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62.39

SEEDS

for the

NURSREYMAN AND FORESTER

for

Fall and Early Winter

Planting

1932-1933

F. W. SCHUMACHER, Horticulturist

Jamaica Plain,

Boston, Mass.

TERMS: as per our General 1932 Catalog.

PAYMENT: CASH, 5% Discount for Cash with Order.

FOR ADDITIONAL SEEDS NOT LISTED HERE FOR FALL PLANTING CONSULT OUR GENERAL 1932 CATALOG, WHICH LISTS 1200 SEED ITEMS. ALLOWANCES WILL BE MADE ACCORDING TO PROSPECTIVE PRICES FOR 1933.

SEEDS WANTED

We buy and exchange seeds, also rare and unusual plants which will succeed in our climate.

F. W. SCHUMACHER

761 Centre Street

Jamaica Plain, Boston, Mass., U. S. A.

Telephone JAMaica 1571

Cable Address — Treeseeds Boston

CONIFERS: The Most Important Evergreens for Forestry and Ornamental Planting.

For additional items notlisted in this list, please consult our more complete general catalog of 1932.

One quarter pound sold at one-third of pound rate; one ounce at one-third of one-quarter pound price.

	lb.
<i>Abies balsamea</i>	\$3.00
concolor, seed from Colorado	1.25
concolor, seed from California	1.50
fraseri	3.50
grandis	2.50
magnifica	2.50
nordmanniana	2.00
pectinata	1.10
pinsapo	1.85
<i>Cedrus atlantica</i>	2.25
atlantica argentea	2.50
deodara	2.25
libani	2.50
<i>Chamaecyparis lawsoniana</i>	2.00
lawsoniana argentea ..... .40 ounce.....	3.50
lawsoniana aurea ..... .40 ounce.....	3.50
lawsoniana pyramidalis ..... .35 ounce.....	3.00
<i>Cryptomeria japonica</i> , European seed	2.25
<i>Cupressus arizonica</i>	2.20
benthami	3.00
sempervirens pyramidalis	.85
sempervirens horizontalis	.85
<i>Ginkgo biloba</i> , domestic seed	.95
<i>Juniperus chinensis</i> , clean seed	2.10
communis, clean seed	1.50
communis canadensis	1.50
communis depressa	1.50
scopulorum, hardy strain from Black Hills	1.60
scopulorum, collected from "Silver Trees" in Montana....	2.10
virginiana, Platte River	.65
virginiana from cultivated plants, clean seed	2.10
<i>Larix europaea</i>	
Seed from the Alps	1.50
Large grained strain from western high Alps (6000 feet) ..	2.50
europaea sudetica (polonica) the most northerly strain	2.25
leptolepis	2.25
<i>Libocedrus decurrens</i>	2.25
<i>Picea canadensis</i> (alba)	2.25
canadensis. Northern New England	4.50
canadensis albertiana, Black Hills Spruce	4.25
engelmanni	3.35
excelsa, seed from North Central Europe, 80 - 85% germinating	1.25
obovata, (<i>Picea excelsa</i> obovata) Siberian Spruce, .50 ounce 1.50 ¼ lb.	
mariana	6.75
omorika .....2.50 ounce..... 10.00 ¼ lb.....	..
pungens	2.50
pungens glauca	5.50
pungens glauca hand picked from Blue trees \$2.50 ¼ lb. ..	7.50
rubra, Red Spruce	3.50
sitchensis, Alaska 6.50....Pacific Coast	5.25
<i>Pinus aristata</i>	2.25
banksiana	3.00
cembra	1.00
contorta, from Washington	5.50
contorta, from California	4.50
excelsa†.....	2.50
flexilis	2.50
jeffreyi	2.50
lambertiana	1.60
montana	2.50
montana compacta	3.00

	lb.
montana mughus	2.50
montana mughus selected dwarf strain from Giant Moun- tains	3.00
montana pumilio	2.75
monticola	4.75
murrayana, inland strain of P. contorta	6.00
nigra (austriaca) 80-85% germinating	1.65
nigra caramanica (Pallasiana) Crimean Pine	2.75
nigra poiretiana (laricio) from Corsica	3.50
nigra poiretiana (laricio) from Calabria	3.50
peuce	3.25
ponderosa, Colorado	2.25
resinosa, .95 ounce.....3.00 ¼ lb.....	9.00
strobis, North Eastern seed	2.00
sylvestris, North Eastern Germany, the best Pine seed there is 80-90%	4.00
sylvestris from Sweden or Finland	5.00
sylvestris from Scotland	5.00
sylvestris from Central Europe	2.25
Pseudotsuga douglasi glauca, from Colorado	3.75
douglasi green from Washington	5.50
Taxodium distichum, clean seed	2.10
Taxus baccata	2.00
baccata adpressa	3.45
baccata fastigiata	3.50
cuspidata	1.25
Thuja occidentalis	2.80
orientalis, domestic seed	1.50
orientalis aurea	2.25
orientalis compacta	2.00
orientalis nana	2.25
orientalis pyramidalis	2.40
Tsuga canadensis, Northern New England seed	7.00
caroliniana, here collected from cultivated trees \$1.00 ounce	
diversifolia	4.00
mertensiana 1.10 ounce	10.00
sieboldi	4.00

DECIDUOUS SHADE AND FOREST TREES

Acer campestre	.75
ginnala	1.50
platanoides	.65
platanoides schwedleri	1.50
saccharum, Northern New England seed	.95
Aesculus glabra	.50
hippocastanum	10 lbs. 1.75
rubicunda	.50
Ailanthus glandulosa	.50
Betula alba	.75
papyrifera	1.50
populifolia	1.25
Castanea dentata	10 lbs. 4.00
Catalpa speciosa	.80
Cladrastis lutea	2.25
Corylus colurna, Tree Hazel	1.25
Diospyros virginiana	.60
Fagus americana	.85
sylvatica	.90
sylvatica purpurea	1.75
Fraxinus americana	.85
excelsior	1.00
Gleditschia japonica (horrida)	1.35
triacanthos	.70
triacanthos inermis	1.50
Gymnocladus dioica	1.00
Juglans cinerea	.35
nigra	.35
Liquidambar styraciflua	2.00
Liriodendron tulipifera	.85
Maclura pomifera, clean seed	1.25
Morus alba tatarica	1.50

				lb.
Nyssa aquatica				.95
sylvatica				.95
Phellodendron amurense				1.25
Platanus occidentalis				.70
orientalis				.60
Prunus avium				1.00
avium from Wild Trees				1.25
Quercus bicolor	2.50	10 lbs.	17.50	100 lbs.
coccinea, New England seed, genuine Scarlet Oak				
	1.75	10 lbs.	12.00	100 lbs.
macrocarpa, New England seed				
	2.00	10 lbs.	16.00	100 lbs.
palustris, New England Seed				
	2.00	10 lbs.	16.00	100 lbs.
rubra, New England seed				
	1.00	10 lbs.	6.00	100 lbs.
rubra water tested	1.50	10 lbs.	8.50	100 lbs.
Robinia pseudoacacia				.75
Sassafras variifolium				1.00
Sophora japonica				1.00
Sorbus americana, berries				.70
aucuparia, berries				.60
Tilia americana				1.20
cordata (parvifolia)				1.00
platyphyllos (grandifolia)				1.00
tomentosa				1.20

AZALEA AND RHODODENDRON SEEDS

For More Complete List See Our 1932 GENERAL CATALOG.

		1-16 oz.	¼ oz.	oz.
Azalea arborescens		.50	1.35	4.00
atlantica		.65	..	..
calendulacea, seed from wild plants		.20	.50	1.25
calendulacea, from plants in cultivation		..	.85	2.50
dahurica (Rhododendron dahuricum)		.35	1.00	3.00
dilatata		.45	1.35	4.00
gandavensis, Ghent Hybrid Azaleas, New England seed		.50	1.50	4.50
hinodigiri		.45	1.35	4.00
indica large flowered from choice collection	.40 pkt.	.85	2.50	..
indica macrantha		.35	1.00	3.00
indica macrantha hybrida		.50	1.50	4.50
japonica, the genuine Japanese Azalea, with flowers of red shades		.35	.85	2.50
kaempferi, American seed	.35 pkt.	.85	2.50	..
kaempferi imported	2.75 ¼ lb.	.25	.45	1.25
ledifolia. mixed colors		.35	.85	2.50
ledifolia alba noordtiana (jap. a. grdf.)		.35	1.00	3.00
ledifolia purpurea (omurasaki)		.65	2.00	6.00
ledifolia rosea		.65	2.00	6.00
macrosepala		.70	2.00	..
mollis (sinensis) the wild species with yellow flowers		.25	.65	2.00
mollis, garden strains				
seed from a choice New England collection		.35	1.00	3.00
mollis seed from choice collections in Northern Europe		.40	1.20	3.50
mollis hybrida (mollis X japonica)		.50	1.50	6.00
mollis hybrida (mollis X japonica) collected from "Louisa Hunnewell," 1000 seeds	1.00	..	..	..
mucronulata, (Rhododendron mucron ulatum) seeds from plants in cultivation	.75 pkt.	..	..	..
mucronulata imported seed		.40	1.20	3.50
obtusa benigiri	.50c pkt.	..	..	..
obtusa kurume, choice mixed colors		1.25	1.70	5.00
occidentalis		.20	.50	1.50
omurasaki, see ledifolia purpurea		.65	2.00	6.00
pontica, true type		.35	1.00	3.00
pontica, seed from various forms		.35	.85	2.50

F. W. SCHUMACHER, Jamaica Plain, Boston, Mass.

	1-16 oz.	¼ oz.	oz.
poukhanensis, American seed	.85	2.50	..
poukhanensis, imported seed	..	1.00	3.00
quinquefolia alba	.50	1.50	4.50
quinquefolia rosea	.50	1.50	4.50
rhombica	.50	1.50	..
rosea, true species of Northern New Eng- land	.35 pkt.	.70	2.00 6.00
schlippenbachii	.25	.45	1.25
sinensis (see mollis)	..	..	..
vaseyi	.20	.45	1.25
viscosa	.30	.85	2.50

RHODODENDRON: for larger list please consult our 1932 catalog.

	pkt.	1-16 oz.	¼ oz.	oz.	¼ lb.
ambiguum	.60	1.75	..	..	..
anthopogon	.45	1.20	..	..	..
arboreum from cultivated plants ..	.15	.25	.70	2.00	..
arboreum, red from wild plants ..	.30	..	.70	2.00	..
arboreum album, white	.80	..	..	..	..
barbatum	.45	1.20	..	..	..
brachycarpum	.15	.25	.75	2.00	..
brachycarpum roseum	.15	.40	1.15	3.50	..
brevistylum	.95	..	..	..	..
californicum	.15	..	.45	1.35	..
californicum album	.75	..	..	..	..
camelliaeflorum	.45	1.20	3.60	..	..
campanulatum	.45	1.20	3.60	..	..
carolinianum, clean seed	.15	..	.30	.85	2.55
catawbiense	.15	..	.30	1.00	3.00
catawbiense compactum	.15	..	.30	1.00	3.00
caucasicum	.60	..	..	..	..
chartophyllum	.75	..	..	..	..
chrysanthum (aureum)	.15	.35	1.00	3.00	..
ciliatum	.45	1.20	3.60	..	..
cinnabarinum	.45	1.20	..	..	..
dalhousiae	.45	1.20	..	..	..
degronianum	.80	..	..	..	..
ferrugineum	.15	.30	.90	2.75	..
fortunei	.35	.75	2.25	..	..
glaucum	.45	1.20	3.00	..	..
grande	.45	1.20	..	..	..
hemitrichotum	.95	..	..	..	..
himalayense	.60	..	..	..	..
hirsutum	.20	.50	1.50	4.50	..
hormophorum	.95	..	..	..	..
keiskei	.20	.65	2.00	6.00	..
lutescens	.65	..	..	..	..
maximum	..	..	.30	1.00	3.00
maddenii	.45	1.20	..	..	..
metternichi	..	.20	.60	1.75	..
metternichi pentamarum	..	.25	.75	2.25	..
micranthum	.25	.75	2.25	..	..
niveum	.45	1.20	..	..	..
ochraceum	.85	..	..	..	..
polylepis	.95	..	..	..	..
ponticum	.15	..	.45	1.25	3.75
ponticum from hardy specimens in Northern Europe	..	.50	1.50	4.50	..
pubescens	.95	..	..	..	..
ravum	1.25	..	..	..	..
searsiae	.75	..	..	..	..
setosum	.45	1.20	3.60	..	..
smirnovi	.45	1.25	3.50	..	..
thomsoni	.50	1.50	4.50	..	..
thomsoni candilabrum	.50	1.50	4.50	..	..
triflorum	.50	1.30	..	..	..
villosum	1.25	..	..	..	..
yanthinum	1.00	..	..	..	..

HYBRID RHODODENDRONS

	pkt.	1-16 oz.	¼ oz.	oz.	¼ lb.
Altaclarens (Arboreum X Ponticum)	1.00	..	..	..	..
Arboreum Hybrids	..	.35	1.00	3.00	..
Atrosanguineum, deep blood-red	1.00	..	..	..	..
Broughtoni	1.00	..	..	..	..
Catawbiense Hybrids, seed collected from specimen plants in New Eng- land	..	.40	1.20	3.50	..
Catawbiense Hybrids, seed from choice hardy varieties in Northern Europe	..	.50	1.50	4.50	..
Catawbiense grandiflorum	.25	.60	1.80	..	..
Caractacus, crimson	.35	1.00	..	..	..
Cunningham's, white	.95	..	..	..	..
Decorum X Thomsoni	.75	..	..	..	..
Everestianum, rosy-lilac	.60	1.00	..	..	..
George Hardy (Auckland Hybrid)	1.00	..	..	..	..
Hybridum (Azaleoides) (Viscosum X Maximum)	..	.40	1.25	..	..
Kettledrum, crimson	1.00	..	..	..	..
Lady E. Cathcart	1.00	..	..	..	..
Ponticum Hybrids	..	.25	.75	2.00	..
Ponticum X Catawbiense	.35	1.00	..	..	..
Silberad's Early Pink	.95	..	..	..	..
Smirnovi Hybrids	.75	1.50	..	..	..
Wellesleyanum (Catawbiense X Maxi- mum)	.15	.45	1.25	..	..

SEEDS OF ORNAMENTAL TREES, SHRUBS AND
BROADLEAVED EVERGREENS

A selection of many rare, uncommon or highly recommendable ornamentals offered for fall planting. For more complete list consult our 1932 general catalog which still is in force.

Prices where not stated otherwise are: ¼ ounce at one-third of ounce rate; ¼ pound at one-third of pound rate. For larger quantities than indicated request quotations.

	pkt.	¼ oz.	oz.	¼ lb.	lb.
AKEBIA lobata	..	..	.30	.75	..
AMELANCHIER canadensis	..	..	..	.75	2.25
AMORPHA canescens	..	..	..	..	2.25
fruticosa	..	..	..	..	.75
AMPELOPSIS heterophylla	..	..	.40	1.15	..
heterophylla amurensis	..	..	.40	1.15	..
tricuspidata, (veitchi) domestic berries	..	..	..	..	.85
ARALIA spinosa	..	..	..	..	2.00
ARONIA arbutifolia	..	..	..	..	.95
melanocarpa	..	..	..	..	.95
ASIMINA triloba	..	..	..	..	1.25
BERBERIS aggregata, clean seed	..	.30	.85	2.50	..
aggregata pratti	.20	.50	1.50	..	..
amurensis	..	..	.50	1.75	..
atrocarpa, evergreen	..	.35	1.00	2.75	10.00
brachypoda	.50	..	..	..	..
darwini, evergreen	.30	..	.60	1.75	..
darwini clean seed	..	..	.85	2.50	7.50
dictophylla, 100 seeds .50; 1000 seeds 2.50	..	..	..	..	..
gagnepaini, evergreen	.35	.70	1.75	..	..
gagnepaini clean seed	.50	1.40	4.00	..	..
hookeri, evergreen	.50	..	..	..	..
hybrida, Chinese Hybrids	.35	.60	1.80	..	..
julianae, true to name, 100 seeds .80; 1000 seeds \$6.00	..	..	..	..	..
koreana	.20	..	.40	1.15	3.50
pruinosa	.30	..	1.50	..	..
replicata, evergreen	.75	..	..	..	..

F. W. SCHUMACHER, Jamaica Plain, Boston, Mass.

	pkt.	¼ oz.	oz.	¼ lb.	lb.
rubrostilla	.30	.60	1.80	..	..
sargentiana, true to name	.50	1.40	4.25	..	..
sinensis	.20	..	.50	1.65	5.00
soulieana, evergreen	.75	..	..	..	..
subcaulialata (Coryi) clean seed ..	..	.30	.85	2.50	..
thunbergi, domestic clean seed ..	..	..	..	.60	1.75
vernae	.50	1.00	..	..	..
verrucolosa, evergreen, clean seed ..	.50	2.00	6.00	..	..
verruculosa hybrida, evergreen clean seed	.50	2.00	6.00	..	..
wilsonae	..	.35	1.00	3.00	..
BIGNONIA grandiflora	..	..	1.00	..	..
radicans	..	..	..	.50	1.50
BUXUS microphylla koreana	..	..	.35	1.00	3.00
sempervirens	..	..	..	.60	1.75
CALLICARPA purpurea (dichotoma) ..	..	.25	.75	..	..
CALYCANTHUS floridus	..	..	..	..	1.20
CAMELLIA japonica, American seed ..	..	..	..	.50	1.50
japonica from European collections ..	..	..	..	.70	2.00
CARAGANA arborescens	..	..	..	..	1.20
CARYOPTERIS tangutica	.75	..	..	..	..
CASSIA marilandica, Indian Senna .	..	.35	1.00	..	..
CEANOTHUS americana, clean seed ..	..	..	..	.70	2.00
CELASTRUS scandens	..	..	..	..	1.50
scandens clean seed	..	..	..	..	2.25
CEPHALANTHUS occidentalis	..	..	..	..	.75
CERCIS canadensis	..	..	..	..	.90
chinensis	..	..	.60	..	..
CHIONANTHUS virginica	..	..	..	..	1.50
CITRUS trifoliata	..	..	..	..	1.25
CLEMATIS coccinea (texensis)	..	.40	1.25	3.75	..
flammula	..	..	..	.60	1.75
koreana (Atrogene koreana)	.30	.70	2.00	..	..
montana	.30	..	.70	2.00	..
montana grandiflora	..	.40	1.25	..	..
montana rubens (rosea)	..	.70	2.10	..	..
paniculata, hand cleaned domestic seed	..	..	.20	.60	1.85
recta mandshurica	.25	.50	1.50	..	..
tangutica	.25	.50	1.50	..	..
vitalba	..	..	..	.35	1.00
viticella	..	..	..	.40	1.25
COLUTEA arborescens	..	..	..	..	1.20
CORNUS alba sibirica, Coral Dog- wood, clean seed	..	..	..	1.05	3.15
alternifolia	..	..	..	..	2.00
amomum	..	..	..	..	1.20
florida, Northern seed	..	..	..	..	.55
kousa	..	..	.25	.70	2.00
mas	..	..	..	..	1.00
officinalis	..	..	.35	..	..
paniculata	..	..	..	..	1.50
rugosa	..	..	.35	..	..
COTONEASTER acuminata	..	..	.40	..	..
acutifolia, clean seed	..	..	.30	1.15	3.50
ambigua	..	..	.25	.75	..
amoena	.75	..	..	..	..
apiculata	..	.50	2.00	..	..
applanata, see dielsiana	..	..	..	..	..
bullata	..	..	.40	1.25	..
buxifolia	..	..	.40	1.20	..
congesta, see microphylla	..	..	..	..	..
dammeri (humifusa)	.35	..	..	..	..
dielsiana, clean seed	..	..	.60	1.75	3.00
divaricata	..	..	.35	1.00	3.00
franchetti	..	..	.30	1.00	3.00
franchetti clean seed	..	..	.65	2.00	..
franchetti cinerascens	..	.75	..	..	..
frigida	..	..	.35	1.00	..
frigida vicari	.65	..	..	..	..

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	pkt.	¼ oz.	oz.	¼ lb.	lb.
harroviana	..	..	.40	1.30	4.00
hebephylla	.65	..	..	..	..
henryana	..	.40	1.20	..	..
horizontalis, domestic berries ..	..	..	..	1.00	3.00
horizontalis clean seed	..	..	.45	1.35	4.00
horizontalis perpusilla	.50	..	..	..	..
humifusa, see dammeri	..	..	..	..	..
hupehensis, clean seed	..	..	.75	2.25	..
lactea	..	.50	1.50	..	..
microphylla	..	..	.40	1.10	3.25
microphylla clean seed	..	..	.70	2.00	6.00
microphylla glacialis (congesta) ..	.65	..	..	..	..
microphylla thymifolia, clean seed ..	..	..	.80	2.50	..
moupinensis	..	..	..	.65	2.00
moupinensis clean seed	..	..	.35	1.15	3.50
nitens	..	..	.50	1.50	..
pannosa, evergreen	..	..	.35	1.00	3.00
praecox	..	..	.60	1.80	..
prostrata	.50	..	..	..	..
racemiflora soongarcia	..	..	.75	2.10	6.00
rhytidophylla	.75	..	..	..	..
rotundifolia, evergreen	.50	..	..	..	..
salicifolia (salicifolia floccosa) ..	..	..	..	..	..
evergreen	..	.40	1.20	..	..
salicifolia rugosa	..	.50	1.50	..	..
serotina	.75	..	..	..	..
simonsi	..	..	.40	1.15	3.50
simonsi, clean seed	..	..	.60	1.80	5.25
tomentosa, clean seed	..	..	.65	2.00	6.00
wilsoni	..	..	.50	1.50	4.50
zabeli	..	..	.60	1.80	..
CRATAEGUS arnoldiana	..	..	..	..	.40
azarolus, clean seed	..	..	..	..	.90
coccinea	..	..	..	..	.25
coccinoides	..	..	..	..	.40
cordata	..	..	..	..	1.00
crusgalli	..	..	..	..	.35
crusgalli clean seed	..	..	..	..	1.50
lalandi, clean seed	..	..	..	1.00	3.00
macrantha	..	..	..	..	.40
mollis	..	..	..	..	.50
monogyna, clean seed	..	..	..	..	.90
nitida	..	..	..	..	.40
oxyacantha, clean seed	..	..	..	..	.90
rotundifolia	..	..	..	..	.40
persistens	..	..	..	..	.50
punctata	..	..	..	..	.35
prunifolia	..	..	..	..	.35
succulenta	..	..	..	..	.60
tomentosa	..	..	..	..	.50
CYDONIA japonica	..	..	..	..	3.00
maulei, dwarf Japanese Quince ..	..	..	..	..	4.00
CYTISUS glabrescens	..	.50	1.50	..	..
multiflorus, White Spanish Broom ..	..	..	.35	1.00	..
nigricans	..	.15	.60	1.75	..
praecox	.50	..	..	..	..
purgans	.50	..	..	..	..
purpureus, dwarf procumbent ..	.20	.50	1.50	..	..
scoparius	..	..	.15	.40	1.25
scoparius hardy strain from Scan-	..	..	..	..	..
dinavia	..	..	.20	.55	1.60
scoparius Andreana	.25	.50	1.65	..	..
scoparius Andreana hybrids	.30	.90	2.70	..	..
scoparius sulfureus, Moonlight	..	..	..	..	..
Broom	.75	..	..	..	..
supinus (capitatus)	.30	.85	2.50	..	..
DAPHNE laureola, clean seed	..	..	.70	2.00	..
mezereum, clean seed	.30	..	.50	1.50	4.50
DESMODIUM cinerascens	..	.35	.85	..	..
dilleni, an American species	..	.20	.50	..	..
nutans, an American species	..	.30	.85	..	..

F. W. SCHUMACHER, Jamaica Plain, Boston, Mass.

	pkt.	¼ oz.	oz.	¼ lb.	lb.
DIERVILLA florida	.25	.40	1.60	..	..
praecox	.25	.60	2.00	..	..
DORYCNium hirsutum	.60	..	..	..	..
suffruticosum	.60	..	..	..	..
ELEAGNUS angustifolia	..	..	..	..	.70
ELSHOLTZIA stauntoni	.25	..	.75	..	..
EUCALYPTUS globulus	..	.30	.80	..	..
resinifera	..	.35	.90	..	..
rostrata	..	.25	.60	..	..
EUONYMUS atropurpureus, clean					
seed	..	..	..	..	1.50
yedoensis (patens)	..	.30	.85	..	..
EXOCHORDA grandiflora	..	..	.20	.60	1.80
GENISTA tinctoria	..	..	.30	.70	2.00
HALESIA diptera	..	..	..	..	2.50
tetraptera	..	..	..	..	.75
HAMAMELIS japonica arborea	.35	1.50	..	..	..
japonica flavo-purpurascens	.35	1.50	..	..	..
mollis, we have plants of these,					
ask for prices	..	..	..	..	..
HIBISCUS syriacus	..	..	..	.40	1.20
HIPPOPHAE ramnoides, clean seed .	..	..	..	.50	1.50
HYDRANGEA arborescens	..	.25	.75	..	..
aspera macrophylla	.75	..	..	..	..
heteromalla	.75	..	..	..	..
petiolaris	.30	.60	..	..	..
sargentiana	.75	..	..	..	..
xanthoneura wilsoni	.75	..	..	..	..
HYPERICUM aureum	.50	..	..	..	..
calycinum	..	.25	.75	..	..
polyphyllum	.50	..	..	..	..
ILEX aquifolium, clean seed	..	..	.20	.50	1.50
coriacea	.35	.65	2.00	..	..
cornuta	..	..	.30	1.50	4.00
crenata	..	..	.20	.50	1.50
glabra	..	..	.15	.25	.75
latifolia, berries	..	..	.25	.70	2.00
latifolia clean seed	..	..	.35	1.00	3.00
oldhami	..	.35	1.00	..	..
opaca, American Holly, clean					
Northern seed	..	..	..	.55	1.60
pedunculosa, clean seed	..	..	.35	1.00	3.00
serrata (sieboldi) Japanese Win-					
terberry, clean seed	..	..	.20	.50	1.50
verticillata	..	..	.15	.35	1.00
vomitoria, Yaupon	..	..	.25	.50	1.50
INDIGOFERA dosua	.25	.45	1.35	..	..
kirilowi	..	..	.35	1.00	3.00
KOELREUTERIA paniculata	..	..	.15	.40	1.20
KOLKWITZIA amabilis, clean seed					
about 1200 seeds to the ounce	..	..	2.00	..	..
LABURNUM alpinum, Scotch Labur-					
num	..	..	.25	.70	2.00
vulgare Goldenchain	..	..	.25	.50	1.50
LAGERSTROEMIA indica	..	..	.30	.85	2.50
LAUROCERASUS caroliniana	..	..	..	.20	.60
lusitanica	..	..	.20	.45	1.35
officinalis	..	..	..	.40	1.20
LAURUS nobilis	..	..	..	.30	.95
LAVANDULA officinalis (vera) ...	..	.20	.60	1.50	..
LESPEDEZA bicolor alba	..	..	.30	.70	2.00
bicolor atropurpurea	..	..	.30	.70	2.00
bicolor rosea	..	..	.20	.50	1.50
cyrtobotrya	..	..	.20	.50	1.50
formosa (japonica)	..	..	..	.40	1.25
formosa albiflora (Desmodium ja-					
ponicum)	..	..	.20	.50	1.50
LIGUSTRUM ibota	..	..	..	..	.65
lucidum	..	..	.15	.35	.95
LYCIUM chinense, domestic seed ...	..	..	.35	1.10	..

F. W. SCHUMACHER, Jamaica Plain, Boston, Mass.

	pkt.	¼ oz.	oz.	¼ lb.	lb.
MAGNOLIA acuminata	..	..	..	..	1.00
acuminata Northern seed	..	..	..	..	1.50
glauc	..	..	..	.35	1.20
grandiflora, clean seed	..	..	..	.50	1.50
soulangeana, New-England seed ..	..	..	..	1.65	5.00
tripetala	..	..	..	.35	1.00
MAHONIA aquifolium, clean seed ...	..	..	.25	.75	2.25
aquifolium repens	..	..	..	.50	1.50
japonica (bealei) clean seed	..	..	.55	1.65	5.00
MALUS coronaria, clean seed	..	..	1.00	2.25	..
MYRTICA cerifera	..	..	..	.50	1.50
NANDINA domestica, American seed.					
berries	..	..	.20	.50	1.50
PERSEA borbonia Red Bay	..	..	.35	.75	2.00
PHORMIUM tenax	..	.40	1.25	..	..
PHOTONIA arbutifolia	..	..	.20	.50	1.50
villosa, clean seed	..	..	.25	.75	2.25
PHYGELIUS capensis coccinea	.50	1.00	..	..	..
PHYSOCARPUS opulifolius (Spiraea					
opulifolia)	..	..	.30	.80	..
PITTOSPORUM tobira, American					
seed	..	..	.60	1.50	..
POLYGONUM, Fleecevine, auberti .	.30	.70	2.00	..	..
baldschuanicum	.30	.70	2.00	..	..
PRUNUS tomentosa	..	..	..	.65	2.00
PTELEA trifoliata	..	..	..	..	1.20
PYRACANTHA angustifolia, clean					
seed	..	..	.60	1.00	3.00
coccinea, clean seed	..	..	..	.45	1.35
coccinea lalandi	..	..	..	.50	1.50
coccinea lalandi clean seed	..	..	..	.15	2.25
formosa	.20	..	.50	..	..
yunnanensis, domestic seed	..	..	.20	.55	1.65
yunnanensis clean seed	..	..	.30	.85	2.50
RHAMNUS alaternus, clean seed	..	..	.25	.60	..
catharticus, clean seed	..	..	..	.60	1.75
RHAPHIOLEPIS delacouri	..	..	..	.50	1.50
indica	..	..	..	.40	1.20
RHODOTYPOS kerrioides	..	..	..	.50	1.50
RHUS cotinus, clean seed	..	..	.20	.60	2.40
glabra	..	..	..	..	.60
typhina	..	..	..	..	.60
ROSA acicularis nipponensis	..	..	..	.50	1.50
banksiae	..	..	.50	1.50	..
blanda	..	..	..	.30	1.00
canina, clean seed, this is the best					
for budding in cold climates					
and light soil ... 10 lbs. 7.50	..	..	..	.30	.85
canina, improved varieties, ask for					
prices					
coreifolia froebeli (laxa), clean					
seed	..	..	.20	.65	2.00
davurica	..	..	.25	.75	2.20
hugonis	..	.65	2.00	..	..
humilis	..	..	..	.40	1.25
lucida	..	..	..	.40	1.25
maximowicziana, clean seed	..	..	.35	.65	2.00
moyesi	.50	..	..	..	..
multiflora 10 lbs. 7.00					LL
larger quantities upon request					
multiflora thornless .. 10 lbs. 8.00					
larger quantities upon request					
multiflora nana, Baby Rose 100					
hips .... .50 1000 hips 3.50					
nitida	..	..	..	.40	1.35
odorata (thea)	..	..	.40	1.25	..
palustris	..	..	..	.40	1.10
pendulina (alpina)	..	..	.30	.80	..

	pkt.	1-16 oz.	¼ oz.	oz.	¼ lb.
pisocarpa	.50	..	..	..	..
pomifera (villosa) Apple-Rose with large fruits fine for pre- serves, clean seed	..	..	.20	.45	1.45
rubiginosa, clean seed	..	..	.20	.40	1.25
rubrifolia, clean seed	..	..	.35	1.00	3.00
rugosa, clean domestic seed	..	..	.15	.45	1.25
spinosissima	..	.70	2.00	..	..
SAMBUCUS nigra, clean seed	..	..	.15	.50	1.50
racemosa, clean seed	..	..	.25	.75	2.25
SCHIZOPHRAGMA hydrangeoides ..	..	.25	.80	..	..
SKIMMIA japonica	.15	..	.35	1.00	3.00
SOPHORA vicifolia	.20	.35	1.00	..	..
SORBARIA (Spiraea) aitchisoni	..	.20	.60	..	..
arborea	.45	..	..	..	..
assurgens	..	.20	.65	..	..
lindleyana	.20	..	.50	..	..
SPARTIUM junceum, Spanish Broom	..	..	.20	.50	1.50
STAPHYLEA pinnata, Bladder-Nut .	.15	..	..	.35	1.10
STYRAX japonica, domestic seed ...	..	..	.15	.50	1.50
obassia	.15	..	.30	.90	2.70
officialis, seed from a hardy strain from 4000 feet eleva- tion 10 seeds .35; 100 seeds 2.00	..	..	..	..	..
SYRINGA amurensis, clean seed	.30	..	.75	2.25	..
dilatata, clean seed	..	.20	.60	1.80	5.40
japonica	..	..	.90	2.70	..
josikaea, clean seed	..	.30	.85	2.50	..
josikaea rosea	.40	..	..	..	..
micrantha	..	.35	1.00	3.00	..
microphylla	.20	.35	1.00	3.00	..
oblata	..	.20	.65	2.00	..
palabiniana	..	.30	.85	2.50	..
tomentella	.50	..	..	..	..
villosa	..	.50	1.50	..	..
vulgaris, clean seed	..	..	.30	.80	2.50
vulgaris white flowering, clean seed	..	..	.35	1.00	3.00
vulgaris from double red flower- ing Hybrids	..	.35	1.00	3.00	..
vulgaris from double white flower- ing Hybrids	..	.35	1.00	3.00	..
vulgaris from "Charles X"	..	.35	.85	2.50	..
VIBURNUM acerifolium	..	..	..	..	.90
americanum, clean seed	..	..	..	.85	2.50
bitchuiense	..	..	.50	1.50	..
carlesi	.25	..	.50	1.50	4.50
hupehense	.60	..	..	..	..
lantana, clean seed	..	..	..	.60	1.75
lentago, clean seed	..	..	..	.45	1.25
lobophyllum	.60	..	..	..	..
odoratissimum, clean seed	..	..	.30	.85	..
opulus, clean seed	..	..	.25	.75	2.00
prunifolium	..	..	..	.35	1.00
rhytidophyllum	..	..	.30	.85	2.50
theiferum (setigerum aurantia- cum)	1.00	..	..	..	..
tinus, clean seed	..	..	..	.40	1.20
wrighti	.25	..	.40	1.20	..
VITEX agnus castus	..	..	.20	.50	1.50
agnus castus, red	..	..	.75	..	..
agnus castus, white	..	..	..	.70	2.00
incisa	..	.20	.45	1.00	4.00
VITIS aestivalis	..	..	..	.75	2.00
amurensis	..	..	.35	.90	2.80
coignetiae	..	..	..	.40	1.25
ULEX europaeus	.15	..	.50	..	..
UMBELLULARIA californica, Cali- fornian Laurel	..	..	.50	1.50	..

F. W. SCHUMACHER, Jamaica Plain, Boston, Mass.

	pkt.	1-16 oz.	¼ oz.	oz.	¼ lb.
WISTERIA frutescens	..	..	.40	1.10	3.25
sinensis, blue, domestic seed ..	..	..	..	.40	1.25
venusta, white	..	.30	.85	2.50	..
XANTHOCERAS sorbifolia	..	..	.55	1.65	5.00
YUCCA filamentosa	..	..	.25	.70	2.00
gigantea 10 seeds .40; 100 seeds					
2.00					
gloriosa	..	..	.50	1.50	..
hybrida	.65	..	..	..	..

**PERENNIAL SEEDS
FOR FALL AND EARLY WINTER PLANTING**

Where not expressly indicated ounce quantities may be obtained at three times the one quarter ounce rate.

	Pkt.	Trade Pkt.	¼ oz.
Aconitum fischeri	.15	.35	.80
napellus	.15	.35	.50
wilsoni	.20	.50	.80
ANEMONE pulsatilla	.15	..	.55
AQUILEGIA alpina	.15	.35	.60
canadensis	.15	..	.40
chrysantha grandiflora, large flower, white ..	.15	.35	.60
chrysantha grandiflora sulphurea, large flower,			
sulphur yellow	.15	.35	.65
chrysantha new longspurred Hybrids	.15	.35	.60
coerulea	.20	..	.40
coerulea candidissima "White Queen"	.15	.35	.70
coerulea cupreata, "Copper Queen"	.45	1.00	3.00
coerulea rosea, "Rose Queen"	.15	.35	.70
coerulea Mrs. Scott Elliott's Long Spurred Hy-			
brids	.20	.40	.95
New Longspurred Hybrids,			
"Copper Queen," a fine novelty with cop-			
pery red flowers and dark spur 1.50			
⅛ ounce	.40	.75	..
"Emperor," a new giant race, plants 4-5			
feet high with fine flowers in good			
range of colors .80 ⅛ ounce	.30	.50	..
Pearson's Crimson Star, a long spurred va-			
riety which comes true from seed, with			
white petals and broad sepals of deep			
blood crimson, the outstanding new			
Longspurred Columbine, receiving			
Award of Merit of the Royal Horticul-			
tural Society in 1932. 2.25 ⅛ ounce	.50	1.00	..
Pearson's Long spurred pink shades, bright			
coral pink, .65 ⅛ ounce	.25	.45	..
Pearson's Longspurred Blue Shades of			
extra good color and texture .65 ⅛ oz.	.30	.50	..
Pearson's Longspurred Lowdham strain, a			
very fine mixture	.25	.40	.85
oxysepala			
truncata, beautiful dwarf early flowering spe-			
cies, scarlet and yellow	.25	.40	.80
vulgaris compacta erecta "Edelweiss", early			
flowering new form with upright white			
flowers, a fine dwarf Columbine for the			
Rock Garden	.25	.50	1.00
fine mixture .50 ounce	.15	.20	..
nivea grandiflora, fine white, semi-double	.15	.25	.40
ASCLEPIAS TUBEROSA	.15	..	.50
AUBRIETIA Eyreii	.20	.40	1.20
CAMPANULA persicifolia, fine mixture 1.80 ounce	.15	.35	.60
DELPHINIUM, choice Hybrid Strains			
atropurpureum "Phoenix"	..	..	.50
belladonna, improved 4.50 ounce	.25	.50	1.50
belladonna Blue Grotto, fine indigo blue .	.35	.65	2.00

	pkt. 1-16 oz.	¼ oz.	oz.	¼ lb.
belladonna Cliveden Beauty, large flowered, light blue 3.00 ounce		.25	.50	.85
belladonna Fanny Stormouth, very large flowered azure blue 3.00 ounce		.25	.50	.85
Continental Hybrids, a development of twenty years of breeding on light soil, in a dry climate with cold winters, se- lected for clearness of color sturdiness of spikes, mildew resistance. This is perhaps the most thoroughbred race in existence, superior in many ways to English strains 6.00 ounce		.30	.60	1.35
Named varieties of these:				
Albrecht Duerer, light blue with pink; Atlantis, deep azure blue; Blue Jay, light blue and brown; Blue Pot, sea- green, blue; Cathedral-Window, night- blue, late, good crop of second blooms; Castrum Romanum, prussianblue with white, late; Gentian-Tower, pure gen- tian blue; Gentian Herald, deep blue with black dots, early; Icefountain, shining blue with white; Lilacsphear, light violet and blue; Light-tower, ice- blue with black, early; Purple Knight, dark blue with gentian blue and white dots; Rokoko, light pink blue; Sailor Boy, dwarf, blue with white; Skyblue, bright sky blue, late; Super- man, tall, light blue with white and pink, late; Sunrise, light azure with pink, late; Swedish Blue, blue; Seven Sleepers, light blue, very late flower- ing; Triumphal Crown, deep dark blue; Watersprite, water blue with moss- green; Wireless Message, azure, early; Your Blue Miracle, azure, late.				
All named varieties as grown by the speci- alist are 8.50 ounce; 2.85 ¼ ounce; small- er quantities cannot be supplied.		..	..	2.85
elatum, "Iceberg," a white Delphinium which comes true from seed, 4 feet....	.40	.75	..	..
Wrexham-Hollyhock flowered Delphinium 5.00 ounce	.35	.75	1.50	..
Wrexham Delphinium, extra select from large flowered double and semi- double named varieties 7.50 ounce ..	.50	1.00	2.50	..
EREMURUS bungei, yellow .....1000 seeds 1.75				
bungei perfectus .....1000 seeds 2.50				
himalaicus, white .....1000 seeds 1.50				
robustus, pearl color 100 seeds .60; 1000 seeds 3.50				
robustus "Elwesianus" light rose 100 seeds 1.75; 1000 seeds 10.00				
mixed .....2.50 ounce	.20	.45	.85	
HELLEBORUS niger	.15	.20	.30	
IRIS delavayi	.25	.45	..	
ensata chinensis	.20	.30	..	
kaempferi	.15	.25	.40	
kaempferi choice double varieties, mixed 1.25 ounce	.15	.25	.40	
orientalis, "Snow Queen," .....60 ounce	..	.15	.20	
rossi	.15	.25	.75	
sibirica, "Emperor," a superb Japanese wild form	.20	.35	.50	
sibirica Perry's Blue	.20	.35	.50	
wilsoni	.20	.35	1.00	
LILIUM Backhouse Hybrids (Martagon X Hansoni)	.50	..	..	
dalmaticum Hybrids	.50	..	..	

		Trade	
		Pkt.	Pkt. ¼ oz.
giganteum yunnanense	1.30 1-16 ounce		
humboldti magnificum	75 1-16 ounce		
longiflorum praecox, "White Queen," a fine new white Lily, will bloom within twelve months from sowing	2.25 1-16 ounce	.50	.. ..
martagon album	.....	.50	.. ..
martagon type	.....	.20	.35 .50
philippinense formosanum	.....	.20	.30 .60
princeps	.....	.0	.50 ..
princeps X Sulphur-gale	.....	.30	.50 ..
regale	1.00 ounce	.15	.20 .35
sulphur-gale (Regale X sulphureum)	.....	.50	.. ..
LOBELIA cardinalis	.....	.20	.50 1.00
LUPINUS arboreus, Golden yellow	50 ounce	.15	.20 .30
arboreus albus, "Snow Queen"	60 ounce	.15	.20 .30
polyphyllus, the named varieties of Lupins come about 50% true from seed	.....		
Blue King, intense blue with very long and elegant spikes	1.50 ounce	.20	.35 .50
Brightest and Best, bright red with long spikes	1.50 ounce	.20	.35 .50
Chocolate Soldier, yellow with violet bronze	2.00 ounce	.20	.35 .65
Cross Roads, beautiful shell pink	1.50 oz.	.20	.35 .50
Gold Crest, yellow with deep yellow wings	2.25 ounce	.20	.35 .75
Kingdom, combination of buff with yellow and a very distinct orange flag	2.25 oz.	.20	.35 .75
Moerheimi, rose and white, compact habit	1.50 ounce	.20	.35 .50
Perfection, of broad built shape, pure white, in full bloom slightly rose tinged	1.50 ounce	.20	.35 .50
Tangerine, golden yellow with orange terra cotta	2.00 ounce	.20	.35 .65
Harkness Regal Hybrids, showing many new and unusual colors	65 ounce	..	.15 .25
Queen Hybrids, showing a good percentage of yellows and other rare colors	\$1.50 ounce	.20	.35 .50
Six Hills Sweet Scented Hybrids	1.00 oz.	.15	.20 .35
MECONOPSIS baileyi	2.00 1-16 ounce	.50	1.00 ..
MERTENSIA virginica	.....	.15	.25 .50
OENOTHERA missouriensis	3.00 ounce	.25	.50 1.00
PAEONIA lutea	2.50 ounce	.25	.40 .85
lutea superba	2.75 ounce	.30	.50 1.00
PAPAVER orientale			
Beauty of Livermore, crimson	2.25 ounce	.20	.35 .70
Mammoth, gigantic dark scarlet flowers, magnificent	2.25 ounce	.20	.35 .70
Perry's White	3.00 ounce	.25	.50 1.00
Prince of Orange, scarlet orange	2.50 ounce	.20	.40 .80
Salmon Queen	3.00 ounce	.25	.50 1.00
Mixture of named varieties	2.00 ounce	.15	.30 .60
nudicaule "Baker's Sunbeam" mixture	1.50 oz.	.15	.25 .50
"Coonara Art Shades" (pink and rose) select stock	1.80 ounce	.15	.25 .50
"Gibson's New Orange", giant flowered bright growing orange	2.25 ounce	.20	.35 .75
PENTSTEMON centranthifolius, "Scarlet Bugler", rich vermillion	.....	.50	.. ..
cobaea, white shades with purple, large flowered very beautiful	.....	.15	.30 .60
cyananthus, three feet, deep purple blue, early and hardy	.....	.15	.20 .40
gentianoides albus, beautiful new white	.....	.15	.30 .60
gentianoides Sensation, new select giant flowered	2.75 ounce	.20	.40 .90

		Pkt.	Trade Pkt.	$\frac{1}{4}$ oz.
gentianoides large flowered, mixed	2.25 ounce	.15	.35	.75
gordoni splendens large flowered, brilliant dark blue	.....	.15	.25	.60
hybridus. "Southgate Gem", fine crimson scarlet	3.25 ounce	.20	.40	1.00
isophyllus hybridus, very free and long flowering 2-2½ ft. tall, flowers on long stalks. beautiful colors, fine for cutting	.....	.25	.75	1.60
speciosus, deep blue, beautiful	1.00 ounce	.15	.20	.35
PHLOX divaricata	.....	.20	.35	.75
pilosa	.....	.25	.50	..
PHYSALIS franchetti	75 ounce	..	.15	.25
POLEMONIUM coeruleum	50 ounce	..	.15	.20
reptans	3.00 ounce	.20	.50	1.00
PRIMULA auricula gigantea, new giant flowered	.....			
2.50 $\frac{1}{8}$ ounce	.....	.30	.90	..
beesiana	1.50 ounce	.25	.50	..
bulleyana	1.00 $\frac{1}{8}$ ounce	.20	.45	..
bulleyana hybrida	1.00 $\frac{1}{8}$ ounce	.25	.50	..
cashmeriana, new large flowered Hybrids	.....			
1.50 1-64 ounce	.....			
denticulata	95 1-32 ounce	..	.30	..
denticulata alba	95 1-32 ounce	..	.30	..
denticulata rosea	95 1-32 ounce	..	.30	..
denticulata purpurea	1.25 1-32 ounce	..	.30	..
denticulata large flowered Hybrids	95 1-32 oz.	..	.30	..
pulverulenta	80 $\frac{1}{8}$ ounce	..	.30	..
rosea grandiflora	75 1-32 ounce	..	.30	..
sieboldi	2.00 1000 seeds	..	.40	..
veris elatior, Cowslip	.....			
alba, pure white	2.00 $\frac{1}{8}$ ounce	.35	.40	..
aurea, golden yellow	2.20 $\frac{1}{8}$ ounce	.35	.95	..
coerulea, blue	4.25 1.000 seeds			
.75 100 seeds	.....			
finest large flowered mixed (Giant Polyanthus) seed from a specialist	1.50 $\frac{1}{8}$ oz.	.35	.75	..
veris acaulis, dwarf Primrose, charming for Rock Gardens	.....			
coerulea, dwarf blue	3.50 1-32 ounce	..	.60	..
Virginia, pure white	2.00 1-32 ounce	..	.50	..
new Hybrids	1.85 1-32 ounce	..	.50	..
veitchi	2.00 $\frac{1}{8}$ ounce	.25	.75	..
THALICTRUM dipterocarpum	.....	.15	.35	.80
THERMOPSIS caroliniana	1.35 ounce	.15	.20	.40
TRITOMA hybrida Express, early flowering	....	.15	.25	.40
hybrida mirabilis, new Hybrids, all colors	..	.30	.60	1.30
TROLLIUS caucasicus, Orange Globe	1.25 $\frac{1}{8}$ ounce	.25	.50	..
europaeus	3.25 ounce	.20	.45	1.00
new large flowered Hybrids	.....	.30	.70	2.10