.00
H. 7-8 feet. White. June.		
aurea (Golden Ninebark). 2-3 feet	.75	8.00
H. 7-8 feet. White. June.		



Syringa-Lilac.

—prunifolia (True  Bridal Wreath). 2-3 feet	8.00
-salicifolia (Willow-leaved Spirea). 2-3 feet	8.00
-sorbifolia (Ash- leaved Spirea). 2-3 feet	8.00
-Thunbergi (Thun- berg's Spirea). 18-24 inches	8.00
-tomentosa (Hard- hack; Steeple- bush). 2-3 feet75 H. 5-6 feet. Pink. July, August, Sep- tember.	8.00
-Van Houttel (Van Houtte's Spirea),	

feet. White.



Viburnum Opulus Sterile-Common Snowball.

Each STAPHYLEA colchica (Bladder Nut). 2-3 feet\$ 0.75	
H. 10-12 feet. White. May and June.	<b>\$8.00</b>
STEPHANADRA flexuosa (Lace Shrub). 2-3 feet75 H. 3-5 feet. White, July.	8.00
STYRAX japonica (Styrax). 2-3 feet	8.00
*†SYMPHORICARPOS racemosus (White Snowberry). 2-3 ft75 H. 4-5 feet. Pink. July.	8.00
*+-vulgaris (Red Snowberry; Indian Currant). 2-3 feet75 H. 4-5 feet. Pink. July.	8.00
SYRINGA Josikaea (Hungarian Lilac). 3-4 feet 1.00	
H. 8-10 feet. Violet. June.  —persica (Persian Lilac). 2-3 feet	
H. 8-10 feet. Pale lilac. May-June.	
-rothomagensis (Rouen Lilac). 2-3 feet	8.00
-villosa (Late flowering Lilac). 3-4 feet 1.00	
H. 8-12 feet. Pink. May-June.	8.00
3 to 4 feet	10.00
H. 8-12 feet. Purple and White. May.	
(Potted plants of named varieties of Lilacs, \$3.00 each and up	
TAMARIX africana (Tamarisk). 2-3 feet	8.00
H. 8-10 feet. Pink. April-May. *VIBURNUM cassinoides (Withe Rod). 2-3 feet	8.00
H. 6-8 feet. White. June.	
*—dentatum (Arrow-wood). 2-3 feet	8.00
H. 6-8 feet. White. May-June. *—dilatatum (Japanese Bush Cranberry). 2-3 feet	8.00
H. 6-8 feet. White. May-June.	8.00
*—lantana (Wayfaring Tree). 2-3 feet	8.00
H. 8-10 feet. White. May-June.	
*—lentago (Sheepberry). 2-3 feet	8.00
H. 8-10 feet. White. May-June. *—opulus (High Bush Cranberry).	
3-4 feet	
H. 8-10 feet. White. May-June.	
sterile (Common Snowball). 3-4 feet 1.00	10.00
H. 8-10 feet. White. May-June.	
plicatum (Japanese Snowball). 2-3 feet 1.50 H. 7-8 feet. White. June.	
-tomentosum (Single Snowball). 2-3 feet 1.00	
H. 8-10 feet. Single white. May.	
WEIGELA. (See Diervilla).	
†ZANTHORHIZA aplifolia (Shrub Yellow Root). 15-18 in75	8.00

Why Does A.W. Smith Co. Give Premiums?

Because cash buyers and prompt-pay charge buyers should be favored, and, with prices and service the same to all, premiums open the only way to favor these good customers. See page 46.



## Herbaceous Perennials

A garden of herbaceous perennials gives more real pleasure than almost any other collection of plants and with less labor for the gardener, too. The plants increase in size every year and each season produce larger and lovelier flowers.

The assortment we offer contains the best known varieties and we can recommend them as being well adapted to this section of the

country.

In the following list, height, color of flower and time of blooming are indicated as follows: Figures following the letter "H" indicate height, color comes next and then the blooming season. This is only approximate as height and time of flowering vary with different soils and climates.

Plants suitable for growing in the shade are marked \*-suitable for rockeries are marked †.

rockeries are marked †.

Prices on following herbaceous plants (except where noted): 25c each; \$2.50 per dozen. Four or more of a variety at the dozen rate.

ACHILLEA millefolium roseum (Milfoli).

H. 1-2 feet. Rose. June-August.

—ptarmica, The Pearl.

H. 2 feet. White. July-August.

\*ACONITUM napellus (Monkshood).

H. 2-2½ feet. Purplish blue. July-August.

†AEGOPODIUM podagraria variegata (Goutweed).

H. 1 foot. White. June.

\*AJUGA reptans (Bugleweed).

\*AJUGA reptans (Bugleweed).

H. 4-6 inches. Blue. May-June. †ALYSSUM saxatile (Goldentuft). H. 1 foot. Yellow. May.

ANCHUSA italica (Alkanet). H. 3-4 feet. Blue. June

June.

\*†ANEMONE japonica, Queen Charlotte (Japanese Anemone).

H. 2-3 feet. Rose. September to frost.

japonica, Whirlwind.
H. 2-3 feet. White. September to frost. Windflower). -pennsylvanica (Pennsylvania H. 1½ feet. White. June.

H. 1½ feet. White. June.

ANTHEMIS tinctoria Kelwayi (Chamomile).

Yellow. July-August.

Various colors. May-July.

ANTHEMIS tinctoria Kelwayi (Chamomile)
H. 2-3 feet. Yellow. July-August.
\*†AQUILEGIA (Columbine).
In variety. H 2-4 feet. Various colors
\*†ARABIS alpina (Rock Cress).
H. 6 inches. White. April-May.
†ARMERIA maritima (Sea Pink or Thrift).
H. 5-6 inches. Pink. May-June.

ARTEMISIA abrotanum (Old Man

or Southernwood). H. 3-4 feet. Fragra White. August. Fragrant foliage.

August.

-lactiflora.

H. 3-4 feet. White, Augus
-stelleriana (Old Woman).

H. 1½ feet. Yellow. July. ASCLEPIAS tuberosa (Butterfly

Weed). H. 1½-2 feet. Orange. July-August.

ASTILBE, Queen Alexandra. H. 2-3 feet. Pink. June-July.

ASTER (Michaelmas Daisy). In variety. Hardy. H. 2-4 feet. Various colors. September-October.

BAPTISIA australis (False Indigo). H. 3-4 feet. Dark blue. June. †BELLIS perennis (English Dalsy). H. 4-5 inches. Plnkish white.

May-June. BOCCONIA cordata (Plume Poppy).

H. 6-8 feet. Creamy white. July-August. BOLTONIA asteroides (False Cham-

omile). H. 4-5 feet. White. September. -latisquama (Starwort).

H. 4-5 feet, Pink, August. \*CAMPANULA carpatica (Bluebell)

H. 8-10 inches. Blue. July to September. -medium (Canterbury Bell). H. 2-3 feet. Mixed colors. June-July.

persicifolia.

H. 2 feet. Blue. June-July.
-pyramidalis (Chimney Campanula).
H. 4-5 feet. Blue. August.

CARYOPTERIS mastacanthus (Blue Spirea). H. 2-3 feet. Lavender. September-October.

CASSIA marylandica (Wild Senna). H. 3-4 feet. Yellow. July-August.

CENTAUREA cyanus (Bluebottle; Cornflower). H. 1-2 feet. Blue, Pink, White. July-October.—montana (Perennial Cornflower). H. 18-24 inches. Blue. June-August.

†CERASTIUM Biebersteini (Snow-in-Summer). H. 4-6 inches. White.

CHRYSANTHEMUM.

Large flowering. H. 3-4 feet. White, Pink, Yellow.



Coreopsis Grandiflora.



Campanula Medium-Canterbury Bell.

-pompon (Button Mums). H. 2-3 feet. Various co Various colors. Au-

gust-October. -maximum (Shasta Daisy). H. 1-1½ feet. White. July-August.

CLEMATIS recta.
H. 2-3 feet. White. June-July.

COREOPSIS grandiflora (Tickseed). H. 1½-2 feet, Yellow. All summer. Fine for cut flowers.

CONOCLINIUM. (See Eupatorium).

\*\*CONVALLARIA majalis of-the-Valley). H. 6-8 inches. White. April-May. 10c each; 75c per dozen; \$5.00 per 100.

DELPHINIUM belladonna (Larkspur). H. 3-5 feet. Sky blue. June to

September, -bellamosum (Larkspur). H. 3-5 feet. Dark blue. September.

-mixed colors (Larkspur). H. 3-5 feet. June-September.





Delphinium-Larkspur,

Digitalis-Foxglove.

DIANTHUS barbatus (Sweet William). H. 10-15 inches. All colors. June-July. -deltoides (Grass Pink). H. 6-9 inches. Pink. -plumarius (Scotch Pink). H. 1 foot. Pink. June-July.

-double red (Double Scotch Pink).

H. 8-12 inches. Red. June-July. semperflorens (Scotch Pink).

H. 6-8 inches. Pink. May-August. \*†DICENTRA spectabilis (Bleeding Heart). H. 1-1½ feet. Pink. May-June.

DICTAMNUS fraxinella (Gas Plant). H. 2-3 feet. White. June-July.

\*DIGITALIS (Foxglove or Thimble Flower) H. 2-3 feet. Various colors. June-July.

DORONICUM plantagineum (Leopard's Bane). H. 1½-2 feet. Orange. May-June.

ERYNGIUM amethystinum (Sea Holly). H. 1-2 feet. Blue. July-August

EUPATORIUM ageratoides (White Snakeroot). H. 3-4 feet, White, August-September. August-September.

coelestinum (Mistflower).

H. 1-2 feet. Blue. September-October. EUPHORBIA corollata (Flowering Spurge).

White. July-September. \*\* FERNS (Assorted, Native Varieties). H. 11/2-3 feet.

\*†FUNKIA subcordata grandiflora (White Day or Plantain Lily). H. 12-18 inches. White. August-September, H. 12-18 inches. August-September.

-lancifolia alba marginata, H. 1-2 feet. Variegated foliage,

H. 11/2-3 feet.

GAILLARDIA grandiflora (Blanket Flower).

H. 1-2 feet. Yellow and crimson. All summer.

\*†GENTIANA Andrewsi (Closed, Blind or Bottled Gentian). H. 2 feet. Purplish blue. July-August.

†GEUM atrosanguineum (Avens). H. 1 foot. Dark red. All summer.

GYPSOPHILA paniculata (Baby's Breath). H. 2-3 feet. White. June-July. White. June-July.

### A. W. SMITH COMPANY, PITTSBURGH, PA.

HELENIUM autumnale wort). H. 4-5 feet.

August-Yellow. September.

-Riverton Gem. H. 4-5 feet

Old-gold. Sepfeet. tember-October.

HELIANTHUS Maximiliana (Hardy Sunflower). H. 5-8 feet. Yellow. Septem-

ber-October.

-Miss Mellish. H. 4-5 feet. Yellow. August-September.

-in variety (Hardy Sunflower).
H. 4-7 feet. August-Septem

H. 4-7 feet. August-September. HEMEROCALLIS aurantiaca major (Day Lily). H. 2½-3 feet.

Orange-yellow. July.

-Dumortieri (Yellow Day Lily). H. 1-2 feet. Orange-yellow. June-July.

-flava (Lemon Day Lily). H. 2½-3 feet. Yellow. Jr -Florham (Yellow Day Lily).

H. 3 feet. Golden yellow. June-July.

-kwanso fl. pl. (Double Yellow Day Lily). H. 2-3 feet. Orange. July-Au-

gust. -Thunbergi.

H. 3-4 feet. Lemon-yellow. July-August.

matronalis (Sweet HESPERIS Rocket).

H. 2-2 1/2 ft. Purple. June-August.

HOLLYHOCKS (Assorted Colors).

H. 4-6 feet, Single and Double Varieties.

\*†IBERIS semperviens (Hardy Candytuft).

H. 10-12 inches. White, April-May.

H. 2-3 feet. Assorted colors, sibirica (Siberian Iris).

-Sibrica (Siberian 1715).

H. 2-3 feet. Purplish blue. June.

†-tectorum (Dwarf Iris).

H. 1½ feet. Violet streaked. April-May.

LARKSPUR. (See Delphinium).

†LATHYRUS latifolius (Perennial Sweet Pea).

†LATHINUS latinolus (Perennial Sweet Pea).

H. 5-7 feet. White, Pink, Red. June to August.

†LAVANDULA vera (Sweet Lavender).

H. 1-2 feet. Violet. July-August.

LIATRIS pycnostachya (Blazing Star; Kansas Gayfeather).

H. 3-5 feet. Purple. August-September.

†LINUM perenne (Blue Flax).

LIL 114 feet. Plue Lune July

H. 1-1½ feet. Blue. June-July.

LOBELIA cardinalis (Cardinal Flower; Indian Pink).

H. 2-3 feet. Scarlet. August-September.

LUPINUS polyphyllus (Hardy Lupine). H. 3-4 feet. Blue. June-August.

-polyphyllus albus.

H. 3-4 feet. White, June-August.

LYCHNIS chalcedonica (London Pride or Maltese Cross).

H. 2-3 feet. Scarlet. July.

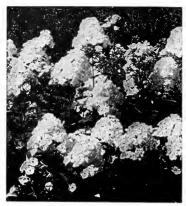
†LYSIMACHIA nummularia (Creeping Jenny). H. 2-4 inches, Yellow. June to August.



Iberis Sempervirens-Candytuft.



Iris.



Phlox.

LYTHRUM roseum superbum (Loosestrife).

H.4-5 feet. Rose. June-July.

†MERTENSIA virginica (Blue Bell). H. 2 feet. Purplish blue. April to May.

•MONARDA didyma (Bergamot). H. 2 feet. Red. July-August.

\*†MYOSOTIS palustris (Forget-me-not). H. 10-12 inches. Blue. April-September.

OENOTHERA Fraseri (Evening Primrose). H. 1½-2 feet. Lemon yellow. All summer. \*†PACHYSANDRA terminalis (Japanese Spurge).

White. June. H. 4-6 inches.

PAEONY.

White, Pink, Red, Named Varieties, H. 2-3 feet, June, According to size, 75c to \$2.00 each. officinalis.

White, Pink, Red. H. 2-3 feet. June. 75c

-tenuifolium (Cut Leaf Paeony).

H. 1-1½ feet. Red. May-June. \$1.00 each. H. 2-3 feet. June. 75c to \$2.00 each.

\*PAPAVER nudicaule (Iceland Poppy).

H. 6-8 inches. Yellowish. All summer. orientale (Oriental Poppy).

H. 2-3 feet. Red. June. 50c each; \$5.00 per doz.

PARDANTHUS chinensis (Blackberry Lily).

July-August. H. 2-3 feet. Orange.

PENTSTEMON (Mixed).

Crimson, Orange, Purple. July-August. H. 2-3 feet.

†PHLOX Arendsi (Dwarf Varieties).

H. 12-18 inches. Assorted colors. May and \*†divaricata (Canadian Phlox or Wild Sweet William). H. 10-15 inches. Lavender. May-June.

PHLOX paniculata. In the following varieties. H. 2-3 feet.

Pure white with faint red eye. Albion.

Bacchante. Rose with carmine eye. Bridesmaid. Pure white, carmine eye. Champs Elysee. Bright rosy magenta.

Champs Elysee. Bright rosy Day Break. Fine pale pink. Break. Fine pale pink. ireur. Brilliant rosy magenta.

Day Break. Fine pair pms.
Eclaireur. Brilliant rosy magenta.
Europe. White with crimson-carmine eye.
Frederick Passy. Light mauve-pink; white center.
LaVague. Fine mauve with red eye.
Miss Lingard. Extra fine white; pink eye.
Miss Jenkins. Large white.
Pantheon. Bright carmine-red.
Photological Salmon-pink: red eye.

Rheinlander. Salmon-pink; red eye.

Rynstrom. Fine carmine-rose.
R. P. Struthers. Cherry-red, suffused with salmon.

Thor. Beautiful salmon-pink; distinct and fine.
Widar. Reddish violet with white center.
subulata (Moss Pink).

H. 4-6 inches. White and pink. April and May.

22



Peonies.





Stokesia Cyanea.

Sedum Spectabile.

PHYSALIS Francheti (Chinese Lantern Plant). H. 2-21/2 feet. Orange-red fruits. September-October. PHYSOSTEGIA virginica (False Dragon Head).
H. 2-3 feet. Lilac. August.
†PLATYCODON grandiflora (Japanese Bellflower).
H. 1-2 feet. Blue. July-September. -grandiflora alba (White Japanese Bellflower). H. 1-2 feet. White, July-September, \*PLUMBAGO larpentae (Leadwort). H. 4-6 inches. Blue. August-September. POPPIES. (See Papaver). \* PRIMULA veris (English Cowslip) H. 6-8 inches. Yellow, April and May. PYRETHRUM roseum (Painted Daisy). H. 2-2½ feet. Various colors. May-July. -uliginosum (Giant Daisy), H. 3-4 feet. White. August-September. †RANUNCULUS repens (Buttercup). H. 6-10 inches. Golden yellow. RUDBECKIA laciniata (Golden Glow). H. 6-8 feet. Yellow. August. -hirta (Black-Eyed Susan). H. 1-2 feet. Yellow. A August-September. -purpurea (Purple Coneflower).

H. 2-3 feet. Purple. July-October.
-subtomentosa (Sweet Coneflower). H. 3-4 feet. Lemon-yellow. Purple center, July-September. **†SALVIA argentea** (Silver-leaved Sage). H. 2-3 feet. Pinkish white. June. †SAPONARIA caucasica (Bouncing Bet). H. 2-3 feet. White tinted rose. All All summer and fall. †SAXIFRAGA cordifolia.
H. 1 foot. Rosy purple. April to June.

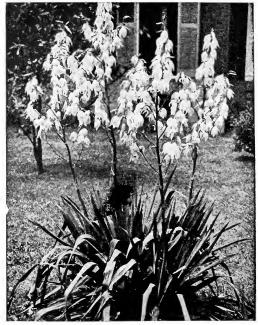
**†SEDUM acre** (Golden Moss; Moss Stonecrop). H. 3-4 inches. Yellow. June and July. Sieboldi. H. 9-12 inches. Pink. July and August. -spectabile (Showy Sedum). H. 8-10 inches. Pink. August-September.

SCABIOSA caucasica (Cushion Flower). H. 11/2-2 feet. Lavender. All summer.

SIDALCEA rosea (Greek Mallow). H. 2-3 feet. Pink. June-July.

\*SPIRAEA aruncus (Goat's Beard).
H. 3-4 feet, White. June-July.
+-fllipendula (Dropwort).
Fern-like foliage. H. 2-3 feet. White. June-July.

-ulmaria (Meadow Sweet). H. 2-4 feet. White. June-July.



Yucca Filamentosa.

†STACHYS lanata (Woolly Woundwort) H. 1-1½ feet. Purple. June and July. STATICE latifolia (Sea Lavender).
H. 1½-2 feet. Deep blue. July and July and August. †STOKESIA cyanea (Stokes' Aster).
H. 1-1½ feet. Lavender. August and September.
SWEET WILLIAM. (See Dianthus Barbatus).
THALICTRUM aquilegifolium (Feathered Columbine). H. 2-3 feet, White, June-July, adiantifolium (Dwarf Meadow Rue). Fern-like foliage, H. 1 foot, Yellow, June-July. †THYMUS vulgaris (Common Thyme; Aromatic Herb).
H. 1-2 feet. Lilac. June-July.
TRADESCANTIA virginiana (Spiderwort; Widow's Tears).
H. 1-2 feet. Purple. All summer.
\*†TRILIAUM erectum (Purple Trillium).
H. 9-12 inches. Purple. May.
\*†—grandiforum (Wood Lily or Wake Robin).
H. 12-18 inches. White. May.
TRITOMA Pfitzeri (Red Hot Poker; Torch Lily).
H. 2-2 feet Bright coral red. August to October. 50 \*THYMUS vulgaris (Common Thyme; Aromatic Herb). 2-3 feet. Bright coral red. August to October. 50c each; \$5.00 per doz.

†TUNICA saxifraga (Coat Flower).

H. 6-8 inches. Light pink. July-August.

VALERIANA officinalis (Garden Heliotrope).

Very fragrant. H. 2-3 feet. Pink. June-J Pink. June-July, †VERONICA incana (Hoary Speedwell). H. 12-18 inches. Pale blue. July July to September. -longifolia subsessilis (Long-leaved Speedwell). H. 2 feet. Blue. August to October. rupestris (Rock Speedwell). H. 4-5 inches. Blue. Apr H. 4-5 inches. Blue. Ap-spicata (Spiked Speedwell). April-May. -spicata (Spiked Speedweii),
H. 2-3 feet. Blue. June to August.
\*†VINCA minor (Periwinkle or Trailing Myrtle).
Fine for covering ground where nothing else will grow. H. 3-4
inches. Violet. April to June.
†VIOLA cornuta (Horned Violet; Bedding Pansy).
H 5-2 inches Mived colors. April-October. H. 5-8 inches, Wixed colors. April-October.
H. 5-8 inches, White, April-October.

†YUCCA filamentosa (Spanish Bayonet or Adam's Needle). (See above illustration). H. 3-5 feet. White. June Plants, 50c each. Clumps, \$2.00 each.

April-October.

June and July.



Ornamental Grass, Eulalia.

### Lilies - Lilium

Lilies are a valuable addition to the garden and should be planted more extensively. The auratum and speciosum varieties do not arrive from Japan until very late in the fall and the ground where they are to be planted should be covered with a straw or manure mulch to keep the soil in condition for planting when the bulbs arrive.

the control of planting when the barbs arrive.	Each	Doz.
LILIUM auratum (Gold-banded Lily). Very large, hand- some white flowers, spotted with red and carrying a bright golden stripe in the center of each petal\$		\$6.00
—speciosum Melpomene. Frosted white spotted, clouded and bordered with pinklsh crimson. Petals deeply re- curved and widely bordered. One of the handsomest and brightest of all Lilies	.50	5.00
-speciosum album. Large, white flowers, with a band of green in the center of each petal	.50	5.00
-speciosum rubrum. White flowers, heavily spotted with rosy crimson; exquisitely beautiful	,50	5.00
-candidum (The Madonna Lily). The old-fashioned white garden Lily; pure white, fragrant flowers in June. Must be planted early in the fall. Bulbs ready in September	.30	3.00
—superbum. The best of our native varieties and of the easiest culture. Blooms in July	.25	2.50
—tigrinum splendens. The improved Tiger Lily $\dots$	.20	2.00
LILY-OF-THE-VALLEY PIPS		.75

### Ornamental Grasses (See illustration above)

The Eulalia, commonly called Pampas Grass, are strong growing, ornamental Grasses which are best used in masses. Foliage is attractive throughout the season while the graceful plumes add to their beauty in the autumn. They grow from four to six feet high and should be more generally used.

EULALIA gracillima. Narrow leaves and very graceful ...\$0.50 \$5.00



Lonicera Halliana-Japanese Honeysuckle.

**Hardy Climbing Vines** 

Except where noted all vines are strong pot grown plants.	Each
AKEBIA quinata. Graceful vine, wonderful foliage. Purple. May.	\$0.75
AMPELOPSIS Engelmanni (Woodbine).—quinquefolia (Virginia Creeper). Woonderful foliage in fallVeitchi. The popular "Boston Ivy"	.50
ARISTOLOCHIA sipho (Dutchman's Pipe). Best vine for shady places	1.50
BIGNONIA radicans (Trumpet Creeper). Orange flowers in mid- summer	
CELASTRUS scandens (Bittersweet). Orange-yellow fruit, rapid growing. Field grown	
CLEMATIS Henryi. Large flowering white  —Jackmani. Large flowering purple  —paniculata (Star Clematis; Bridal Bower). White, fragrant	1.25
flowers in late summer; very desirable. Should be severely pruned late in the winter	
EUONYMUS radicans (Evergreen Creeper). Fine for stone or brick walls, and as ground cover	.50 .50
HEDERA helix (English Ivy)	.50
LONICERA Halliana (Japanese Honeysuckle). White and yellow.  Sweet-scented flowers. japonica aurea reticulata (Golden Honeysuckle). sempervirens (Scarlet Trumpet Honeysuckle).	.50 .50
LYCIUM chinense (Matrimony Vine). Purple flowers in late sum- mer followed by red fruit. A good climber and also very effective for covering banks. Field grown.	
PUERARIA Thunbergiana (Kudzu Vine).	-
WISTERIA sinensis (Chinese Purple Wisteria)	
-alba (Chinese White Wisteria)	



Ampelopsis Veitchi-Boston Ivy.



### Roses

All Roses in our list are grown in pots and can be planted at any time from spring until fall.

time from spring until fall.

Hybrid Perpetual Roses are entirely hardy, of vigorous growth, and have large, fragrant flowers. They should always be planted in an open location and improve greatly with rich soil and good cultivation.

Prices on all Roses: \$1.00 each; \$10.00 per dozen, except where noted. Three or more of a variety at the dozen rate. We have a large stock of Ramblers, Climbing and Trailing Roses, in large pots, suitable for quick effects, ranging in price from \$2.00 each to \$5.00 each, according to size.

### Hybrid Perpetual (Hardy)

Anna de Diesbach. Lovely shell pink—an old favorite.
Ball of Snow (Boule de Neige). Pure white, very full and double.
Capt. Christy. Delicate flesh pink, shading deeper at center—a popular variety for the garden.

Capt. Hayward. Fine, bright scarlet—one of the best.

Clio. Delightful satiny flesh with pink center. Fine for cutting.

Coquette des Alps. Lovely pure white, Fragrant and free bloomer.

Frau Karl Druschki. Commonly called the White American Beauty.

Large, snow-white flowers; prolific bloomer.



Jacqueminot. The old favorite "Jack" Rose and still very popular. Large, brilliant, scarlet, fragrant flowers.

Geo. Dickson Velvety black crimson. tra fine.

His Majesty. The "Crimson Druschki." Dark crimson; free and perpetual. Fine foli-

La Reine, Clear, bright rose, Beautiful in color and form.

Madame Masson. Massive double and full flow-ers of intense red red with crimson hue. striking variety.

Magna Charta. Extra. large full flowers. One of pink. Rosy the hardiest and best bloomers.

Marshall P. Wilder. Deep rich, glowing red. A very strong grower.

General Jacqueminot Roses.



Margaret Dickson.

### HYBRID PERPETUAL ROSES-Continued.

Mrs. John Laing. Beautiful clear, shining pink flowers. Sweetly scented. A very popular Rose.

Sharman-Crawford. flowers of deep rosy pink, outer petals delicately flushed with pale flesh.

l Neyron. Very large, bright, shining pink flowers. Very beautiful and sweetly fragrant. Paul Neyron. Vigorous grower, and stems almost thornless.

ch Brunner. Brilliant cherry red flowers of immense size and bold, globular form.

### Hybrid Tea Roses (EVERBLOOMING OR MONTHLY)

These Hybrids are among the choicest, and their fragrant flowers are borne continuously until late frosts. In t from until late frosts. In this vicinity they should have the protection of a strawy manuscript

Wargaret Dickson. they should have the protection of a strawy manure mulch over winter, plants at \$1.50 each or \$15.00 per dozen. These are extra fine plants. \*Angelus, Fine white with sometimes a creamy center when open; buds pure white on long, stiff stems; foliage deep glossy green. Antoine Rivoire. Creamy white, delicately tinted plnk.

Bessie Brown. Fine white, flushed with pink.

Columbia. Peach-blow pink flowers. stems; nearly thornless. A large Rose with long, stiff

\*Double White Killarney. One of the most exquisite of the white varieties.

Etoile de France. Brilliant shade of clear red crimson velvet.

Francis Scott Key. Red, shading to cerise; very large flowers.

Gruss an Teplitz. Vivid, dazzling crimson flowers.

\*Hoosier Beauty. Glowing crimson-scarlet with darker shadings.
grant; blooms all summer. Fra-

Jonkheer J. L. Mock. Clear, imperial pink, reverse of petals rosy, silvery white. Very large flowers. One of the best.

Kaiserin Augusta Victoria. Fine, pure white. A most sturdy grower, blooming from early summer until late frost.

Killarney Brilliant. New. Wonderful bright true pink.

La France. Silvery rose, with pink shades.

Madame Caroline Testout. Brilliant satiny rose.

\*Mme. Butterfly. All the color tones of the Ophelia are intensified in this variety, but it produces more blooms to the plant.

My Maryland. Soft salmonpink; extra fine.

\*Ophelia. Brilliant salmonshaded rose on edge of petals. pink, Very fragrant and free bloomer.

\*Premier. Color is deen rose-pink without shadings. Highly fragrant. Immense flowers borne on heavy canes almost thornless.

Sunburst. Orange-copper or golden orange and golden yellow. Extra large flowers. Long

Prices on all Roses, \$1.00 each; \$10.00 per dozen, except where noted. Three or more of a variety at the dozen rate.



Gruss an Teplitz.



Crimson Rambler Roses,

Baby Rambler and Dwarf Polyantha

These are of the dwarf habit but bloom freely, are easy to handle and always delight the rose enthusiast. They are especially useful for edging beds of taller growing Roses or in masses. They should have the same protection in winter as the Hybrid Teas.

Ellen Poulsen. Dark brilliant pink, large full flowers, and very sweet-They should have the

scented.

Mme. Norbert Levavasseur. The Crimson Rambler in dwarf form with the same clear brilliant red flowers. Grows about 20 inches in height and blooms freely until frost.

Orleans. Brilliant geranium red, suffused rose and deep cerise. Grows and blooms freely. About the showlest of the pink "Baby" class.

### Climbing Polyantha or Ramblers

We have a large stock of the Rambler, Climbing and trailing Roses named in the above list, in large pots, suitable for quick effects, ranging in price from \$2.00 to \$5.00 each, according to size.

American Pillar. Large, single flowers of rich, rosy pink, approaching brilliant carmine. Just a glint of white at center and golden yellow stamens. A new and valuable climber originated by the U.S. Government Department of Plant Introduction.

Crimson Rambler. The most popular out-of-door climber of today. Rich clusters of bloom form a mass of vivid crimson beauty until late in the season.

Gold Finch. Good yellow; opening to medium size; cream colored

blossoms. Graf Zeppelin. An attractive coral red of vigorous growth, abundantly. Highly recommended.

Deep lemon-yellow, double flowers. Very fragrant Keystone Rambler.

Keystone Rambler. Deep remon-yearen, and a rapid climber.

K. W. Routenstrauch. Delicate salmon-pink, center bright yellow, reverse of petals whitish. Very floriferous and continuous.

Pink Rambler. A vigorous climber, producing large trusses of delightfully fragrant flowers of deep pink.

Rosarie, An improved Tausendschoen with same habit of growth but superior in color. Flowers of cerise-pink or carmine. Very free

Prices on all Roses, \$1.00 each; \$10.00 per dozen, except where noted. Three or more of a variety at the dozen rate.



Tausendschoen Roses.

### CLIMBING POLYANTHA OR RAMBLER ROSES-Continued.

Tausendschoen. Commonly called "Thousand Beauties." Varying shades from a delicately flushed white to deep pink or rosy carmine in bright clusters of blossoms almost covering the handsome pale green follage. A vigorous climber with few thorns.

White Rambler. A strong growing climber with clusters of fine white

flowers.

Yellow Rambler. Double golden yellow flowers in large clusters.

### Hybrid Wichuraiana Roses

Climbing American Beauty. Deep pink to soft carmine-cerise, strong grower. Debutante. Light

Debutante. Light pink, passing to white. Double blooms in clusters with delicate odor of the Sweetbriar.

Dorothy Perkins. Beautiful shell pink color which holds for a long

Very sweet scented flowers. time.

Dorothy Perkins. White. Same as above, except color of flowers.

Dr. W. Van Fleet. Delicate shade of flesh pink, deepening to rosy flesh in the center. Buds pointed. Flowers full and double. Open to an

in the center. Buds pointed. Flowers full and double. Open to an immense diameter. Sweetly perfumed, beautiful bronze-green foliage. Elizabeth Ziegler. A more decided pink than Dorothy Perkins. Excelsa. Intense crimson scarlet, double flowers in brilliant clusters set in glossy shining foliage. Extremely vigorous and the handsomest of all red climbers. An improvement over the popular Crimson Parkley.

Rambler. Gardenia. Bright yellow, opening cream; fragrant and early flowering. Hiawatha. Glowing ruby-crimson with a clear white eye. Single flowers in clusters. Light, glossy green foliage.

Lady Gay. Cherry-pink, fading to soft white. A perfectly hardy va-

riety.

rlety.

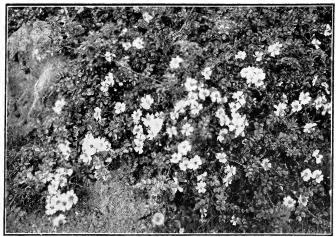
Paul's Scarlet Climber. This is probably the most important addition to our list of climbing Roses in many years. No other Rose in any class can compare with it for brilliancy of color, which is a vivid scarlet that is maintained without fading until the petals fall. Flowers are of medium size, semi-double and very freely produced in clusters on much branched canes, the plant being literally covered with flowers from top to bottom. A variety of exceptional merit. Highly recommended.

Silver Moon. Clear silvery white with a mass of bright yellow stamens. Exceedingly large and fragrant flowers. A very free blooming variety and highly recommended.

riety and highly recommended.

Universal Favorite. Beautiful rose-pink; large and double. A rapid climber of free branching and blooming habit.

Prices on all Roses, \$1.00 each; \$10.00 per dozen, except where noted. Three or more of a variety at the dozen rate.



Wichuraiana Roses.

### Setigera or Prairie Roses

Baltimore Belle. Pale blush, passing to white. Very double flowers in beautiful clusters. One of the old reliable climbers.

Prairie Queen. Bright rosy red, large, compact, globular flowers in

clusters. An old favorite.

Tennessee Belle. Bright rosy pink. A strong climber and generous bloomer.

#### Multiflora Roses

Seven Sisters. Flowers in large clusters, varying from rosy red to blush white, several shades being frequently found in the same cluster. Another standard favorite.

### Wichuraiana Roses

Wichuraiana (Memorial Rose). Pure shining white single flowers with bright golden center. Glossy dark green leaves. Especially useful on embankments, as it grows close to the ground and roots where the branches touch.

## Moss Roses

Crimson Globe. Deep crimson; large and full; nicely mossed. Henri Martin. Light glossy red, tinged with crimson. Finely mossed. Mousseline. Fine pure white. Heavily mossed. Princess Adelaide. Bright rosy pink; large, double and fragrant buds

beautifully mossed.

Salet. Rose-pink, Very large; full and beautifully mossed.

## Miscellaneous Roses

Sweet Briar (Eglantine). Distinguished by the fragrance of its leaves.
The fruits are also decorative.

Rosa rugosa alba. Handsome, glossy green foliage, and clusters of beautiful, fragrant, single, white flowers nearly all summer. In autumn and winter attractive on account of the large, brilliant red seed pods. Grows to a height of 6 feet and is thickly covered

with thorns and bristles, making it excellent for hedge purposes.

Rosa rugosa rubra. Same as above, except has rosy carmine flowers.

Rosa rugosa hybrida (New Century). Beautiful rosy pink in clusters of large, full, and double flowers.

Rosa rugosa hybrida (Sir Thos. Lipton). The best double white rose in its class. Beautiful free bloomer of most vigorous habit.

We have a large stock of the Rambler, Climbing and Trailing Roses named in the above list, in large pots, suitable for quick effects, ranging in price from \$2.00 to \$5.00 each, according to size.

Prices on all Roses, \$1.00 each; \$10.00 per dozen, except where noted. Three or more of a variety at the dozen rate.

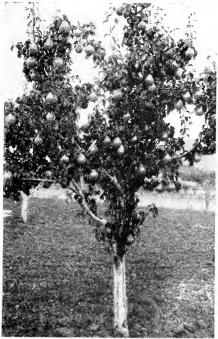
Hardy Nymphaeas or Water Lilies	
A select list of the most suitable varieties for all Hardy W Garden purposes. Ready April 15th to June 1st.	ater
Alba candidissima. A very vigorous and desirable variety, requir-	
Alba candidissima. A very vigorous and desirable variety, requiring ample space; flowers large, pure white, sepals occasionally	
flushed with pink	1.50
very massive. A robust grower	1.50
LAYDERERI Durburea. Flowers rosy crimson, darker in the	
center, outer petals light rose	2.00
MARLIACEA chromatella. Petals and stamens bright yellow. 4	
to 6 inches across. A very strong, free and continuous bloomer.  One of the best Water Lilies for cutting	2.00
-rosea. A splendid companion to the yellow variety Chromatella,	2.00
which it resembles in all particulars except color, flowers being	
a soft rose pink	2.50
ODORATA (The Native White Pond Lily). Very desirable for	
planting in quantity in natural ponds for effect and for cut	
nowers. All water Lilles of this type are suitable for natural-	.50
izing	.50
<ul> <li>—gigantea (The Native White Lily of the Southeastern United States). Flowers pure white, 5 to 7 inches across. A very strong, vigorous grower</li> <li>—minor (The Miniature White Water Lily). Very dainty and sultable for tubs and small pools</li> </ul>	
strong, vigorous grower	.75
-minor (The Miniature White Water Lily). Very dainty and	
suitable for tubs and small pools	.50
-sulphurea grandifiora. The fragrant flowers are sulphur yellow, 4 to 5 lnches in diameter, and stand 3 to 4 inches out of the	
water	1.50
TUBEROSA. A native white variety of very strong growth, flow-	1.00
ers from 4 to 9 inches across, produced in moderate quantity.	
The various varieties of Tuberosa are suitable for planting in	
deep water, and should have plenty of room to spread	.50
-maxima. A free flowering variety of the above; 4 to 8 inches	F.0.
across; pure white; fragrant	.50
Flowers pure white and quite double. No variety in our Water	
Garden is admired by visitors more than this. The immense	
Garden is admired by visitors more than this. The immense snowball-like flower, 8 inches in diameter, was declared to be	
the finest white Water Lily of all	1.00
-rosea. Flowers an exquisite shade of pink. A vigorous grower,	4 00
of the easiest culture	1.00
a good ruby tone through it, intensified by the rich golden	
center	5.00
Nelumbiums or Lotus	
Note. Nelumbiums can only be supplied in dormant tubers from	Мау
1st to June 1st.	ach
Album grandiflorum. A grand white variety, whose purity, fra-	
grance, size, majestic foliage and hardiness stamp it as one	
grance, size, majestic foliage and hardiness stamp it as one of the best  Luteum (American Lotus; Water Chinquapin). A superb variety	0.00
with yellow flowers; indigenous to the Western and Southern	
States. It has been introduced into the Eastern States, where,	
as a rule, it grows as freely as any native plant. Dormant	
tubers	2.00
Roseum. Flowers uniform deep rose-pink; very free blooming Speciosum (Egyptian Lotus). The best known variety and the easiest to grow; desirable for naturalizing in ponds, where the	3.00
speciosum (Egyptian Lotus). The best known variety and the	
magningent tollage and sliberd nowers broduce a spielidid suv-	
tropical effect. Flowers 8 to 12 inches across, of a deep rose	
color, creamy white at base of petals; exquisite for cutting.	
Dormant tubers	2.00
We can also supply miscellaneous aquatics for garden pools and	ior
aquariums. List of varieties and prices on application.	



# Fruits

One of the very desirable features of a country estate is its ample provision for the growth of fresh fruits and vegetables. On lim-ited plots of ground it is also possible to grow a few of the most ap-proved prolific bearing trees and bushes for private use. A small group of shrubbery in a backyard, designed to screen the objectionable views of adjacent prop-erty, may well be com-posed of a few bush fruits and dwarf fruit trees instead of flowering shrubs entirely.

There is little advan-tage in the planting of large fruit trees. The true worth of a tree rests not in how long it will take to bear, but how well established it may become in the first few years after setting out. Quicker and more satisfactory results are obtained by planting small trees that estab-lish themselves well from the start than by planting a semi-mature tree that has to put up a great struggle for ex-



Young Standard Pear Tree.

istence by reason of its changed environment and insufficient root system.
APPLES. Each
All standard varieties, 5 to 6 feet\$1.25
Summer Apples. Red Astrachan, Yellow Transparent.
Autumn Apples. Maiden's Blush.
Winter Apples. Baldwin, Grimes Golden, Hubbardston, Jonathan,
King of Tompkins County, Northwest Greening, Rome Beauty,
Spitzenburg, Winesap, Winter Banana, York Imperial.
Dwarf Apples. Standard varieties
Crab Apples. Hyslop. Best variety for felly 2.00
CHERRIES. 5 to 6 feet
Sweet Varieties. Governor Wood, Windsor, Yellow Spanish.
Sour Varieties. May Duke, Morello (light).
PEARS. 5 to 6 feet
Seckel, Bartlett, Kieffer, Duchess.
PEACHES. 5 to 6 feet
Carman, Crawford Early, Crawford Late, Elberta, Ray,
Rochester.
PLUMS. 5 to 6 feet
Lombard, Wickson, Abundance.
QUINCES. 4 to 5 feet
Orange, Champion. GRAPES—Continued.

ASPARAGUS. 2-year plants, \$1.25 per 25; \$4.00 per 100. Conover's Colossal, Palmetto. BLACKBERRIES. 20c each; \$1.50

per 10.
Early Harvest, Eldorado.
CURRANTS 50c each; \$4.00 per 10.
Red Varieties. Fay's Prolific,
London Market.
White Variety. White Grape.
Black Variety. Black Champion. GOOSEBERRIES. 50c each; \$4.00

per 10.
White Variety. Chautauqua.
Light Green Variety. Downing.
Red Variety. Red Jacket.
Red Variety. Red Jacket.

GRAPES. Two-year-old vines, 50c each; \$4.50 per 10.
Black-blue\_Varieties. Concord, Moore's Early.

Red Varieties, Regal, Delaware. White Variety, Niagara. ASPBERRIES, 15c each; \$1.25 per 10; \$9.00 per 100. Black Varieties. Columbian. RASPBERRIES.

Cumberland.

Yellow Variety. Golden Queen. Cuthbert, St. Varieties. Red Regis Everbearing.

STRAWBERRIES.

Standard Varieties. Layers. handard Varieties. Layers, over per doz.; \$3.00 per 100; \$20.00 per 1000. Pot grown, Ready in August. \$8.00 per 100. rogressive Everbearing. The most prolific variety. Layers,

Progressive most prolific variety. Layers, April planting, 60c per doz.; \$4.00 per 100. Pot plants, September planting, \$1.25 per doz.; \$9.00 per 100.



Caladium Esculentum-Elephant's Ear.

# Roots, Tubers and Bulbs for **Spring Planting**

The culture of these flowers is a comparatively easy task, and yet it provides the best of the showy garden flowers. After the danger from frost has passed in the spring of the year, these flowers may be started, and if they are given a sunny position one can be assured of a very fine effect the same season.

AMARYLLIS vittata. A tender plant, with flower stems 2 to 3 feet tall,

TUBEROSE

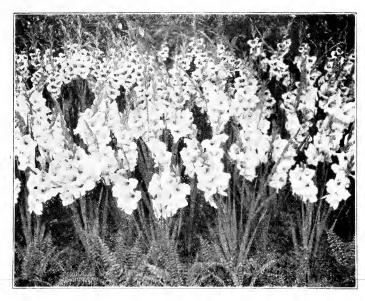
Extra large bulbs

AMARYLLIS vittata. A tender plant, with flower stems 2 to 3 reet tail, bearing four to six red flowers, striped and edged with white. A satisfactory house plant. 75c each,
BEGONIAS. Tuberous-rooted. Finest single and double, in red, pink, yellow and white. Roots, 15c each; \$1.50 per doz. Potted plants in bloom, 50c each, and upward.

(ALLA Elliottiana. This is the great new Yellow Calla of marvelous beauty. Flowers are large, rich, dark golden yellow, often 4 to 5 inches across the mouth; leaves are beautifully spotted with white.

50e each; \$5.00 per doz.

CALADIUM esculentum (Elephant's Ear). Unequaled as a foliage plant. The leaves are shield-shaped, bright green, often measuring Unequaled as a foliage 3 feet or more in length and breadth. Needs very rich soil and an abundance of water. Each Doz. ..\$0.10 First size ....... Second size Extra large 2.00 .25 3.00 Mammoth Mammoth
CINNAMON VINE. Hardy, rapid growing climber, with deli-1.00 .10 .25 2.50 .50



# Gladioli

Summer-flowering bulbs of the very easiest culture, and with a wide range of color. Elegant for the garden or beautiful for cut flower purposes. For the latter use they should be cut when the first flower opens; the balance of buds will develop when the spikes are placed in water and thus greatly prolong the blooming term. Plantings may be made every two weeks to provide for a succession. We offer a selection of the best named varieties.

E	ach	Doz.	100
America. Conceded to be one of the finest varieties			
for cutting or bedding ever set out; color a beau-			
tiful soft flesh pink; orchid-like in its coloring			
and texture\$	0.07	\$0.75	\$ 5.00
Baron Hulot or Blue King. A really fine blue Glad-		+ 0	,
iolus; in color a rich, royal violet-blue, very ef-			
fective when cut and used in conjunction with a			
	.12	1.25	10.00
yellow variety	.12	1.20	10.00
Halley. Large open flowers of a delicate salmon-	0.77		5.00
pink; very early	.07	.75	5.00
Mrs. Francis King. A striking shade of light scar-			
let or flame color; one of the most effective	.07	.75	5.00
Mrs. Frank Pendleton. All experts agree that this			
is one of the finest varieties yet introduced. The			
flowers are of largest size, borne on strong			
straight spikes. In color a lovely salmon-pink			
with brilliant deep red blotches in the throat. A			
color combination rivalling many of the finest			
orchids in its richness; exquisite in every way	.10	1,00	7.50
Niagara. A charming variety; of a delicate cream-			
yellow, lightly marked and splashed with rosy			
carmine in the throat; beautiful as a cut flower.	.10	1.00	7.50
Peace. Immense pure white flowers with a touch of	.10	1.00	
carmine in the lower petals. These are borne on			
tall, graceful spikes; a beautiful and exceedingly			
refined variety	.10	1.00	7.50
Panama. A favorite wherever high grade varieties	.10	1.00	4.50
	.10	1.00	7.50
are grown; in color a rich, rose-pink Schwaben. A most meritorious variety of wonderful	.10	1.00	1.50
vigor, with strong, erect spikes and large well			
expanded flowers of a clear canary-yellow with a			
small blotch of deep garnet in the throat. This			
may now be considered the best and freest			
growing yellow variety	.12	1.25	8.00
War. A magnificent dark variety with tall spikes			
well filled with large flowers of a rich blood red			
shaded with crimson-black	.15	1.50	10.00
Popular Mixture. This special mixture is composed			
of good sized bulbs that have a good range of			
color		.50	3.00

## EMITH COMPANY, PITTSBURGH, PA



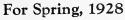
Asters.

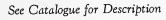
# **Bedding Plants**

ABUTILON. Erect and trailing 25c each	
ACALYPHA. According to size\$1.50 and	\$2.50
ACHYRANTHES. Dark crimson. Narrow leaf75c and	1.00
Green Leaf	1.25
Bright Red	1.25
AGERATUM, In variety	1.00
ALTERNANTHERAS. These plants should be set in a bright,	
sunny place. The low, compact growth, combined with the	
green, red and yellow of the foliage, make them of the great-	
est value in carpet-bedding and for borders. The plants will	
stand shearing to almost any height, but they are usually kept	
about 5 inches tall. The foliage is the attractive feature, as	
the flowers are small and inconspicuous\$5.00 per 100	
ALYSSUM	.75
ASTERS. Next to sweet peas, Asters are the most popular annual	
for any garden. The colors-purest white to deepest purple-	
the size of the blooms, the long stems, put them far ahead of	
other flowers for cutting and decorations. The branching va-	
rieties are the best for general cultivation; they will grow in	
any decent soil, are comparatively free from disease and in-	
sects, and will produce quantities of flowers from the middle	
of August to late October. We have small plants for growing	
in the home garden, that we have raised from an extra choice	
strain of seed. The colors include white, light pink, red,	
lavender and purple. From 2-inch pots	.75
BEGONIA semperflorens. Bedding varieties suitable for sun or	
shade. 24-inch pots.	
-Erfordi, Rosy carmine	.75
-gracilis. Delicate rose color	.75
-luminosa. Brilliant, flery, dark scarlet	.75
-Vernon. Bright orange-carmine; deep red foliage	.75
CALADIUM (Elephant's Ear). Potted plants\$2.00 to	4.00
Fancy-foliaged. Potted plants	4.00
CALLIOPSIS. Annuals	.75

# Revised Prices on

# BEDDING PLANTS







Each Dozen	
ABUTILON\$ .25 to \$ .35	
ACALYPHA, according to size\$2.50 and \$3.50	)
ACHYRANTHES 1.00 and 1.50	)
Green Leaf 1.00 and 1.50	)
Bright Red 1.00 and 1.50	)
AGERATUM 1.50	9
ALTERNANTHERAS, \$6.00 per 100 1.00	0
ALYSSUM	0
ASTERS—From 2 inch pots	0
BEGONIA. Semperflorens—24 inch pots	
Erfordi	n
Gracilis	
Luminosa	
Lummosa	
VCINOII	
CALABICH (Elephant's Lat) Saids Sing (Control Late)	-
CALLIOPSIS	U
CANNAS	
Finest tall and dwarf varieties \$2.50 dozen.	
ALPHONSE Bouvier. Deep Cardinal. 5 to 6 feet.	
CITY OF PORTLAND. Pink, green foliage. 3½ feet.	
FLORENCE VAUGHAN. Orange-yellow, peppered bright red	1
4 feet.	
KING HUMBERT. Great orange-scarlet flower; the premium bronze-leaved canna.	n
MRS. ALFRED CONRAD. Exquisite salmon-pink flowers; greet foliage.	n
PRESIDENT. Scarlet; green foliage; very large flower. 4 feet	t.
WINTZER'S COLOSSAL. Largest flowers of all Cannas; brigh scarlet; vigorous grower and very free flowering, 5 feet	ıt t.
YELLOW HUMBERT. Yellow flowers dotted orange scarlet dark green foliage. 4½ feet.	;
STATUE OF LIBERTY. Bronze foliage, scarlet flower, 6 to 7 fr	t.
CENTAUREA Gymnocarpa (Dusty Miller) Each St. \$1.0	
-Cyanus (cornflower)	
COSMOS—2¼ inch pots	
	-
3 inch pots 1.5	0
Verschaffelti.	
-Golden Bedder.	
—And others.	
CROTONS, all sizes\$.50 each and upward	
CYPERUS (Umbrella plant)\$.25 to \$1.00 each	ıs
DRACATIVA In venichy	h
DRACAENA. In variety\$2.00 and upwar	ď
FEVERFEW. From 4 inch pots	00
FUCHSIAS	·la
(Over)	

#### GERANIUMS

#### All varieties \$3.00 per dozen.

ARD. Scarlet.

POITEVINE. Salmon.

D. PRESSILY. Pink.

). Salmon.

BERLIE. Pink Centre.

L PERT. Scarlet.

LeFAVORITE. White.

MAD. BARNEY. Pink.

MDE. SALLEROI. Variegated foliage. Border Geranium.

MAD. LANDRY. Deep Salmon.

RADIO. Scarlet.

MRS. E. G. HILL. Salmon.

S. A. NUTT. Dark Red.

IVY. Hardy English\$ .25	\$ .50 Each	\$ .75	\$1.00 ea. Doz.
Parlor or German	.25		
LARKSPUR, Annuals			1.00
LOBELIA. Compact or trailing			.75
MAURANDIA VINE	.25		
MOON VINE	.25		
NASTURTIUMS. In fine variety 3 in.			1.00
PANSIES. \$6.00 per 100			1.00
PETUNIAS—Single varieties \$1.00 dozen—	\$6.00	per 100	
-Giants of California.			
-Rosy Morn.			
-Rose of Heaven.			
-Howard's Star.			
-Snowball.			
-Balcony Varieties trailing.			
DOUBLE Varieties assorted	.25		2.50
PENNISETUM (Flowering Grass) for borde	r		1.00
PHLOX DRUMMONDI. 2 inch pots			1.00
SALVIA-2½ inch pots-\$1.00 per doz. 3 in	ch po	ts \$1.50	per doz.
-America (The best)			
SNAPDRAGON. Pink, red, white, yellow o		ed \$6.0	0
per 100			1.00
THUNBERGIA—Strong			.25
TRADESCANTIA. Plain and variegated, from 2 inch pots			* 00
TUBE ROSES (bulbs only)			1.00
VINCA. Trailing			.50
3 inch pots			
4 inch pots			2.00
-Flowering three colors			3.00
VERBENA. \$6.00 per 100			1.50
LEMON VERBENA		4. 05	1.00
BASKET or VASE PLANTS. Such as Cupher		to 25 e	ents each
Saxifrages, Mesembryanthemum, etc.			- 00
	•		1.00
(0)			

(Over)



Cannas and Other Bedding Plants.

#### Cannas

For a showy bed of color in front of a shrub border, or for a lawn bed combined with caladiums and coleus, Cannas are indispensable. The plants should be set in a sunny place, in soil that has been well worked, using a liberal quantity of well-rotted manure. During hot weather, water freely. Cut the flowers as soon as they wilt, to prevent seeds forming. The varieties listed here include the best of the vent seeds forming. The varieties listed here include the best of the Orchid-flowering and Crozy varieties as well as the old familiar sorts. We have given special care to growing these plants and have a fine Finest Tall and Dwarf Varieties, \$2.00 per dozen.

Alphonse Bouvier. Deep cardinal. 5 to 6 feet.

Austria. Yellow, few streaks of pink.

Burbank. Rich canary-vallam mith.

Burbank. Rich canary-yellow, with crimson spots. 5 feet. David Harum. Bright vermilion-scarlet, mottled deep red. Duke of Marlborough. Rich crimson-maroon. 5 feet. Discolor. Tall follage variety; red flowers. 7 feet. Egandale. Bronze foliage; currant-red flowers. 3 to 4 feet.

Eureka. Very best white for all purposes. 4½ feet.

Firebird. Glistening scarlet; immense heads of bloom; green-leaved; Fireka. Very best win.

Firebird. Glistening so very choice variety. Flamingo, Green follage, brilliant red flowers. p teet. Florence Vaughan. Orange-yellow, peppered bright red. Gladiator, Brassy yellow, lower petals crimson. 3 feet. Goldbird. Flowers soft canary-yellow.

Hungaria. Clear light pink flowers; green follage. 3 feet. Hungaria, Clear light pink flowers; green foliage, 3 feet.

J. D. Eisele. Brilliant vermilion-scarlet; fine bedder. 5 feet.

King Humbert. Great orange-scarlet flowers; the premium bronzeleaved Canna. Mme. Berat. Pink; bronze foliage. Mrs. Alfred Conard. Exquisite pink flowers; green foliage. Pennsylvania, Tall, with rich green leaves and vermilion-scarlet flowers President Faure. Massive bronze foliage; red flowers. 6 feet. Queen Charlotte. Scarlet center, bordered yellow. 3½ feet. Rosca Gigantea. Large flowers of rich rose; very fine. Rubin. Dark foliage; ruby-red flowers. 4 feet.

Shenandoah, Red leaves, pink flowers. 4 to 5 feet.

Doz. .75 CENTAUREA gymnocarpa (Dusty Miller) ..... cyanus (Cornflower)

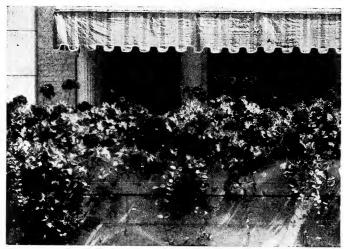
SSMOS. A tall, strong growing plant that produces quantities of flowers in the fall. The plants will grow from 3 to 6 feet high, and yield hundreds of flowers 3 inches or more across, and ranging in color from pure white to purple and from dainty pink to the deepest crimson. Strong plants. 2%-inch pots... COSMOS.

yellow. 31/2 feet. Wintzer's Colossal. Largest flowers of all Cannas; bright scarlet; vigorous grower and very free flowering, 5 feet.

Yellow Humbert. Yellow flowers dotted orange-scarlet. Dark green foliage. 4½ feet.

Crimson-scarlet center, bordered golden,

Souvenir d'Antoine Crozy.



Geraniums in Window Box.

Doz.

COBAEA scandens. A rapid growing, tender climber, useful for training about the veranda; flowers large, purple, and shaped COLEUS.

Strong 2¼-inch plants, 75c per doz.; 3-inch, \$1.50 per doz. ysburg. Red and white, yellow edge. -Gettysburg.

-Verschaffelti. Rich velvety crimson.

-Golden Bedder. Golden yellow. CROTONS. Plants with many forms of foliage, with handsome and brilliant colors, ranging from white to crimson and light pink to brilliant colors, ranging from white to crimson and light pink to deep scarlet with tints of yellow and orange. Some sorts are of one color only, others combine two or three, while still other varieties have all the colors of the rainbow. The Crotons are useful as vase-plants or in veranda boxes, as the lack of moisture in such places is not specially injurious; but they should have ample sunlight if the colors are to be brought out to best advantage. Planted in clumps or masses in the garden they are very attractive; so too, when potted as a single specimen and used as an indoor plant, for which purpose the most brilliantly colored specimens are desirable. We have a large assortment of varieties and in varying sizes. Prices according to size. 75c and upward.

CYPERUS (Umbrella Plant). 10c to \$1.00 each.

DRACAENA. In variety. 50c each and up.

Doz. From 2-inch pots .....\$1.00 pot plants

## Geranium

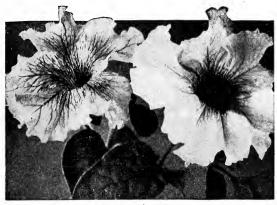
For bedding purposes no plants are superior to Geraniums. They enjoy the hot sun, will grow in any soil, produce quantities of flowers and do not require "petting." Added to these good points is the fact that they not affected by the soot, smoke, and sulphur in the air of this section. We have an unusually good stock this year—strong, bushy plants in bud and bloom. The list of varieties is large and includes section. the best and most popular sorts.

All varieties, 25c each; \$2.50 per dozen.

A. Richard. Scarlet; best bedder. Beaute Poitevine. Shrimp-pink. Boutard. Salmon; very free. Francis Perkins. Charming deep rose, Hydrangea-pink. Jean Oberle.

Klippert. Brightest scarlet; free.
Margaret Montmort. Bright violet-red; fine bedder.

S. A. Nutt. Dark crimson flowers.



Petunias.

HELIOTROPE. 3-inch pots, \$2.00 per doz.; 4-inch pots, \$3.00 per doz.

Mme. Bruant. Dwarf; compact. Chieftain. Strong grower; great bloomer. HYDRANGEA hortensis otaksa. \$1.00 each and upward, according to size.

LOBELIA. MORANDIA VINE

MOON VINE

MUSA ensete (Abyssinian Banana). A splendid plant for the open air in summer, producing a most striking effect when planted singly or in groups. In our hot summers it luxuriates .15 .15

and attains gigantic proportions when freely supplied with manure and water. A tender perennial. Strong plants, \$1.00 Doz up. 

autumn. For best results the flowers should be gathered and all seed pods cut off. We grow our own seed and the strain is

take care of themselves. For general pur rieties are best, as they bloom more freely.

A.B.M.CO. .

Pansy.

Single varieties, 60c per dozen; \$4.50 per 100. —Giants of California, Large and finely marked.

Pink; Rosy white Morn. throat.

Pink. Brilliant. Howard's Star.

White star in center. Snowball. White.

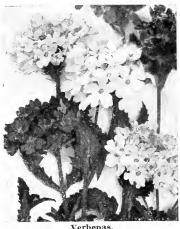
-Showban, white.
Double varieties, \$1.00 per doz.
-Variegated and White.
PENNISETUM (Flowering Grass). For borders .......... 1.00

PHLOX Drummondi. 2-inch pots. SALVIA. The flowering Sages are among the most brilliant and showy annuals. The plants begin blooming the latter part of August and latter part of August and continue to give quantities

of flowers until frost. 21/4-inch pots, \$1.00 per doz.

-America. Dwarf and very free flowering. Finest of all Salvias in every respect.

-Burning Bush. Flowers of the largest size on long spikes. Grows 21/2 feet high.



De	z.
SNAPDRAGON. Pink, red, white, yellow or mixed. \$5.00 per 100\$0.	76
THUNBERGIA. Strong vines15c each.	
TRADESCANTIA. Plain and variegated. From 2-inch pots	75
VINCA, Trailing.       3-inch pots       2.         4-inch pots       3.         —Flowering. Three colors       1.	.00
VERBENA. These are most effective when planted in large beds. The soil need not be above the average found in any garden, but the plants thrive best in sunshine, and the colors are more brilliant. We can supply a fine assortment of	

varieties and our plants are extra strong. \$4.00

100

LEMON VERBENA. Fragrant, lemon-scented foliage. 15c to 25c each.

# **Porch and Window Boxes**

The adornment and accentuation of architectural beauties by the use of flowers and foliage of a tasteful choice and arrangement is a consideration that is of no mean importance.

Our representative will be pleased to call and give you suggestions and an estimate of cost that will cover your needs in this respect.

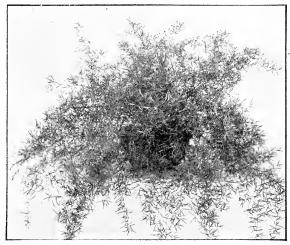


The Savo Flower and Plant Boxes are made of heavy galvanized steel, artistic in design. The watering is easy, the drainage ample, the air circulation perfect. They are beautifully finished in aluminum, gilt or dark green, and will last in constant use many years.

Directions for Using: First place coarse gravel, pebbles, broken flower pots, or moss, about an inch deep over the top of the double-arched reservoir, then fill the box with good, rich, black dirt, fill the reservoir with water, and sow the seed or install the plants and see them grow.

#### STANDARD STOCK SIZES AND PRICE LIST

	:	Height	7	Width	1	ength	Each
Model A.	8	inches,	$9\frac{1}{2}$	in <b>c</b> hes,	23	inches	\$3.00
Model B.	8	inches,	9 1/2	inches,	29	inches	4.00
Model C.	8	inches,	9 1/2	inches,	35	inches	4.50
Model D.	8	inches,	9 1/2	inches,	41	inches	5.0θ
Model E.	8	inches,	12	inches,	12	inches	3.00
Model F.	12	inches.	12	inches.	12	inches	



Asparagus Sprengeri.

# Palms, Ferns and Other **House Plants**

The modern house is not adapted to growing palms, ferns and other plants of this class, because of the lack of proper atmosphere and heat conditions. All such plants thrive best in warm and moist atmospheres, such as are possible within greenhouses in northern climates. Then, too, it requires the skill and knowledge of those who have made the study of such plants their life occupation. The results, therefore, obtained in the care of house plants by those who attempt it are variable; nevertheless, in all instances, the satisfaction of having the beauty of the palm, fern or croton in the home for even a little while is very great, and they do indeed add greatly to the cheerfulness and beauty of the home surroundings. The dry atmosphere caused by the various modern heating arrangements in the home is responsible, more than modern heating arrangements in the home is responsible, more than anything else, for the deterioration of house plants, and the best way anything ease, for the deterioration of noise plants, and the best way to combat this is to spray the foliage frequently with water. Keep the plants out of draughts, either hot or cold, and water carefully and thoroughly when the soil shows signs of drying. Do not allow water to stand in jardinieres. Keep the plants as near daylight as possible.

An application of lemon oil, or some other good insecticide is good when the leaves show signs of insect or scale life. A list of some of the most durable house plants with sizes and prices, follows:

Each
ASPARAGUS sprengeri. This beautiful plant demands plenty of
light, warmth and water. Grown in a hanging basket or in a
pot placed on a tall pedestal, it makes a perfect fountain of
green. We have them from small pot plants at 25c to large
pans at\$3.00
ARECA lutescens. 5- to 6-inch pot, 26 to 28 inches high 5.00
7-inch pot, 36 to 42 inches high
8-inch pot, 36 to 42 inches high
10-inch pot, 5 feet high
CROTONS. 5-inch pot, 16 inches high
18 inches high
20 inches high
6-inch pot, 22 inches high
24 inches high 4.00
26 inches high
7-inch pot, 28 inches high
30 inches high
10-inch pot, 4 to 5 feet high
CYCAS. 24 inches, 24 inches diameter 5.00
30 inches high, 30 inches diameter
36 inches high, 36 inches diameter 10.00
DAVALLIA fijiensis. A very ornamental and beautiful Fern. In
pots, \$1.00 each; pans measuring 18 to 24 inches in diameter 5.00
-bullata (The Common Fern Ball). Made and grown in ball form.
When drenched at intervals by dipping into water and hung in
the sunlight and warm room, it thrives vigorously 1.50

A. W. SMITH COMPANI, PITISBURGH, PA.
DRACAENA terminalis. Red leaves. 4-inch pot   \$2.00
Blooming Plants
We carry on hand at all times the seasonable blooming plants such as listed below; EASTER LILY PLANTS, March and April, 50c per flower or bud. PRIMROSES, January to May, 50c to \$1.50 each. CYCLAMEN, November to April, 50c to \$5.00 each. BEGONIA, Glory of Cincinnati, December to April, \$1.00 to \$5.00 each. BEGONIAS, Old-fashloned varieties, 25c to \$1.00 each. CINERARIA stellata, March to April, \$1.00 to \$3.00 each.
GENISTAS. April. \$1.00 to \$5.00 each.
Palms Each
Phoenix Roebeleni

Rubber Plants pot, 18 to 24 inches high ....... \$ 1.00 6-inch pot, 24 inches high ...... 2.00 FICUS elastica. 4- to 5-inch pot, 18 to 24 inches high -pandurata (Violin Rubber). 6-inch pot, 30 inches high .....
7-inch pot, 36 inches high .....
8-inch pot, 48 inches high ..... 4.00

SMALL FERNS FOR DISHES. 20c each; \$2.00 per dozen.
CENTER PLANTS. Cocos, Areca or Kentia Palms, Pandanus, etc.
These are small plants especially grown to be used as centerpieces on the table. 50c each.

## Smith's Velvet-Green Lawn Seed

Is adapted to the country north of Mason and Dixon's Line, except the

Is adapted to the country north of Mason and Dixon's Line, except the Far West and Eastern Coastal Section. Lb., 50c; 5 lbs., \$2.25; 10 lbs., \$4.25; 25 lbs., \$10.00. Use one pound to 350 square feet; 125 lbs. per acre. White Clover Seed. ½ lb., 40c; lb., 75c.

It is necessary, in starting a lawn in this latitude, to sow a mixture of varieties of Grass Seed, for the reason that the best and most permanent of all, Blue Grass, is very slow in getting started and making a good sod; in two or three years, however, it will occupy the ground. Those varieties which have proper habit, color and early covering effect must be depended upon to help out until the Blue Grass can get well established. It is highly important that you sow good, fresh seed of strong germinating power. Our Lawn Grass Seeds are all tested, and, if the conditions are correct, will give the highest germination. A fairly good lawn for one summer can be made by sowing annual grasses, but these die the succeeding winter and you have your work to do again. There is no economy in so-called cheap lawn seed; it may be old and dead, or it may be cheap varieties of grasses not suitable be old and dead, or it may be cheap varieties of grasses not suitable for the purpose or that may not last more than one year.

# Miscellaneous Supplies

### Fertilizer

Commercial Fertilizers are much more satisfactory in lawn making than natural manures, for they contain all of the chemical elements essential to plant life, and are free from the noxious weed seeds that usually accompany manure. Fighting weeds is an endless task, which can be evaded successfully if the proper measures are taken to establish a good, dense catch of grass that will virtually crowd out weeds by its greater vitality.

#### Smith's Grower

This is a plant food that is soluble and immediately available to plants. If you will give the young, tender grass plants the advantage of obtaining nourishment without effort or delay, they will thrive, and in a short while will make a surprising growth that will preclude the

possibility of weed growth.

Smith's Grower should be scattered upon the lawn areas at the rate Smith's Grower should be scattered upon the lawn areas at the rate of one pound to each 400 source feet, or 100 pounds to the acre, from the beginning to the end of the growing season, at intervals of about one month apart. In order to facilitate even distribution, it should be mixed with two or three times its bulk of pulverized garden soil or sand. During periods of drought the fertilizer cannot get into solution. For this reason it is well to give the lawn a good, thorough soaking subsequent to the scattering. All food is taken up by the root systems of plants when in solution, and is available as food only when in this condition.

Its guaranteed analysis is as follows: Nitrogen, 4.52 per cent; Potash (actual), 2 per cent; Phosphoric Acid, 5 to 6 per cent. Prices, f. o. b. Pittsburgh, are as follows. Lb., 15c; 2 lbs., 25c; 5 lbs., 50c; 10 lbs., 75c; 25 lbs., \$1.50; 50 lbs., \$2.75; 100 lbs., \$5.00; 1000 lbs., \$40.00; 2000 lbs., \$75.00.

# **Insecticides and Fungicides**

Arsenate of Lead

Arsenate of Lead is used to destroy all leaf-eating insects attacking fruit trees, shade trees, vegetables, flowers and shrubbery, such as fruit trees, snade trees, vegetables, howers and shituberly, such as coldling moth, curculio, canker worm, tussock moth, elm-leaf beetle, gypsy and brown-tail moths, potato beetle and all similar insects that feed upon the fruit and foliage. The Arsenate of Lead Paste may be used with either lime-sulphur solution or Bordeaux Mixture, combining in one application treatment for both insects and fungi. Prices, f. o. b. 10-lb. kegs, \$3.00; 5-lb. jugs, \$1.65; 1-lb. Pittsburgh, are as follows: glass jars, 40c.

## Lime-Sulphur Solution

Lime-Sulphur Solution is used as an insecticide to control San Jose scale, oyster-shell scale and all sucking or scale insects. For this purpose scale, oyster-shell scale and all sucking or scale insects. For this purpose it is used at a dilution of one gallon to nine to eleven gallons of water, and applied during the dormant season, either after the leaves drop in the fall or before the buds open in the spring. The spring application, just before the buds open, will control leaf blister mite, plant lice and peach leaf-curl, in addition to the scale insects, and is usually considered advisable in well-cared-for orchards, where the scale is already under control and where the entire orchard can be gone over in the spring. The fall application is advisable where trees have not been previously expressed. in the spring. The fall application is advisable where trees have not been previously sprayed, and are badly infested with scale, or where the size of the orchard, together with climatic conditions, renders spring spraying impracticable.

The prices of Lime-Sulphur Solution, f. o. b. Pittsburgh, are as

follows: Lb., 40c; 5 lbs., \$1.75; 10 lbs., \$3.00.

#### **Bordeaux Mixture**

Prices of Bordeaux Mixture Paste, f. o. b. Pittsburgh, Pa.: Lb., 35c;

Prices of Bordeaux-Arsenate of Lead Mixture Paste, f. o. b. Pittsburgh, Pa.: Lb., 40c; 5 lbs., \$1.75.

Oz., 25c; 1/2 lb., \$1.15; lb., \$2.15; NIKOTEEN. 30 per cent strength.

4 lbs., \$7.00; 8 lbs., \$15.50.

FUNGINE. An infallible remedy for mildew, rust, bench-rot and other fungi affecting flower and vegetable plants. ½ pt., 40e; pt., 65c; qt., \$1.00.

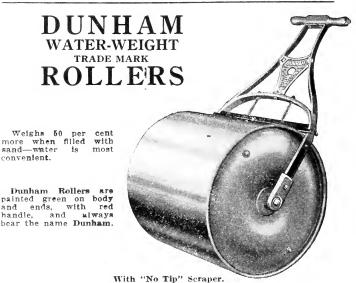
#### INSECTICIDES AND FUNGICIDES—Continued.

The Insecticide that kills plant lice of every species, such as APHINE.

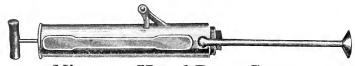
APHINE. The Insecticide that kills plant lice of every species, such as green and black fly, thrips, red spider, slugs, mealy bug and brown scale. ½ pt., 25c; ½ pt., 40c; pt., 75c; qt., \$1.25.

HAMMOND'S SLUG-SHOT. Destroys all chewing insects injurious to house and garden plants, shrubs, trees, vines, potatoes, melons, cabbage, currants, etc. Dust on foliage. Lb., 20c.

TREE TANGLEFOOT. For protecting trees against climbing insect pests in a simple, economical and effective way, use Tanglefoot, a sticky substance applied directly to the bark of the trees. This should be placed on the tree in a band 4 inches wide, about 7 feet from the ground. One application is good for the entire season. Should be applied in early April, with a small, wooden paddle. Put up in 1-, 5-, 10- and 20-lb. cans. 1-lb can, 55c; 5-lb. can, \$2.25; 10-lb. can, \$4.25; 20-lb. can, \$8.20.



No.	Diam. Inches	Length Inches	Sections	Weight Empty	Filled with Water	Price Each
3	14	20	1	46 lbs.	148 lbs.	\$18.50
5	18	24	1	76 lbs.	274 lbs.	22.25
7	24	24	1	95 lbs.	418 lbs.	25.75



## Niagara Hand Dust Gun \$3.00 each, complete, f. o. b. Pittsburgh.

This little Duster is designed for use around the home on ornamental shrubbery, gardens, vegetables, house plants, etc. It is extremely light and simple and will not get out of order. This hand Duster is sold only in combination with a one pound package of our All-in-One Mixture and is accompanied by an attractive Garden Guide, describing the treatment of various insects and diseases prevalent around gardens and home grounds. These three articles are contained in a single attractive carton. Instructions for applications and treating insects

and diseases accompany the gun.

We represent the Niagara Sprayer Co. and can supply their complete line of spraying devices from the Small Hand Gun illustrated above to the large power machines for large tree plantations, orchards, etc. Prices and full information upon request.

## Dayton Sprinklers Rotary and Oscillating

This Sprinkler is adjustable at will from bell-shaped spray or full stream, half or full circle, 15 to 80 feet diameter. It covers four times the area of any sprinkler its size. Instead of spraying in a continu-ous circle, it sends the water in one direction and slowly rotates, every thus covering ground evenly.

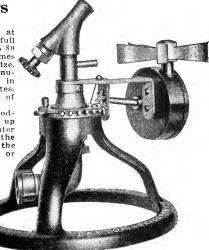
The rotation movement is moderately timed. You can walk up to the machine before the water completes its circle—check the rotation temporarily, move the sprinkler to another location, or change the nozzle or distance adjustment.

The oscillating half-circle movement is a fine convenience for sprinkling from house

or walk.

This sprinkler operates on pressure as low as 15 pounds. It is adjustable to supply from one to five gallons of water per minute.

Construction is of the best material — brass, steel and aluminum. It is mounted on stand for hose connection and can also be attached to our specially convenient hose-reel.



The Lawn Type Mounted on Stand for Hose Installation, Price, \$8.00 Each, F. O. B. Pittsburgh, Pa.

# Mowers

# Pennsylvania, the "Standard"

Lawn

#### The World's Standard Lawn'Mower

This Mower has been universally recognized as the standard by which all other Mowers are measured. Its reputation for perfect work, easy cutting, long service, and sturdiness has been acquired solely on its merits. It will last longer and do more work, with less labor, than any other Mower.

Blades. Four crucible tool steel, oil hardened and water tempered. Extra wide.

Wheel Base. Extra long. Cuts smoothly over uneven ground.
Wheels. 8 or 10½ inches. Open spokes.

Wheels. 8 or  $10\frac{1}{2}$  inches. Open spokes. Parts. Malleable and cast, accurately machined to insure noiseless service.

Bottom Knife. Flat pattern, crucible tool steel. Hardened and tempered.

Height of Cut. % to 11/2 inches. Will cut grass standing 6 inches high.

Handle. Hardwood. Iron braces on cross-bar.

The Standard Pennsylvania is the pioneer of all lawn mowers, having an Open cylinder, Open wheels and a Train of Gears.

#### HIGH WHEEL

 10½-inch Wheels, 6½-inch, Four-Blade Cylinder.

 Width of Cut, inches
 15
 17
 19
 21

 Weight, Boxed, Inc. Handle, pounds
 78
 82
 85
 97

 List Price, each
 \$30.00
 \$34.00
 \$38.00
 \$42.00

#### LOW WHEEL

 8-Inch Wheels.
 5½-inch Cylinder.
 Four Blades.

 Width of Cut, inches
 12
 14
 18

 Weight, Boxed, Inc. Handle, pounds
 54
 58
 60
 63

 List Price, each
 \$24.00
 \$28.00
 \$32.00
 \$36.00

# PREMIUMS

# and How to Get Them

#### THE CASH SALE AND RECEIVED-ON-ACCOUNT SLIPS "SAME AS MONEY

In return for any order received by us, accompanied by the money, we issue a Cash Sale Slip, which is not only the copy of your order and receipt for the money, but also is worth 10 per cent of its face value when appied to the purchase of a Premium article as listed in this catalog.

#### EXAMPLE

Cash purchases, as shown by Cash Sale Receipts, amount to \$10.00.

Value of Cash Sale Slip, 10 per cent, \$1.00.

which will purchase, without money, a Rubber Plant, page 42. Premiums are delivered free in Pittsburgh, but go by express at purchaser's expense to all points outside of Pittsburgh. Premiums are on display at the store of A. W. Smith Company,

Keenan Building, Pittsburgh, Pa.

Keenan Building, Pittsburgh, Fa.

A. W. Smith Company reserve the right to discontinue the Premium Service at any time, or make any change in the system deemed by them necessary.

The Premium feature in this catalog, and all conditions pertaining thereto, supersede and render void those of all other catalogs heretofore published by A. W. Smith Company, so far as they are inconsistent herewith.

#### RULES

1. A Cash Sale Slip is issued to the customer, or mailed, when the customer, at the time of placing or mailing the order, pays for the purchase.

2. C. O. D. transactions are classed as cash transactions, and Sale Slips are issued when the goods are delivered and paid for.

3. Cash Sale Slips must be presented for payment of a Premium by the original owner or his authorized representative.

4. Cash Sale Slips must be endorsed by the owner upon presentation for Premiums and the owner's address written beneath

his name. 5. Cash Sale Slips must be presented in good state of preservation, and are void if found to have been altered.

A delivery charge will be made for the delivery of Premiums out of town.

7. No Premiums under the value of 50 cents will be issued.
8. No articles of merchandise will be issued as Premiums unless listed in the Premium Department of this catalog.
9. A. W. Smith Company does not agree to have on hand at all times all Premiums as listed, but will supply the demand as early as possible

RECEIVED-ON-ACCOUNT RULE

"Charge" customers paying bills on or before the 10th of the month following date of purchase will be handed or malled Premium Certificates worth 5 per cent of face value in Premiums so listed or displayed. (This does not apply on landscape work or other contracts, unless definitely stated therein).

#### Premiums

Consult your redeemable Cash and Received-on-Account Slips, and make your selections from the following list. Turn to the pages indicated for description, sizes, prices, etc., of the Prepages indicated for description, sizes, prices, etc mium Articles. Ferns (page 42).

Rubber Plants (Frotons (page 41), (page 42). Rubber Plants (page 42).

Pandanus (page 42).

Ferns and Croton Combinations (page 42). Lawn Mowers (page 45). Lawn Rollers (page 44).

Palma (page 42).

Remember, if 10 per cent of the amount on your Cash Sale Slips, or 5 per cent of the amount on your Received-on Account Slips, separately or together, equal the price of the premium desired, no money is needed. If the Slips amount to more than the writer of the certified Experiment of the premium of the certified Experiment of the price of the premium of the price of the premium of the price of the p than the price of the article, a Premium Change Slip will be re-funded to you for future use. If the Slips amount to less than the price of the Premium, the balance may be made up with money.

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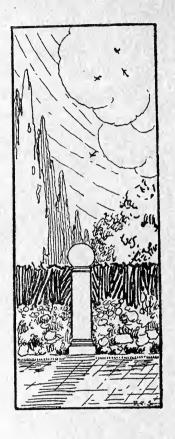
# A. W. SMITH COMPANY, PITTSBURGH, PA.

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Sweet Pea, Perennial 21	Tunica24	Woodbine26
Sweet Pepper12	TI	Wood Lily2
Sweet Rocket21	Ulmus10	Woolly Wound-Wort 2
Sweet William 20, 24	Umbrella Tree 8	Woolly Would-Work 2
Symphoricarpos17	V	Y
Syringa14, 17		Yellow Root1
	Valeriana24	Yellow-wood
T	Varnish Tree 8	Yew
Tamarix	Vase Plants40	Yucca
Faxodium10	Verbena40	
Taxus 6	Veronica24	Zanthorhiza1
Thalictrum24	Viburnum17	Nanthorniza





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