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Correspondence.

The Meehan Nurseries.

To the Editor of Garden and Forest:

Sir,—A visit to Mr. Meehan's nursery, in Germantown, a suburb of Philadelphia, will well repay a lover of trees. In no other establishment are American trees and shrubs raised in such numbers. Long ago Mr. Meehan recognized two facts—that the climate of eastern America is particularly suited to deciduous-leaved plants, which grow more satisfactorily here than in any other country of the world, and that American plants are the best for America; so for years he has been busy in raising American Oaks. Maples, Ashes, Dogwoods, and scores of other plants which can only be obtained in large quantities from his nursery. Cornus florida, which is one of the most beautiful of all hardy flowering trees, is raised by hundreds of thousands. Trees not often seen in nurseries, like our Nyssa or Tupelo, the Sassafras, the Persimmon and the Sycamore, are raised here in numbers, as are all our Magnolias and the Tulip tree. But the nursery is by no means exclusively devoted to the cultivation of American plants; many exotic species are cultivated on a large scale, and it is certainly within bounds to say that the stock of young plants of the beautiful Japanese Viburnum plicatum is larger than can be found in all other American and European nurseries combined.

The Germantown nurseries contain a number of remarkable and interesting plants. Here is the original plant of the now well-known weeping Cornus florida, discovered in the woods near Baltimore, and the original plant of Halesia Meehani, a chance seedling raised by Mr. Meehan, and figured in Garden and Forest (see vol. v., p. 535). I noticed, also, a beautiful small specimen of a very distinct weeping variety of Prunus serotina and a fastigate form of Picea Engelmanni, produced from a graft brought by Mr. Meehan from the timber-line on Gray's Peak, in Colorado; this is a compact, dense pyramid eight feet high, with very glaucous leaves, and, altogether, one of the most distinct and interesting conifers of recent introduction.

One of the best plants in the United States or Europe of the Japanese and northern China Quercus dentata can be seen here; it is fully thirty feet high, with a stout, well-formed trunk and spreading branches. The hardiness and value here of this handsome and very distinct tree appear to be demonstrated. Here, too, is the finest specimen of Cedrela Sinensis I have seen, a shapely plant nearly thirty feet high, which has flowered freely this year. A split in the trunk indicates, however, that it is not destined to grow to a great age, and shows, what has been noticed before, that Cedrela lacks the hardiness and constitution which make the Ailanthus, from the same region of northern China, one of the most valuable of all trees. In general appearance the two trees are not unlike, but the leaves of Cedrela are without the glands which characterize those of Ailanthus, and the flowers are produced in long hanging racemes. Near the Cedrela stands one of the best plants of Hovenia dulcis which can be seen outside of Japan. It is a slender tree thirty feet high, with spreading branches and a flat top, and has flowers profusely this year. There is a large specimen, too, of Zizyphus vulgaris, the Jujube tree, covered with half-grown fruit; this beautiful tree, a native also of northern China, appears perfectly hardy in Germantown; it is well worth a place on every lawn for the beauty of its lustrous pinnate leaves. A remarkable plant of Pterostyrax hispidum is more than twenty-five feet high, with a tall straight trunk and widespread branches loaded with its ripening fruit.

Of plants in flower in the nursery nothing was so beautiful and interesting as Gordonia Altamaha, the rarest of all North American trees. Discovered long ago in Georgia by the Philadelphia botanist, Bartram, it has not been seen growing naturally for nearly a century, and has only been preserved through cultivated plants. Mr. Meehan grows it extensively, fully appreciating its value and the beauty of its large, fragrant, white flowers, which resemble those of a single flowered Camellia, and continue to open for a long time in succession at midsummer, and of its large lustrous leaves which in autumn assume the most brilliant scarlet tints. Great masses of this plant may be seen near Horticultural Hall, in Fairmount Park, where it appears perfectly at home. It is strange that it is so rarely found in our gardens. No other summer-blooming hardy shrub or small tree at all equals it in beauty.

The comparatively new Rose, Madame Georges Bruant, I saw in flower here for the first time; it is a hybrid, raised at Poitiers by a nurseryman named Bruant, between the Japanese Rosa rugosa and the Tea-rose, Sombreuil. It is a vigorous-growing plant, with clustered, fragrant white flowers and pale glaucous foliage; it is very distinct from other hybrids raised from Rosa rugosa, and as it appears to be a free and constant bloomer it may be expected to prove a decided acquisition.

S.  

From Garden and Forest, September 6, 1893.
A variety of the well known White Dogwood, but having a deep rosy pink colored flower. The leaves also have a soft, velvety appearance, and are of a darker green than the old variety. It makes a good, upright, bushy growth.
Preface to Twenty-seventh Edition.

In the rush and turmoil of the 19th century, is there any one who takes the time to read the preface of a catalogue? We doubt it,—but yet upon the chance that some one will read it we want to talk, not upon the extent of our nurseries or the many years that we have been actively engaged in nursery work, but upon the quality of the stock we send out, upon the care we take to produce the finest grade of stock, and the jealous watch we keep to see that our stock is true to name.

Of what use is it to buy trees which are of weak, sickly growth and in a low state of vitality? Such trees cannot recover from the effects of transplanting for several years thereafter, and if they are of large size, the time will be even longer. But what of the trees that have had care and attention from the time they were small,—stimulated to growth by yearly applications of manure, and the soil cultivated each season as carefully as for a crop of corn, potatoes or other garden vegetables. Such trees will have strong, heavy roots, with plenty of fibres, and will be in a better condition to resist the action of transplanting than those that have not had this care and attention.

A man in poor health, with a low or weak constitution, will not recover from a surgical operation, which has taken off his leg or arm, as quickly as one who is strong, vigorous, and in the highest state of health; and it cannot be expected that a tree in the same condition would do any better,—yet many people buy such trees, because they are low priced, and expect them to do as well as those in the highest state of health and cultivation,—and which cannot be sold at such figures. The very fact that a tree is low in price should often condemn it to practical planters.

Nurserymen who visit the Meehan Nurseries are astounded at the labor and manures used in the growing of trees and shrubs. One nurseryman went so far as to say that “it did not pay;” but when we pointed to the strong, sturdy growth of our trees—Norway and Sugar Maples making from 3 to 4 feet growth in one year—he was forced to admit that we were right, and that it not only paid us to do so, but that we were dealing generously with our customers by furnishing them with such strong and healthy stock.

Visitors during the summer and fall can see large stacks of manure—all stable manure, no phosphates—here, there and everywhere, all over the place, and if they come in the winter, they will see it being drawn and scattered through our large blocks of Oaks, Maples, Birch, shrubs, evergreens, and in fact everything we are growing. But the new blocks of plants are not neglected. Before anything is planted the ground receives a heavy coating of manure, which is ploughed into the ground,—and frequently additional manure is scattered in the trench among the roots of the young plants just being set out.

During the summer the cultivators and hoes are kept going, stirring the soil and working the manure into the ground.

What is the result? Have you ever observed a field of corn or a garden that has had as much manure, care and attention? A strong, heavy crop,—that is just what we get from our labor and expense, and in consequence our customers get as vigorous, healthy stock as can be produced anywhere in the United States,—and from which there is a smaller per cent. of loss from transplanting. Is this then not the stock to set out?

Visitors are cordially invited to inspect our stock. They should take the train at Twelfth and Market Streets, getting off at Walnut Lane Station, or at Broad and Market Streets, for Carpenter Station. Cabs can be had at either station if desired. The Eighth Street and Germantown Avenue electric cars come within three squares of our nurseries. Leave cars at Church Street, Germantown.
NATIVE OAKS.—Methods of Pruning and Planting.

For twenty years or more we have been trying to impress upon American planters the importance of using Native Oaks in landscape work. We have successfully met every argument against their use advanced by those who have said they were "slow of growth," "difficult to transplant," etc., and until finally, after all these years, planters began to realize that we were right and to recognize in the American Oak the "King of Trees" for not only general landscape work, but for planting carriage drives, walks and streets; and to-day there is scarcely a landscape gardener who does not use them in his planting plans, while there are very many who include them in large quantities.

Native Oaks can be planted for almost every purpose; as a single specimen on a lawn no other tree can present such a sturdy, noble appearance. When three or more are set together they form a group always to be admired,—but it is as Avenue trees they present the finest appearance. The Pin Oak (see illustration page 11), with its slightly drooping branches, is frequently used for this purpose. The Scarlet Oak, however, is perhaps in the greatest demand, not only as it is a good grower, but on account of its great beauty in the fall when covered with its gorgeous dress of autumn foliage. The Red, Black and Bicolor are good strong growers; they are of a larger and more spreading growth than the Pin.

The Scarlet Oak shows to the best advantage as a specimen lawn tree, or planted in groups,—either leaving the branches low, and sweeping the ground or trimmed up to a trunk. Making a large spreading head—in fall its foliage turns to the most brilliant scarlet and crimson colors, changing among the first in fall and continuing with its glowing color after that of other trees has turned brown and fallen to the ground.

Nearly every variety of Native Oak will grow as fast as a Norway or Sugar Maple,—some seasons making as much as two, three and occasionally three and one half feet of growth in one season. The Red, Black, and Chestnut are the fastest growers of all. The Scarlet, Pin, and Bicolor come next in order, though by no means of slow growth, it being a very rare occurrence that any of these sorts make less than two feet of growth in a season.

Many people do not make a success of transplanting trees because they do not give enough attention to their pruning. All trees need more or less pruning when transplanted, and, as a general thing, the hard-wooded trees, like the Oak, Beech, Hickory and Walnut need severe pruning, while the softer-wooded trees, like the Maple, Birch, Willows and Poplars will do with less. Then, too, the condition of the roots is always a guide as to the amount of pruning necessary. For instance, a Silver Maple usually has a mass of small fibrous roots,—hence it requires little or no pruning; while, on the other hand, the Walnut will rarely have these small fibres, but just a few large, heavy, forked roots, and in this case the pruning should be very severe.

There is a great difference in this respect even among the different species of a genus. Thus, a Pin Oak has roots almost as fibrous as a Sugar Maple, and will do, when transplanted, with but very little pruning, while the Black, Red and Scarlet
Oaks have but few fibres and consequently the pruning should be more severe. Just at this point we could caution planters, when pruning the Pin Oak, *not to cut off the leader*, as it is almost impossible to start another. The other species will readily push up a new central shoot, but the Pin Oak, rarely.

The accompanying illustrations will show the correct pruning of a Pin and a Red Oak, and also show the fibrous roots of the former and the few heavy roots of the latter. The two trees illustrated are both six years old from seed, and have been twice transplanted.

The Pin Oak before pruning was 6 feet 10 inches high and the Red Oak was 7 feet 6 inches. Last year's growth of the Pin Oak was 2 feet and 4 inches, of the Red Oak 3 feet, of which 11 inches was a second growth made in late summer and fall. Compare this with the growth of any other tree and it will be found that it is equally as rapid if not more so.

The Oak likes a rich, loose soil, and the roots should not be cramped into a small hole. Dig a large hole, even though the roots do not seem to require it, and use good, rich top soil in planting. Cover the surface of the soil that has been disturbed with a good thick mulch of well rotted manure for the first year, and we feel sure that the trees will make a growth that will both astonish and please the planter.

The Oak will grow and thrive in almost any soil. All sorts will do well in high, rolling ground, but the Pin and Bicolor—especially the latter, will thrive in low, moist situations, where the soil is heavy.

For prices and list of varieties, see page 11 and 12. When quantities or special sizes are required, send list for special prices.

**BERBERIS THUNBERGII.**—Japan Berberry.

Up to within a year or two past this shrub was used only as an ornamental plant, but latterly it was found to make one of the most ornamental hedges of low, dense habit. The branches being long and slender and thickly covered with small twigs and thorns, it forms a thick, dense mass, reaching close to the ground, which no small animal can penetrate. The leaves are small and narrow, dark green in color, changing in the fall to the most brilliant shades of yellow, scarlet and crimson. The flowers are yellow,

appearing in the early summer, followed by small, green berries, which towards fall turn red.

Planted as a single specimen or in groups of three or more, it produces a very pretty effect, especially when it takes on its autumn coloring. It forms a bush about four feet high, nearly round in shape, and very thick and dense. The leaves appear very early in spring, but the bush is easily transplanted after the leaves come out, owing to the great mass of fibrous roots it possesses.

Price 50 cents each, $4.00 for 10.

**HEDGING PLANTS.**

- Jo to 15 inches, . . . . $10.00 per 100
- 18 to 24 inches, bushy, . . $15.00 per 100
- 2½ to 3 feet, bushy, . . . . $25.00 per 100

**VITEX AGNUS-CASTUS.**

When people return from their summer travels, the dearth of flowering shrubs is always noticeable. The vitex is one at least that blooms and pleases them. It bears panicles of lilac-blue flowers, which are much appreciated, and the foliage is nicely scented. Price, 50 cents.

NOTE.—The Preface of the Catalogue contains some useful hints; read it.
HARDY RHODODENDRONS.

Rhododendrons, while sometimes planted as single specimens, and as such making a fine appearance, are more commonly set in beds or masses of from 25 to 100.

Our importations of these alone, have increased from year to year until last season we imported several thousand plants—one customer taking over 800 of them. This season we offer a large quantity—fine strong plants, mostly well set with flower buds—and, the best of all, they are well acclimatized, having gone through the past winter without the slightest injury.

The Rhododendron delights in a deep, cool soil, and where these conditions do not naturally exist, the ground should be especially prepared for it. The soil should be dug out to a depth of three or four feet, the bottom filled with stones—to afford good drainage—and the balance filled in with good top soil, using as much sod as can be secured.

After the plants are set out, the bed should be covered to a depth of at least six inches, with well rotted stable manure. This not only acts as a stimulant, but also keeps the ground cool and moist during the summer, and prevents frost penetrating too deep in the winter, both of which will result in unusual health and vigor in the plants. There are many varieties imported from Europe that are not generally hardy in this country. After experimenting for years we have found the list we now offer to be perfectly hardy.

Where large masses are required for planting in or along the border of woods, or even to produce a beautiful effect in large beds, the Catawbiense seedlings will be found admirably suited for the purpose. They are extremely hardy and of good, rapid growth, and the only drawback to their being generally used instead of the more expensive hybrids, is that they are nearly all of one color—purple,—still the heads of flowers are large, and they are borne in great profusion, and the effect, when massed, is very fine.

NAMED VARIETIES.

<table>
<thead>
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<th>Each.</th>
<th>Per 10</th>
<th>Per 50</th>
<th>Per 100</th>
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<tbody>
<tr>
<td>12 to 18 inches, with buds,</td>
<td>$1 00</td>
<td>$9 00</td>
<td>$40 00</td>
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<tr>
<td>18 to 24 &quot; &quot; &quot;</td>
<td>1 50</td>
<td>13 00</td>
<td>55 00</td>
</tr>
<tr>
<td>Selected Specimens,</td>
<td>$1 75 to 2 50</td>
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</table>

CATAWBIENSE SEEDLINGS,

<table>
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<th>Each.</th>
<th>Per 10</th>
<th>Per 50</th>
<th>Per 100</th>
</tr>
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<tbody>
<tr>
<td>12 to 18 inches,</td>
<td>$1 75</td>
<td>$5 00</td>
<td>$30 00</td>
</tr>
<tr>
<td>18 to 24 &quot;</td>
<td>$1 25</td>
<td>10 00</td>
<td>40 00</td>
</tr>
<tr>
<td>Selected Specimens, 2 to 3 feet,</td>
<td>$1 75 to 2 00</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Album grandiflorum, white.
B. A. Elliot, deep rose, dark spots.
Blandyanum, rosy crimson.
Congestum roseum, light rose, dark spots.
Cyaneum, purple.
Caractacus, purplish crimson.
Catawbiense, Seedlings.
Duchess of Bedford, crimson, light centre.
Delicitissimum, clear white, tinted with pink.
Everestianum, rosy lilac.
Giganteum, pale rosy crimson.
Ingrani, bluish white, chocolate spots.
John Walter, rich crimson.
Kate Waterer, clear rosy crimson, large yellow mark.
Lady Stamford, cream pink, upper petals maroon.
Minnie, bluish white, upper petals yellow.
Multimaculatum, white and yellow spots.
Mrs. John Clutton, fine clear white.
Mrs. Tom Agnew, pure white, lemon blotch.
Madame Carvalho, fine clear white, greenish spots.
Michael Waterer, brightest scarlet crimson.
Nero, large bright purple.
Perspicuum, good white.
Pictum, clear white, orange spots.
Princess Mary of Cambridge, rosy pink.
Queen, fine white.
Roseum elegans, rose.
Star of England, white, lemon spots.
JAPAN HARDY HYDRANGEA.—Hydrangea paniculata grandiflora.

This beautiful shrub, with its great profusion of large panicles of white flowers, completely covering the plant from August until September, when it gradually assumes first a light pink, then a darker shade of that color, is so well known that it needs no introduction.

Up to this time it has commonly been planted as a single specimen on the lawn or intermingled with other shrubs, but of late years, especially at Newport, where the shrub attains great perfection, it has been shown that an effect unequalled by any other plant can be produced by planting it in clumps of 25, 50 or 100 plants. The enormous quantity of bloom thus massed has been a great attraction to visitors at this popular watering place for several years past, and the practice is now growing popular elsewhere.

Whether plants of small size are used or large vigorous stock is set out, the grand effect of planting in masses is secured at once, as the smallest sized stock offered by us will bloom the first season of planting.

After planting, the stock should be cut down to within six inches of the ground, it will then push up strong new shoots, which will bloom the same season.

That customers may try the effect of this style of planting, we offer the following low schedule of prices.

<table>
<thead>
<tr>
<th>Hydrangea paniculata grandiflora</th>
<th>For 10</th>
<th>For 25</th>
<th>For 50</th>
<th>For 100</th>
</tr>
</thead>
<tbody>
<tr>
<td>10-18 in.</td>
<td>$1.50</td>
<td>$3.00</td>
<td>$5.00</td>
<td>$8.00</td>
</tr>
<tr>
<td>2-3 ft.</td>
<td>$1.75</td>
<td>$3.50</td>
<td>$6.00</td>
<td>$10.00</td>
</tr>
<tr>
<td>3-4 ft.</td>
<td>$2.00</td>
<td>$4.25</td>
<td>$7.50</td>
<td>$13.00</td>
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Single specimens, price 50 cents; extra sized, 75 cents to $1.00 each. Tree shaped, $1.00 each.

Read the Preface to the Catalogue. It contains interesting facts.
The Cornus florida, or White Dogwood, is an old stand-by in landscape work, and the demand for it equals that of any other tree used for ornamental planting. Its large, white flowers are among the first to open in the spring, completely covering the tree, making it one of the most beautiful attractions on the lawn.

After seeing one of these beautiful White flowered Dogwood can any one imagine anything more attractive? And yet, change the color of the flowers from white to deep pink, and is there not a great improvement? This is what nature has accomplished in the New Red Flowered Dogwood.

In every other particular, it is exactly like the white flowered one. Flowering trees of the red flowered sort, growing on lawns here in Germantown, have attracted great attention, and we have sold many plants from this fact. In one instance we sent out several hundred flowers to our regular customers, and ninety out of every hundred bought a plant.

Though the Weeping Dogwood has been longer in cultivation, the demand increases yearly, as the plants set out when it was first introudced are attaining some size and increasing in attractiveness. Unlike most weeping trees, it forms a central leader which shoots perfectly upright, always forming a straight trunk, while the side branches gracefully sweep the ground. It bears the large white flowers in spring and red berries in fall, just the same as the white flowered sort. (See illustration page 23.)

In addition to all that has been said, it must be remembered that the foliage of all three sorts turns to the most brilliant red, scarlet, bronze and yellow colors in the fall.

One of each of the three sorts, form a very attractive group.

Cornus florida, 3 to 4 ft, 75 cents each; $6.00 for 10. 6 feet, very bushy, $1.50 each; $12.50 for 10.
Cornus florida rubro, 2½ to 3 feet, bushy, $1.00 each; $9.00 for 10. 4 to 4½ feet, bushy, $1.50 each; $12.50 for 10.
Cornus florida pendula, 3 feet, $1.00 each; $9.00 for 10; 4 to 5 feet $1.50 each; $12.50 for 10.

Ten plants made up of either two or the three sorts will be sold at the 10 prices.

VIBURNUM PLICATUM.—New Double Japan Snowball.

Beyond doubt, this is one of the finest shrubs ever introduced. Some plants are beautiful when in bloom, others when they are in fruit, while still others are most attractive in the fall when the foliage takes on its autumn coloring,—but few look well from early spring to late fall.

Among the few that have this distinction, the Japan Snowball is well to the front. It is among the first in spring to push out its leaves. They are of a dark olive green color, with the younger foliage and leaf stalks of a coppery brown. The leaves, too, are plaited, as will be seen by the engraving on the last page of cover.

The flowers quickly follow the leaves, being fully open by Decoration Day. They are of good size, and are borne all along the stems. They last for a long time after opening.

The foliage keeps its dark green color all through the summer and late into the autumn, falling after nearly everything else has dropped its foliage.

It is a good, strong, upright grower, and transplants readily.

Bushy plants, 3 feet, 50 cents each; $4.00 for 10; 4 feet, 75 cents each; $6.00 for 10; 5 feet, $1.00 each; $9.00 for 10.
CERCIS JAPONICA.—Japan Judas.

There are but few people who have not noticed the bushy shrub, growing to a height of about five feet, which, almost the first thing in spring, pushes out great masses of small, pea-shaped, bright pink flowers all over its branches. It is the Japan Judas, and it is so conspicuous that it never fails to attract attention and admiration. The leaves which follow just as the flowers disappear, are dark, shiney green, of medium size, and are heart-shaped. Either as a single specimen on a lawn or planted among other shrubs, it will be equally attractive.

Price, 75 cents each.

MAGNOLIA FRASERI.—(Auriculata.)

We take great pleasure in offering this scarce and beautiful tree to our patrons. Although known for many years to be one of the most desirable of all Magnolias, by the few fortunate enough to possess a specimen, it has been almost unknown in collections, because of its great scarcity. It has been our good fortune to propagate it to some extent, enabling us to offer it in this way for the first time. In growth it is of stately form, growing rapidly into a large-sized tree. The foliage is large and handsome. But it is its flowers which give it such great claims to distinction. Besides being of large size, they are of a canary yellow color and deliciously fragrant, almost, if not quite as much so as the famed Swamp Magnolia, glauca. They expand, too, later than some of the more early kinds, and open one after the other, keeping up a display for some time. It gives us great satisfaction in being able to offer and recommend it to our customers. Price, $2.00 each.

SPECIAL PRICES:—When large quantities of trees or shrubs are required we ask to be given a list of what will be needed, with the sizes wanted, that we may make a special price on it.
Supplementary List of New or Rare Trees, Shrubs, Vines and Evergreens.

Deciduous Trees.

Acer polymorphum amapelosilbum, Large green-leaved Japan Maple........................................ 1.00
" polymorphum reticulatum, Japanese Maple, green-leaved, spotted white and yellow.............. 1.00
" Japonicum, Large, green-leaved, both bark and leaf resembling the acer striatum............................... 1.00
Amelanchier rotundifolia, Dwarf June Berry, ................................. 50
Aralia canescens, Hercules' Club, .................... 75
" Japonica, Japanese " ............................... 75
Cerasus Virginiana, Native Choke Cherry........ 50

Cedrela sinensis, a Chinese tree resembling the Alianthus, but without the ill scented flowers of that tree ........................................................................................................................................ 1.00
Fraxinus atrovirens, European variety, Ash 75
" longicuspis, Japan Ash, Hare... 1.00
" pubescens, Red " ............................... 75
Pyrus Americana, Am. Mt. " ............................... 75
" Parkmanni (Japonica f. pl.), a desirable sort, bearing bunches of rosy pink flowers of great beauty ................................................................. 1.00
Quercus castanea, Western Chestnut Oak, 75
Ulmus parvifolia, Small-leaved Elm, .......... 75
" sinensis, Chinese " ............................... 75

Deciduous Shrubs.

Azalea calendulacea, Flame-colored Azalea $0.75
Andromeda recurva, Racemes of white flowers, ................................. 50
Baccharis halimifolia, a native shrub, bearing heads of feathery white seeds in fall........ 50
Berberis aristata, Asiatic Berberry ................................. 50
" Sieboldii, Japanese " ............................... 50
Buddleia curviflora, " ............................... 50
" intermedia " ............................... 50
These shrubs bear light purple flowers and bloom in midsummer.
Caryopteris Mastacanthus, a new and valuable introduction from China. It bears bright blue flowers abundantly during September and October. ................................. 1.00
Cassia Marilandica, This shrub-like plant, though it disappears to the ground in winter, bears yellow flowers in great profusion in midsummer. 75
Clerodendron Bungei, Of the same habit as the last named plant. Its large heads of pink flowers are very showy. It spreads from the root, soon forming a large clump, ....................................... 75
" viscosum, A shrubby sort, bearing light-colored flowers ................................. 75
Coronilla emerus, This shrub bears yellow flowers in midsummer. ................................. 75
Cornus officinalis, A Japanese species ................................. 75
Deutzia Wellsii, A new white-flowered Deutzia, ....................................... 75
" Sieboldii " ............................... 75
Elaeagnus umbellata, This is valued for the great display its numerous red berries make in the fall................................................................. 50
Forsythia Fortun., Deep yellow-flowered golden bell................................................................. 50
" variegata, Variegated leaved ............................... 50
Gaulussacia frondosa, Huckleberry, ................................. 35
" resinosa, " ............................... 35
" ursina, " ............................... 50
Halamodendron argenteum ................................. 50
Hydrangea radiata, The silvery underside of the leaves is a great attraction. ................................. 50

Hypericum densiflorum, St. John's Wort, $0.50
" Moserianum, " ............................... 75
Hypericums are good midsummer bloomers. Densiflorum is a prolific bloomer, and Moserianum has very large flowers, which are produced throughout the fall months.
Lagerstroemia Indica, Crape Myrtle, Pink. 75
When sheltered a little in winter, it lives out in Philadelphia.
Lespedeza bicolor. A shrub bearing rosy pink flowers ................................................................. 75
Leycesteria formosa. The white flowers and rosy calyx, followed by rose-colored berries, make this a desirable shrub. It is hardy in Philadelphia. 75
Limonia triflora, The hardy Orange. Bears sweet scented flowers in early spring and oranges in fall, which, however, are not to be eaten ................................. 50
Ligustrum ibota, Privet ................................. 50
" Japonicum, " ............................... 50
" Pekinensis, " ............................... 50
These are desirable sorts of the numerous family of privets.
Lonicer a fragrantissima, Bush Honeysuckle, ................................. 50
" Koralkowi, Bush Honeysuckle ................................. 50
" Ruprechtiana, " ............................... 50
" Standishii, " ............................... 50
The first and the last named of these Loniceras are early blooming, the flowers sometimes expanding before winter is fairly over.
Photinia villosa, White flowers in June, ................................. 50
Prunus Japonica, ................................. 50
" tomentosa, " ............................... 50
Punica alba plena, Double white Pomegranate, ................................. 50
Rosa multiflora, ................................. 50
" spinosissima, " ............................... 50
Rhamnus crenatus, ................................. 35
Rhus cotinoides, This rare native shrub is a more compact grower and has larger foliage than the common Mist Bush ................................................................. 1.00
Rubus deliciosus, Rocky Mountain Rubus, 75
" odoratus, Flowering Raspberry ................................. 50
Spirææ arææfolia ........................................... $0 50
" rotundifolia ........................................... 35
" Van Houtii ............................................. 50

All these spirææs have pretty foliage and bear white flowers early in spring.

Stephanandra flexuosa. This new shrub bears greenish-yellow flowers in spring, and bas neat, pretty foliage.

Syringa alba grandiflora. Large white Lilac 50
" Comte Horace de Choiseul. Deep violet-red Lilac 50
" Leon Simon, Bluish-crimson Lilac 50
" Ludwig Spaeth. Dark purplish-red Lilac 50
" Marie Legray. White Lilac 75
" Mathieu de Dombasle. Double-reddish mauve Lilac 75
" Professor Sargent. Dark violet Lilac 50

Syringa Pyramidalis, Pure azure rose Lilac 50
" Rubella flora pionia. Double violet red Lilac 75

Senator Vollard. Rosy-red Lilac 50

These lilacs are mostly much superior to the old sorts, either in size of panicle or in color of flower, and sometimes in both respects.

Tamarix plumosa Japanica. Late flowering 50

Viburnum rotundifolium. This is a variety of the Japan Snowball (plicatum), which flowers a week or more earlier than the other, and has reddish, round leaves 75

Zanthorhiza apifolia. A native shrub, bearing small purple flowers in early spring 50

Zanthoxylon piperitum, A Japanese species of the Prickly Ash 75

Zizyphus vulgaris, Juju'Be Tree 75

Weeping Trees.

Camperdown Elm ............................................ $1 00
Deciduous Cypress ........................................ 1 00
Lilac (Pekhensis) ........................................ 1 00
Locust (Bujota pendula) .................................. 1 00

Mountain Ash ............................................. $1 00
Mulberry (Teas) .......................................... 1 00
Willow (Rosemary) ........................................ 75

Evergreens.

Abies excelsa pyramidalis, Pyramidal Norway Spruce 1 00
" " pygææ, Dwarf Norway Spruce 1 00
" " pumila compacta, Compact Norway Spruce 1 00
" " Engelmanni, Engelmann's Spruce 75
Andromeda Japanica. This beautiful evergreen bears drooping racemes of white flowers in spring 75

Buxus Japonica aurea, Golden-leaved Box 50
Picea pectinata pyramidalis, Pyramidal Silver Fir 50
" sub-alpina, Colorado Silver Fir 1 00
Pinus inops, New Jersey Pine 50
Retinospora pisifera aurea 75
" Sieboldi 50
Taxus Hibernica, Irish Yew 1 00
" adpressa stricta, Japanese Yew 1 00
" Washingtoni, Golden Yew 1 00

Vines.

Ampelopsis disecta, Cut-leaved Va. Creeper 50

Vitis Coignetii. From Japan 50

Wisteria multiflora alba, Double White 75

LARGE TREES.—This catalogue only gives prices on the usual shipping size. Our stock comprises trees from one year old seedlings to extra heavy trees 20 to 25 feet in height. All well grown, strong and healthy in every way. Quotations on this class of stock by letter.

NOTE.—When large quantities of nursery stock are required, we will make special prices. Lists of numbers, varieties and sizes should be furnished us to estimate on.
Deciduous Trees.

Prices.—The prices quoted are for what are known as the usual planting sizes, and we assure our customers that we will endeavor to give them the full worth of their money. In a large retail nursery where trees from an inch or so to ten or twelve inches in circumference, and from six to twenty feet high, are in constant demand, prices will naturally be proportionately advanced. When such selections are desired, we will do our best to give the full worth of the additional price.

**ACER. Maple.**

Maples are deservedly popular trees. For street or avenue planting the larger sorts are invaluable, doing well in almost all soils and situations. The beautiful leaved Japanese sorts are now well known, and are admirably suited for massing in beds or groups on the lawn.

*Acer campestre,* European Cork Maple. A small sized, round-headed tree, with handsome, neat foliage and corky bark.................. $ 50

*dasycarpum,* Silver Maple. One of the best of trees where large size, quick growth and light foliage are required.................. 50

*var. Weirii,* Weir's Cut-leaved Silver Maple. A remarkable and beautiful tree of drooping habit and finely divided leaves. As a single specimen on a lawn, it could not be dispensed with. 75

*lætum (Colchicum rubrum),* A Japanese tree of spreading growth and rounded form. The young growth of wood and foliage is of a brilliant red; the mature leaves of a rich shining green. The bark is light and striped.................. $1 00

*macrophylum,* Oregon Maple. A tree of large growth and large, dark green foliage ... $1 00

*obtusatum,* A species of moderate growth, from Southern Europe.................. 75

*platanoides,* Norway Maple. A large, handsome, round headed tree, with large, numerous dark green leaves. Invaluable for street planting, and one of the best to plant on a lawn to place seats under.................. 75

*var. laciniatum,* Cut leafed Norway Maple. This variety has deeply lobed and sharp-pointed leaves.................. $1 00

*var. Reitenbachii,* A variety with dark purple leaves, which retain their color through the season.................. $1 00

*var. Schweidleri,* This has young foliage of bright purplish crimson, changing to a purplish green in the older leaves.................. $1 00

*Japonicum aureum,* Golden-leaved Japan Maple. A most beautiful variety, the foliage being shaded with gold and green. This, with its good habit of growth, makes it a most desirable species.................. $3 00

*Acer polymorphum,* Japan Maple. A small sized, shrubby growing tree, with small, deeply lobed foliage, of bright green, changing to a purplish hue in autumn.................. $1 00

*Acer var. atropurpureum,* Blood-leaved Japan Maple. (See cut.) A bushy shrub, with dark purple, deep cut leaves. The young growth is of a brilliant crimson. As a bushy shrub of brilliant foliage it cannot be dispensed with........... $1 50

*var. lætum,* Another interesting variety from Japan. The young growth is a deep red, changing to a shining green.................. $1 00

*var. pinnatifolium atropurpureum,* Cut-leaved Japan Blood-leaved Maple. A striking variety, with finely dissected blood leaves, and long, slender, fern-like growth.................. $2 00
Acer var. roseo marginatum. (See cut.) In this variety the growth is slow, but its small leaves, with their rosy pink margin, make it a particularly distinct sort. $2.00

Acer polymorphum roseo marginatum.

Aesculus. Horse Chestnut.

The magnificent foliage and large, handsome spikes of flowers, make these trees justly celebrated. The double sorts are valued by many because of producing no seeds.

Aesculus glabra, American Horse Chestnut. A quick growlug large sized tree, with reddish wood and yellowish white flowers. $1.00

" hippocastanum, European Horse Chestnut. This magnificent large sized tree, free from all insects as it is, has no superior as a lawn tree. In spring its profusion of white panicked flowers make it a striking object. $1.25

" var. alba plena, Double flowered White Horse Chestnut. The flowers are very double, making of this a distinct and beautiful variety. $1.25

" var. rubra plena, Double flowered Red Horse Chestnut. Equally as desirable as the foregoing. $1.25

" rubicunda, Red flowering Horse Chestnut. This has large, handsome red flowers, tinged with yellow in the centre, and dark green leaves. $1.25

Ailanthus. Tree of Heaven.

Ailanthus glandulosa. This thrive in poor ground as well as in better situations, and makes a large tree. The disagreeable odor of the flowers is confined to the male trees. $0.50

Alnus. Alder.

The European Alder is useful where a quick growing large sized tree is required. The cut-leaved variety is a very handsome tree.

Alnus firma. A Japanese sort, with large catkins of flowers and green leaves. $0.50

" glutinosa, European Alder. Quick growing, erect; likes a moist situation. $0.50

" var. laciniata imperialis, Cut-leaved Alder. A large tree of good shape, with deeply laciniate foliage; well adapted for a lawn. $1.00

" maritima. A more shrub-like sort than the foregoing, with large foliage. $0.75

" Oregona, Oregon Alder. A distinct species. $1.00

" serrulata. A bushy form, growing best in wet places. $0.50

Amelanchier. June Berry, Snowy Mespilus, &c.

Amelanchier Botryapium. A small tree, bearing snow white blossoms in early spring, followed by pleasant tasting fruit, sometimes called Indian Cherry. $0.75

" alnifolia (nana). A dwarf form of much beauty, flowering when less than a foot high. $0.50

Amygdalus. Flowering Peach.

Amygdalus Persica. Double flowered white, crimson and rose. These are among the most valued of early spring flowers. $0.75
Amygdalus var. purpurea, Blood-leaved Peach. The leaves are blood-red in spring, and keep of a dark shade all summer. .......................... 50

ANDROMEDA. Sorrel Tree.

Andromeda arborea. The only “tree” of all Andromedas. It bears racemes of white flowers of uncommon beauty, and in autumn the foliage turns to a brilliant scarlet. A distinct and beautiful tree................................. $1 25

ANONA. Pawpaw.

Anona var. odollum. A small sized tree, having bright green leaves, and bearing edible fruit somewhat resembling the banana .......................... 75

ARALIA. Hercules Club.

Aralia spinosa. A singular looking small-sized tree, bearing panicles of white flowers in August. The stems are very prickly. Does well in mixed clumps.......................... 50

BETULA. Birch.

Birches possess a character peculiarly their own; of quick growth, light branches, small leaves and airy appearance, nothing can take their place in landscape work. In addition, nearly all have beautiful, peculiar looking bark, and the trees thrive in even the poorest soils. In some species the colored bark does not show until the trees are about six years old.

Betula var. fastigiata, Upright Birch. This has a close, compact, upright growth, quite unusual in Birches, besides its white bark.................... $1 00

 var. laciniflora, Cut-leaved Weeping Birch. (See cut.) This is beyond question the most esteemed of weeping trees. It is of slender, yet vigorous growth, drooping, with finely dissected leaves, and white bark.................................. $1 00

 var. pendula Youngi, Young’s Weeping Birch. This forms pendulous heads of much beauty, and is quite distinct from the preceding one.................................................. $1 50

 var. purpurea, Purple leaved Birch. The purple foliage of this tree, with its purple and white bark, make it unusually distinct. $1 00

 costata. This is an erect growing tree, from the Amoor River. The leaves are larger than with most Birches. Distinct.................. .......................... 75

 lenta, Sweet or Cherry Birch. A noble, spreading tree, of large and shapely growth. 75

 lutea, Yellow Birch. A large, upright tree, with some of the characteristics of the preceding, but with peculiar yellow bark, which alone would distinguish it.......................................................... 75

 nana, Dwarf Birch. A low-growing, distinct native sort, making a large bush. $1 00

 papyracea. Canoe or Paper Birch. A shapely tree, with handsome foliage and beautiful white bark; not excelled by the famed English White.................. .......................... 75

 populifolia, Poplar Birch. This is known as the American White Birch, and is largely planted.................................................. 75

 rubra, Red Birch. The shaggy red bark of this species is what gives it its distinction. It is much sought after by planters.......................... 75

BUMELIA.

Bumelia lanuginosa. A small native tree, with sphyly branches and shining leaves............... 75

CARPINUS. Hornbeam.

Carpinus Americana, American Hornbeam 50

 Betulus, European Hornbeam.................. 50

 These grow thick and bushy, with branches close to the ground, and are admirably suited for planting for screens and hedges. They will grow in the shade where nothing else will.

CARYA. Hickory.

Hickories are among the most useful of our native trees. The Pecan and Shellhark are well known for their well-flavored nuts, and for timber many are invaluable. All grow to a very large size.

Carya alba, Shellbark Hickory. The nuts are only excelled by the Pecan, while the wood has no superior .................................................. 75

 amara, Bitternut Hickory. The nuts are very bitter, but the wood is of the greatest use in commerce .......................................................... 75

 aquatica, Southern Hickory............... 75

 microcarpa, Small Fruited Hickory........ 75

 olivaeformis, Pecan Nut. This heads the list for the quality of its nuts.................. 75

 porcina, Pig Nut Hickory. The nuts are of no value, but its timber is equal to the best............... 75
Carya sulcata, Large Fruited Hickory. But little inferior to the Shellbark in the quality of its nuts, which are also very large............................ 75
" tomentosa, White Hickory. Also of much value for timber purposes......................................................... 75

CASTANEA. Sweet Chestnut.

Castanea Americana, American Chestnut. This leads all the sorts in the quality of its nuts and its valuable timber................................................................. 50
" Japonica, Japan Chestnut. In general appearance this is like the Spanish, but the fruit is larger and produced when the tree is quite young. $1 00
" pumila, Chiniquin. This grows in shrub shape, producing small nuts of excellent quality......................................................... 75
" vesca, Spanish Chestnut. A large, spreading tree, bearing very large nuts......................................................... 75

CATALPA.

Catalpas have very large, tropical looking leaves, and bear large panicles of white and purple flowers in July. The wood is hard and durable.

Catalpa bignonioides, Catalpa. A rapid growing, spreading tree, bearing large panicles of flowers, often a foot long......................................................... 50
" var. aurea, Golden-leaved Catalpa. A slow growing variety, with golden foliage......................................................... 75
" var. nana, Dwarf Catalpa. Grows into a flat-headed bush of thick growth. A novel form......................................................... 75
" kaempferi, Japan Catalpa. A small tree, flowering early, bearing cream colored, purplish flowers......................................................... 75
" speciosa, Western Catalpa. An upright, fast growing species, flowering earlier than the others, and much esteemed for forestry planting................................. 50

CELTIS. Nettle Tree.

Celtis occidentalis, Nettle Tree. An uncommon looking tree, of fantastic, spreading growth, elm-like leaves, and corky bark......................................................... 50
" pumila, Dwarf Nettle Tree. A dwarf form of the above......................................................... 75

CERASUS. Cherry.

Neither flowering nor weeping cherries can be dispensed with in ornamental gardening; the former are needed for their large, double, early flowers, and the latter for various situations where weepers are so suitable.

Cerasus avium alba plena, Double-flowering Cherry. The flowers of this are particularly large, double and handsome......................................................... 75
" Padus, European Bird Cherry. Whether in spring, when full of its racemes of white flowers, or when full of its ripe fruit in August, there are but few nicer things on a lawn. It can be grown as bush or standard......................................................... 75
" Pennsylvanica, Wild Red Cherry. A medium sized native tree, remarkable for its red wood and fruit......................................................... 75
" pumila pendula, Dwarf Weeping Cherry. Grafted standard high, this makes a twiggy, close head of slender branches, unlike any other tree......................................................... $1 00

Cerasus ranunculoseflora, This has small, pretty double white flowers, and grows in bush shape, as Morelos do......................................................... 75
" serotina, American Bird Cherry. The well-known "Wild Cherry," useful medicinally for its bark and fruit, as well as for its beauty as a lawn tree......................................................... 50
" var. pendula, Weeping Wild Cherry. (See cut page 22.) A new weeper of great merit, combining with the flowers and fruit of the ordinary form, a graceful pendent habit. New and distinct. $3 00
" rosea pendula, Japan Weeping Cherry. A very fine pendulous tree, having slender branches which fall gracefully to the ground, and rose-colored flowers......................................................... $1 50
" Sieboldii rubra plena, Siebold's Double-flowering Cherry. This has large semi-double flowers; white, tinged pink......................................................... $1 00

CERCIDIPHYLLUM. Katsura.

Cercidiphyllum Japonicum. A newly introduced tree from Japan, of great beauty and extremely rapid growth, which we take pleasure in illustrating. The leaves are heart-shaped, dark green above and silvery green beneath. The leaf stalks are dark red, a tint of the same color is in the veins, which, with the dark brown of the young bark, gives most unusual attractions. While of upright habit, there is no stiffness of growth, such as often accompanies such an outline. It is perfectly hardy, free from diseases, and a valuable addition to our list of trees. In Japan it is called Katsura, and it is believed to belong to the Magnolia family. (See cut on back of cover.) $1 50

CERCIS. Judas Tree, or Red Bud.

Cercis Canadensis, American Judas Tree. A small sized tree, somewhat round-headed when given full room, bright green leaves, and bearing a profusion of pink flowers very early in spring......................................................... 50
" Japonica, Japan Judas. Not so large as the foregoing, making only a large shrub, but its foliage is a very bright green and its flowers dark rosy pink. It is remarkable for flowering when but a foot high......................................................... 75

CLADASTRIS.

(Virgilia lutea) Yellow Wood.

Cladastas tinctoria, A small sized, round-headed native tree, with compound leaves, and racemes of pea-shaped, white, sweet-scented flowers in June......................................................... $1 00

CORNUSS. Dogwood.

Cornus florida, White or Large Flowering Dogwood. (See cut next page.) Although this beautiful small tree is justly esteemed for its large, showy flowers in spring and its deep scarlet berries and foliage in the fall, we believe it will yet be more called for, though the present demand is large......................................................... 75
" var. flore rubro, Red-flowering Dogwood. (See colored plate, frontispiece.) We have much pleasure in offering this valuable new red flowering variety. The common sort often has flowers
tinged with pink, and when this one was introduced, many supposed it but one of these pink-tinted ones. But this is not the case. In addition to all the valuable qualities of the parent form it has deep red flowers, and the foliage even, is of a darker tint than usual. We cordially recommend it to our customers

$1.00

**FAGUS. Beech.**

Beeches have long been deemed indispensable to the landscape gardener. Their glossy foliage; the pendulous habit of the weeping; finely cut leaves of the fern leaved; the purple of the blood leaved; light bark of the American as contrasted with the English; make an array of good points not easily equaled by the varieties of any other tree. The foliage, though dying when winter comes, often remains on until spring returns.

**Fagus Americana**, American Beech. Well known for its large size, compact growth, and whitish bark........................................ $75

" **sylvatica**, European Beech. Its dark green foliage, bushy growth, and the ease of transplanting, make this a favorite in all plantings.... $75

" **var. asplenifolia**, Fern-leaved Beech. With finely divided, fern-like foliage, and twiggy, well-formed habit, it is universally popular...... $1.00

" **var. heterophylla**, Cut-leaved Beech. While the leaves are much divided, they are not so fern-like as the preceding; still it is a desirable and good variety.......................... $1.00

**CYTISUS. Laburnum.**

**Cytisus Laburnum.** A small sized tree, with shining green leaves, and racemes of yellow flowers, which appear in June.................. 75

**DIOSPYROS. Persimmon.**

**Diospyros Kaki**, Japan Persimmon. A small sized tree, bearing large fruit of excellent quality. Hardy south of Philadelphia, and grown in tubs in the North................................. $1.00

" **Virgiana**, American Persimmon. A tree of large size, bearing fruit liked by many persons after being well frosted......................... 50

**DIMORPHANTHUS.**

**Dimorphanthus Mandshurica.** A new tree, closely approaching the Aralia............ $1.00

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**FRAXINUS. Ash.**

All of this family have much the same general growth: light airy foliage and good shape, but there are great distinctions in foliage, bark, etc.
**Fraxinus Americana**, White Ash. A good-sized tree, with straight trunk and feathery foliage. 75

*var. auckuzefolia*, Aucuba-leaved Ash. The foliage is golden-blotched, the variegation being permanent through the summer. 75

*var. Boscii*, A new variety, with woolly shoots and gray, glossy foliage. 75

*var. spectabilis*, With large, thick, shining green leaves. 75

*anomala*, This is a rare species from Utah. The foliage is unlike an ash, being broader than usual, and it has square stems. $1.00

*elonga Japonica*, This makes rather slim branches, and has finer foliage than many other sorts. $1.00

*excelsior*, European Ash. More spreading than the American, and with generally, a smaller trunk. 70

*var. aurea*, A peculiartree on account of its twisted growth and yellow bark. $1.00

*var. aurea nana*, Dwarf Golden Ash. A small sized variety of the foregoing. 75

*var. heterophylla*, Cut-leafed Ash. This is a quite distinct sort, with fine cut foliage. 75

*var. jaspidea*, Striped-bark Ash. This and similar trees with peculiar bark, are much appreciated when bare of foliage in winter. 75

*var. pendula*, Weeping Ash. $1.25

*var. pendula aurea*, Golden Weeping Ash. This has golden, the preceding, green, bark. Both form large, spreading heads; making excellent arbors. $1.25

*var. salicifolia*, Willow-leaved Ash. Foliage narrow, wavy. Tree of quick growth. 75

*Oregon*, Oregon Ash. This is a large native tree, with a quite dark bark, and leaves not so fine as many others. $1.50

*Ornus*, Flowering Ash. A small sized tree, bearing fringe-like, greenish white flowers in June. 75

*platycarpa*, Water Ash. A Southern species, forming a low-growing tree in the Northern States. 75

*quadrangulata*, Blue Ash. A distinct, fast growing sort, with square or four angled stems. 75

*sambucifolia*, Black Ash. This forms one of the largest trees of all the Ashes. 50

*viridis*, Green Ash. Not so large a tree as the last, but quite desirable. 50

**GLEDITSCHIA**, Honey Locust.

*Gleditschia monosperma*, Water Locust. A small sized tree, native of the South. 75

*sinensis*, Chinese Honey Locust. A distinct, small sized tree. 75

*triacanthos*, Honey Locust. A rapid growing tree, with light foliage and strong spines. 50

*var. Bujot pendula*, Weeping Honey Locust. 75

**GLYPTOSTROBUS**, Chinese Weeping Cypress.

*Glyptostrobus sinensis pendula*, A fast growing coniferous tree, resembling the Deciduous Cypress, but pendulous; foliage much finer.. $1.00

**GORDONIA.** Loblolly Bay.

*Gordonia Lasianthus*. This species is not so hardy as the next, but it lives out in Philadelphia, with protection. $1.25

*pubescens*, Franklin Tree. A small sized tree of exceeding beauty. The leaves are of a shining green; flowers large, white, with yellow stamens, and sweet scented; very scarce. $2.50

**GYMNOCALCIUS.** Kentucky Coffee.

*Gymnocladus Canadensis*. This, though of irregular growth when young, becomes a tree of good shape in time. It has stiff, blunt shoots, with feathery foliage, and quite rough bark. Bears large, thick brown pods of seed in the fall. 50

**HOVENIA.**

*Hovenia dulcis*. A new Japanese tree, with large leaves, and corymbs of white flowers in July, followed later by fruit which is said to be edible. $1.50

**IDESIA.**

*Idesia polycarpa*. A new tree, having very large leaves and long reddish leaf stalks.. $2.00

**JUGLANS.** Walnut.

*Juglans cinerea*, Butternut. Well known for its quick, clean growth, smooth bark, and nuts, which, however, contain but little “meat”. 50

*nigra*, Black Walnut. A majestic native tree, with fine foliage and bearing nuts of commercial value. 50

*regia*, English Walnut or Madeira Nut. A spreading tree of large size, well known and esteemed for its fine flavored nuts. 75

*var. preparturiens*, A dwarf sort, which bears fruit when the tree is quite young. $1.00

**KOELREUTERIA.**

*Koelreuteria paniculata*. A small tree from China, bearing pinnate leaves, and large panicles of yellow flowers, in July. A very ornamental tree. 75

**LARIX.** Larch.

* Larix Europae*, European Larch. An elegant, rapid growing coniferous tree, of pyramidal growth, and drooping branches. 50

*Kømptferi*, Japan Larch. Broad foliage and reddish wood. $1.00

**LAURUS.**

*Laurus Benzoin*, Spice Wood. This has bright green leaves, and scarlet berries in the fall, both of spicy fragrance. 50

*Sassafras*. This has peculiar, deep green foliage, which turns to a deep yellow in the fall. Well known for its aromatic bark and roots. 50

**LIQUIDAMBAR.** Sweet Gum.

*Liquidambar styraciflua*. A stately tree, with star shaped leaves, which change to a deep crimson in the fall. It has also corky bark. 75
LIRIODENDRON. Tulip Tree.

Liriodendron integrifolia, Entire Leaved Tulip Tree. One of the largest and fastest growing native trees. ........................ 75

" tulipifera, Common Tulip Tree or Tulip Poplar. Like the preceding one it is fast growing and of large size. Its large, tulip-like flowers, of a yellowish white color, are very handsome... 75

MACLURA. Osage Orange.

Maclura aurantiaca, The deep green leaves, round-headed growth and large seed balls, make this a really ornamental tree. It is much used for farm and division hedges .................. 50

MAGNOLIA.

It is hardly possible to say enough in favor of Magnolias, The richness of their fresh green foliage and the splendor of their bloom, stand unequaled among trees and shrubs. The majority of them before the leaves appear in spring, About many old residences it is not unusual to see specimens twenty feet high, on which the expanded flowers will be so thickly set that hardly a twig can be seen. All have fragrant flowers to some degree, but the glauca surpasses them all in this respect. All the shrub forms can be grown as standards, if desired, by cutting away all but one stem.

Magnolia acuminata, Cucumber Tree. One of the largest growing of the species. It forms a fine pyramidal-shaped tree. The flowers are yellowish white, medium sized, appearing in June. The fruit when green resembles a small cucumber, but when ripe it is of a deep scarlet. ........................ 75

" Alexandrina. Of shrub-like growth, with white, shaded with pink flowers. $1 00

" cordata. A smaller tree than the foregoing, but resembling it in some particulars. $1 00

" conspicua, Chinese White Magnolia. A highly prized species, on account of its large white flowers, which come before the leaves in spring ........................ 1 00

" Frazeri (auriculata), A rare native tree, with large ear-shaped leaves and large yellowish white flowers of delightful fragrance. $2 00

" glauca, Sweet White Magnolia. Everywhere esteemed for the delicious fragrance of its white flowers, which are produced through May and June. $1 00

" gracilis. A shrub-like kind, flowering early in the season. Flowers dark purple, lighter within. ........................ 75

" Lennii. Flowers, cup-shaped, dark rose, lighter within; shrub-shaped, Blooms in May. $1 00

" Norbertiana. One of the shrubly growing sorts, having reddish purple flowers. $1 00

" macrophylla. A superb species, of medium height and rounded growth. The leaves are of immense size, often two feet in length. The flowers are very large, sometimes ten to twelve inches in diameter. Its tropical appearance—a character all possess to more or less extent—its leaves, flowers, and scarlet fruit, make it most effective. $1 00

Magnolia purpurea, Purple Magnolia. A large shrub-like species, producing light purple blossoms very early in spring .................. 75

" Soulangeana. Large glossy foliage, hardly, vigorous grower, perhaps the best of what are called shrub magnolias. Flowers large, white, with purple inside .................. 75

" speciosa. Resembling the Soulangeana in most respects, but the flowers come later, thus prolonging the blooming season .................. 75

" stellata (Halliana). A dwarf species, with small leaves and bush-like growth. The flowers are white, semi-double, quite fragrant, and, perhaps, the earliest of all to appear in spring. $1 50

" Thurbieri. A bushy species, of regular outline, and pretty, neat foliage. The flowers are white, and appear early in spring. It does not flower so freely as others, in our experience. $1 50

" tripetala, Umbrella Tree. One of the most esteemed and useful trees. It forms a small, or at most a medium sized tree; has large, fresh green looking foliage; large white flowers, and brilliant scarlet fruit in August. It has also clean, smooth bark .................. $1 00

MORUS. Mulberry.

Morus alba, White Mulberry. A round-headed, fair sized tree, bearing pinkish white fruit. Leaves much used for silk-worms. ........................ 50

" Downingi, Downing's Everbearing. Large leaves and strong growth, dark red or black fruit, which does not ripen all at once as most do. ........................ 75

" Japonica, Japan Mulberry. The foliage of this is more shining and deeply lobed than the others. The fruit is black. .................. $1 00

" rubra, American Red Mulberry. A strong grower, with large leaves, and bright red fruit. 50

NEGUNDO. Box Elder.

Negundo Californicum, California Ash-leaved Maple. A small sized tree, from the Pacific coast .................. 75

" fraxinsefolium, Ash-leaved Maple. A native tree, with much the appearance of a Maple in growth, but with leaves of an Ash. .................. 50

NYSSA. Sour Gum.

Nyssa multiflora, One of the most ornamental of trees. During the summer the foliage is of a most shining green. In the autumn, this changes to a flaming red or scarlet. The growth is somewhat pendulous. .................. 75

OSTRYA. Ironwood.

Ostrya Virginica, A small sized tree, with elm-like foliage. .................. 75

PALIURUS. Christ Thorn.

Paliurus aculeatus, Small foliage and spiny shoots .................. 75

PAULOWNIA. Empress Tree.

Paulownia imperialis. A magnificent tree, of large proportions and tropical appearance. Sometimes the leaves are eighteen inches in diameter. The flowers are blue, trumpet shaped, and deliciously fragrant .................. 75
PAVIA. Buckeye.

Pavia flava, Yellow Buckeye. Grows to large size. It has pale green, downy leaves and yellow flowers. 75

" Lyoni. A sort with large, deep green leaves and yellowish white flowers, hothched rose inside, with projecting stamens. $1 00

PHELLODENDRON. Chinese Cork Tree.

Phellodendron amurense. Makes a large, spreading tree. A rapid grower, having pinnate foliage, and bearing clusters of dark berries in the fall, not unlike loose clusters of grapes. It deserves to be more largely planted than it is. $1 00

PLANERA.

Planera cuspidata. A small tree, with clim-like foliage. 75

PLATANUS. Buttonwood, Plane.

Platanus occidentalis, American Plane. A fast growing tree, of large dimensions; generally known in cultivation. 50

" orientalis, Oriental Plane. Similar to the above in general appearance. Both of these are being largely planted along avenues and in situations not cramped for room. They are thought to be well suited for street trees in large cities, as they are entirely free from worms and other insects. 50

POPULUS. Poplar.

Trees of very quick growth, flourishing well in almost all situations.

Populus alba, Silver Poplar. Foliage, dark green above, silvery beneath. Very ornamental, especially when young. 50

" var. Bolleana. A variety differing from the parent in its pyramidal growth; not unlike a Lombardy Poplar. $1 00

" angustifolia. A native species, with long narrow leaves. 50

" balsamifera, Balsam Poplar. Glossy foliage and strong, rapid growth. 50

" crispa. The bark of this kind is furrowed. 75

" Eugenie. Pyramidal growth and yellowish green leaves. 75

" fastigiata, Lombardy Poplar. This grows to an immense height, and is remarkable for its columnar growth. It is largely used in planting. 10

" grandidentata. Large and serrated leaves, on long slender branches. 50

" monilifera, Carolina Poplar. Of good form and robust growth, and desirable where a very large tree is required. 50

" var. Van Gervitii, Golden Poplar. The foliage has a decided golden tint, which lasts throughout the season. 75

PTELEA. Hop Tree.

Ptelea trifoliata. A small sized tree, with clustered flowers and hop-like seeds. 50

PYRUS. Crab and Mountain Ash.

Pyrus aucuparia, European Mountain Ash. A small-growing tree, with ash-like foliage, and bunches of bright red berries. 75

" var. laciniata, Cut-leaved Mountain Ash. Like the foregoing, but with attractive cut-leaved foliage. 75

" var. nana. A dwarf variety, bearing flowers and berries when quite young. $1 00

" coronaria, Sweet-scented Crab. A small sized native tree, famous for its fragrant flowers. 75

" malis flexilis. This is a species in demand for its clusters of beautiful small scarlet fruit. 75

" var. floribunda. A dwarf sort, bearing a profusion of quite small red berries. 75

" var. Toringo, Japan Apple. These trees have quite small apples, yellow, brown in clusters. $1 00

" var. spectabilis, Chinese Double-flowering Apple. Double white, fragrant flowers. 75

QUERCUS. Oak.

On account of a reputed slow growth, which reputation comes from the old world, Oaks have not been so extensively planted as they deserve. The fact is, they are not at all slow growing, being equally as fast as most other trees. Our own country is rich in Oaks and of these we are pleased to offer every species that will grow in Philadelphia. Many are of uncommon beauty, some making the largest trees, others mere bushes. For avenue planting they are very effective, and in many other situations they will be found most desirable trees to plant. (See next page.)

Quercus alba, White Oak. One of the largest of American trees, with pale green foliage and white furrowed bark. 75

" aquatica, Lowland Oak. A Southern species, with leaves varying from entire to laciniate. Does not make but a small bushy tree, North. $1 00

" Bannisteri, Scrub or Shrub Oak. Grows to but a few feet in height. It is odd to see acorns on a three feet oak bush. 75

" bicolor. A massive native species, with large green leaves, and loose bark. 75

" Catesbæi. From the South. The leaves are finely divided. It makes but a bush in the North. 75

" cerris, Turkey Oak. There is a resemblance to the English, but the dusty looking, brownish shoots and other characters easily distinguish it. 75

" cinerea, Upland Willow Oak. This has some resemblance to the Willow Oak, but does not make such a large tree in the North. 75

" coccinea, Scarlet Oak. This is the well known sort that so enriches the autumn landscape with its brilliant scarlet leaves. 75

" dentata (Daimio), Japan Oak. A rich addition to our list of Oaks. The leaves are very large, larger than any other sort, the stems are of a brownish color. In May the yellow flowers, in long aments, make it attractive in a way no other oak is; small trees but a few feet high, flower profusely. $1 50

" falcata, Spanish Oak. In contradiction to its name it is a native species, and one of much beau-
ty. It forms a large, spreading head. The leaves are finely divided, and the acorns very small. $1.00

**Quercus heterophylla.** A rare native species, with much divided leaves. $1.00

**imbricaria,** Laurel Oak. A beautiful kind, with entire, laurel-like leaves, which turn in the autumn to a rich carmine color. $1.00

**lobata.** A Pacific coast species, which has proved hardy here. 75

**lyrata.** Lyre-leaved Oak. A rare native sort, with small, lyre-shaped leaves, and bearing acorns entirely enclosed in a mossy-looking cup. $1.00

**macrocarpa,** Mossy Cup Burr Oak. One of the most beautiful of oaks. The leaves are very large, also the acorns, the latter enclosed in a fringed, mossy cup. An attractive feature is its furrowed, corky bark. 75

**nigra,** Black Jack Oak. A medium sized tree, with large, shining green leaves. 75

**obtusiloba,** Post Oak. Forms a spreading, round-headed tree. 75

**olivæformis,** Approaching the Mossy Cup in general character, but distinct, and rare in cultivation. $1.00

**palustris,** Pin Oak. (See cut.) An oak distinguished from all others by its peculiar beauty. The leaves are deep green and finely divided. As the tree grows, the branches droop until the lower ones touch the ground. It is also easily transplanted. But few persons have an idea of its great beauty when well developed. 75

**var. compacta,** A compact variety of the above. $1.00

**palustri-imbricaria.** A Hybrid Oak. $1.00

**Pannonica,** Hungarian Oak. This has pretty foliage of the order of the English, and it forms a very handsome tree. $1.50

**Phellos,** Willow Oak. So named on account of its willow-like leaves, so peculiar in an oak. It makes a tall, shapely and airy tree. $1.00

**prinoides,** Dwarf Chestnut Oak. This is one of the dwarf sorts, growing but four to six feet high. It has shining, chestnut-like, entire leaves. 75

**Prinus,** Rock Chestnut Oak. There is no prettier one than this. The leaves are more like a chestnut than an oak, and the tree grows to beautiful proportions. 75

**var. laciniata,** Cut-leaved Chestnut Oak. $1.00

**robur,** English Oak. This differs in foliage and appearance from our native sorts. It has a spreading, graceful habit when matured. A very fast growing sort. 75

**var. crispa,** Crisped leaved. $1.00

**var. cordiformis,** Golden leaved. Golden-tinted foliage. $1.50

**var. fastigiata viridis,** Grows upright like a poplar. $1.50

---

**Quercus var. Hartwissiana.** Foliage of a wavy outline. $1.50

**var. Louetta.** The leaves are long and lanceolate. A beautiful variety. $1.50

**var. pectinata.** Foliage finely divided. 1.50

**var. rubicunda.** The leaves are reddish purple. $1.50

---

**Quercus palustris.** (Pin Oak.)

10 years growth; 20 ft. high.

**Quercus var. Thomasii.** Distinct from the species in form and leaf. $1.50

**var. tricolor.** Foliage white and green, with shade of yellow. $1.50

**var. variegata.** Leaves of a clear variegation. $1.50

**rubra,** Red Oak. One of the largest and fastest growers of all. The young shoots are reddish, as are the leaf stems when matured. 75

**tintoria,** Black Oak. The foliage is variable, in some trees almost entire, in others much divided. 75

**undulata,** A rare native species, foliage some-what resembling the scarlet. $1.00
ROBINIA. Locust, Acacia.

Robinia hispida, Rose Acacia. This is valued for its elegant clusters of rose-colored flowers in early June. The branches resemble a moss rose. 50

Psued-acacia, Yellow Locust. A flat sided tree, with feathery foliage, bearing racemes of yellowish fragrant flowers. Its timber is hard and valuable. 50

viscosa, Viscid Locust. Delicate rose-colored flowers, in short racemes. Very showy when in bloom. 50

SALISBURYA.

Maiden Hair Tree. Gingko.

Salisburia adiantifolia. A Japanese tree of large size and rather erect growth. The leaves resemble the Maiden Hair Fern, hence its name. One of the most beautiful of ornamental trees. 1.00

SALIX. Willow.

Salix alba, White Willow. A European sort, with light-colored leaves. Grows to a good size. 50

annularis, Curled, or Ring Willow. The leaves curl, forming rings. A pretty tree. 50

Babylonica, Weeping Willow. Too well known to need description. Like all willows it need not be confined to damp situations only. 50

var. Salamoni. More vigorous and upright than the common sort, while retaining much of its weeping habit. 75

candida, Silvery-leaved Willow. 50

caprea, Goat Willow. A really ornamental species when its catkins are expanded in early spring. 50

var. pendula, Kilmarnock Weeping Willow. Now regarded as an indispensable ornamental tree. 1.25

cordata vestita. A native species valued in the West for its timber. 50

Forbyana. A much valued sort for baskets. 50

Japonica, Japan Willow. This has broad, shining green leaves and a quite ornamental variety. 50

myricoides. A species, with greenish yellow bark. 50

pentandra, Laurel-leaved Willow. One of the best for its foliage, which is of a broad shining nature. 50

purpurea. A useful sort for tying purposes. 50

var. pendula (New American). A weeping form, which makes a graceful tree. Grafted on tall stems. 1.00

rosmarinifolia, Rosemary Willow. The foliage is very small. This is often grafted standard high, forming pretty, bushy heads. 1.60

Russelliana. Another sort much used for tying. 50

SIEBOLDIANA. A Japan species, with bright shining leaves. 50

VILLARSIANA. This has yellow wool, and almost white leaves. 50

vitellina. Golden Bark Willow. This has golden bark, making it much planted for its beauty in winter time. 50

SOPHORA.

Sophora japonica. A small sized tree, with dark green foliage and bark, and racemes of cream colored, pea-shaped flowers. 75

violacea. Similar to the above, but with violet colored flowers. 75

STAPHYLEA. Bladder Nut.

Staphylea Bumalda, Japan Bladder Nut. A valuable small tree, bearing sweet-scented sprays of white flowers early in May. 75

colchica. Asiatic Bladder Nut. A small tree of shrub-like growth, having clusters of white flowers. 75

trifolia, American Bladder Nut. Flowers not so conspicuous as the two others, but still beautiful. Bladder-like pods of seeds succeed the flowers. 50

STUARTIA.

Stuarta pentagyna. A beautiful, low growing tree, compact and with handsome leaves. Flowers white, with purplish centre. 1.50

TAXODIUM. Deciduous Cypress.

Taxodium distichum. The delicate feathery foliage of this sturdy tree, its rapid growth, and its beauty when in full leaf, find for it a place in every collection. 50

TILIA. Linden.

Tilia americana, American Linden. A quick growing and very large tree, with ample foliage, and fragrant flowers. Very desirable for park and avenue planting. 50

Europaea, European Linden. Smaller leaves, but more twiggy growth than the preceding. 50

var. argentea, Silver-leaved Linden. It makes a very thick round-headed growth. The leaves are of a silvery whiteness underneath. 1.90

var. aurea, Golden-barked Linden. The golden yellow twigs of this variety give it great beauty. 1.00

var. laciniiata rubra. This is a beautiful and distinct sort. Its cut leaves and red twigs are what give it its character. 1.00

ULMUS. Elm.

Elms are of much use in landscape planting. While mostly of large growth, there is a spreading, pendent habit shared in by no other tree. For avenue planting as well as for single specimens they are much used.

Ulmus americana, American Elm. A tree of lofty growth, and sweeping, drooping branches. 75

campestris, English Elm. This has smaller leaves than the preceding. 75

var. montana, Scotch Elm. 75

var. monumental fastigiata. This variety grows singularly upright, the branches crowding each other in their upward growth. The foliage grows very close to the stems, giving the tree a very odd appearance. 1.90

var. purpurea, Purple Elm. The purple in this, while not so pronounced as in some other things, is enough to give it value as a purple leaved tree. 1.00
**Deciduous Shrubs.**

Prices.—The size furnished will vary somewhat as the shrub may be rare or common, but will be about from two to three feet; and in all cases good, satisfactory plants will be supplied. Larger, selected specimens charged for according to size.

**AMORPHA.** Indigo Shrub.

<table>
<thead>
<tr>
<th>Name</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Amorpha canescens</em></td>
<td>35</td>
</tr>
<tr>
<td>&quot;fruticosa&quot;</td>
<td>35</td>
</tr>
</tbody>
</table>

Amorphas have dense panicles of bluish purple flowers in June. The *Canescens* is rather lighter in color than the other. Both flower after most of the spring flowering shrubs are over.

**AMYGDALUS.** Flowering Almond.

<table>
<thead>
<tr>
<th>Name</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Amygdalus nana</em></td>
<td>35</td>
</tr>
<tr>
<td>&quot;alba&quot;</td>
<td>35</td>
</tr>
</tbody>
</table>

The Flowering Almonds could be the least spared of any of our early spring flowers. They are in bloom by May lst.

**ANDROMEDA.**

<table>
<thead>
<tr>
<th>Name</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Andromeda calyculata</em></td>
<td>50</td>
</tr>
<tr>
<td>&quot;Mariana&quot;</td>
<td>50</td>
</tr>
<tr>
<td>&quot;racemosa&quot;</td>
<td>50</td>
</tr>
</tbody>
</table>

These Andromedas are native shrubs, blooming about the end of May, bearing beautiful racemes of white flowers. The flowers of *Mariana* are larger than the others and are tinged with red. These should not be overlooked in planting.

**AZALEA.** Wood Honeysuckle.

<table>
<thead>
<tr>
<th>Name</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Azalea amena</em></td>
<td>50</td>
</tr>
<tr>
<td>&quot;arborescens*</td>
<td>50</td>
</tr>
<tr>
<td>&quot;mollis*</td>
<td>50</td>
</tr>
<tr>
<td>&quot;pontica&quot;</td>
<td>125</td>
</tr>
<tr>
<td>&quot;nudiflora&quot;</td>
<td>50</td>
</tr>
<tr>
<td>&quot;viscosa&quot;</td>
<td>50</td>
</tr>
</tbody>
</table>

These are among the most valued of shrubs. The *Mollis* and *Pontica* are from Japan and Asia, and both are indispensable for their large and colorful flowers of varied colors. The *Amena* is a dwarf evergreen species, with small leaves and pink flowers. It is planted in beds, separately, with other Azaleas or with Rhododendrons. The other three are natives. *Nudiflora* flowers before its foliage is expanded, but *Arborescens* and *Viscosa* do not bloom before the middle of June, or later. All three have white or pinkish flowers. *Arborescens* has large flowers, with purplish, projecting stamens.

**ZANTHOXYLON.** Prickly Ash.

<table>
<thead>
<tr>
<th>Name</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Zanthoxylon fraxineum*</td>
<td>75</td>
</tr>
</tbody>
</table>

**ZELKOVA.**

<table>
<thead>
<tr>
<th>Name</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Zelkova crenata*</td>
<td>75</td>
</tr>
</tbody>
</table>

**BERBERIS.** Berberry.

<table>
<thead>
<tr>
<th>Name</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Berberis dulcis*</td>
<td>50</td>
</tr>
<tr>
<td>&quot;Thunbergii*, Japan Berberry*</td>
<td>50</td>
</tr>
<tr>
<td>&quot; vulgaris*</td>
<td>35</td>
</tr>
<tr>
<td>&quot;purpurea*</td>
<td>35</td>
</tr>
</tbody>
</table>

For their scented yellow flowers, dark red fruit, and neat growth, Berberries are prized. All have small, neat leaves, especially the *Thunbergii*, which is also admired for its close compact growth. The flowers come about the 20th of May, and the fruit becomes ornamental in July, continuing up to winter time. All make good ornamental hedges, and are very hardy.

**CALLICARPA.**

<table>
<thead>
<tr>
<th>Name</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Callicarpa purpurea*</td>
<td>35</td>
</tr>
</tbody>
</table>

**CALYCANTHUS.** Sweet Shrub.

<table>
<thead>
<tr>
<th>Name</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calycanthus floridus*</td>
<td>35</td>
</tr>
<tr>
<td>&quot;occidentalis*, Western Sweet Shrub*</td>
<td>50</td>
</tr>
</tbody>
</table>

There is no better known garden shrub than this. It is the “Shrub Bush” so well known everywhere.

**CARAGANA.** Siberian Pea.

<table>
<thead>
<tr>
<th>Name</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Caragana arborescens*</td>
<td>50</td>
</tr>
</tbody>
</table>

**CEANOTHUS.**

<table>
<thead>
<tr>
<th>Name</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ceanothus Americana*</td>
<td>50</td>
</tr>
<tr>
<td>&quot;multiflora*</td>
<td>50</td>
</tr>
</tbody>
</table>

These have spreading panicles of white flowers, flowering profusely; the *Multiflora* in May, the *Americana* in June.

**CEPHALANTHUS.** Dw't Buttonwood

<table>
<thead>
<tr>
<th>Name</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cephalanthus occidentalis*</td>
<td>55</td>
</tr>
</tbody>
</table>

These are among the most valued of shrubs. The *Mollis* and *Pontica* are from Japan and Asia, and both are indispensable for their large and colorful flowers of varied colors. The *Amena* is a dwarf evergreen species, with small leaves and pink flowers. It is planted in beds, separately, with other Azaleas or with Rhododendrons. The other three are natives. *Nudiflora* flowers before its foliage is expanded, but *Arborescens* and *Viscosa* do not bloom before the middle of June, or later. All three have white or pinkish flowers. *Arborescens* has large flowers, with purplish, projecting stamens.
**Cerasus.**

*Cerasus pumila.* A Dwarf Cerasus, with white flowers

**Chimonanthus.**

*Chimonanthus praecox.* A rare Chinese shrub, having the peculiarity of producing its purplish-yellow flowers the first few sunny days of winter. Of remarkably pleasing odor

**Corchorus.**

*Corchorus Japonica* ........................................ 35

" variegata " ........................................ 50

Well known, old time shrubs, having yellow flowers. *Japonica* is sometimes used to cover arbors, as it makes long shoots. *Variegata* has neat, variegated leaves. Blooms middle of May.

**Cornus.** Dogwood.

*Cornus alba,* Red twigged Dogwood ........................ 35

" alternifolia " ........................................ 35

" *Mas,* Cornelian Cherry " ................................ 50

" *sanguinea,* English " .................................. 35

" variegata," ........................................ 35

" sericea," Silky ........................................... 35

" stricta," White-Fruited .................................. 35

(Note.—For *Cornus florida,* pendula and rubro, see Trees, pages 7 and 8.)

Dogwoods afford a rich variety to the planter. *Alba* and *Sanguinea* are valued for their red wood; *Alternifolia,* *Sanguinea* and *Stricta* for their pretty growth, flowers and berries. *Mas* flowers as soon as the frost goes in early April, and in August is clothed with large, red fruit of exceeding brilliancy, hence its name, "Cornelian Cherry." Other Dogwoods bloom in May.

**Corylopsis.**

*Corylopsis spicata.* A new shrub, bearing small racemes of yellow flowers in early May. $1.00

**Corylus.** Hazel.

*Corlylus avellana,* Common Hazel .......................... 35

" *laciniata,* Cut-leaved " ................................. 50

" *purpurea,* Purple-leaved " .............................. 75

" *culina," Filbert  ........................................ 50

" *pontica,* " ............................................. 50

" *rostrata,* Native Hazel  .................................. 35

Hazels are valued for their catkins of flowers in early spring, as well as for their nuts. The Filberts bear much larger nuts. The leaves of the purple are of a deep, dark red color, almost black.

**Cotoneaster.**

*Cotoneaster acuminata* ..................................... 50

" *baccillaris* .............................................. 50

" *floribunda* ............................................... 50

" *granatensis* ............................................. 50

" *obtusa* .................................................... 50

" *Simmondsi* ................................................ 50

" *uva-ursi* .................................................. 50

" *Wheeleri* .................................................. 50

Cotoneasters are very neat looking shrubs, having small leaves, white flowers, and bright colored berries in the fall. South of Philadelphia they approach an evergreen character.

**Crataegus.** Hawthorn.

*Crataegus arboreascens,* Large Growing Hawthorn .......... 50

" *coccinea,* American White Thorn .......................... 35

" *cordata,* Washington Thorn .............................. 35

" *crus-galli,* Cockspur Hawthorn ........................... 35
### MEEHANS' NURSERIES

**Crataegus flava**, Southern Hawthorn...... 35
" Oxyantha, English " ..... 35
" " apiifolia, Parsley " ..... 50
" " Double Rose " ..... 75
" " White " ..... 75
" " Douglasii " ..... 50
" " grandiflora, Large White Hawthorn " ..... 50
" " macrocarpa " ..... 50
" " sanguinea, Russian Hawthorn " ..... 50
" " spathulata, Southern Hawthorn " ..... 50

Hawthorns are so well known, they hardly need a description. The sweet scent of their blossoms applies to those of our country as well as to those of Europe. All have white or whitish flowers, except the **Double Rose** and **Rubra splendens**, the latter a rosy crimson. The flowers appear the latter end of May, bright red fruit succeeding.

**CYTISUS.**

**Cytisus capitatus.** A small shrub, bearing white, pea-shaped flowers in June.................. 35

**DAPHNE.**

**Daphne Mezereum.** Pink Mezereon...... 50
" " alba. White " ...... 50

Daphnes are erect growing, small shrubs, with neat green leaves, and flowers clustered along the stems. It is, perhaps, the earliest flowering shrub of all, and the blossoms are exceedingly fragrant.

**DESMODIUM. (Lespedeza.)**

**Desmodium Japonicum.** White.......... 50
" " penduliflorum. Pink .......... 50

These are new shrubs, covered in autumn with a mass of pea-shaped flowers at the end of the shoots. They die to the ground every winter, but come up stronger than before in spring. New and very desirable, as at the period of blooming there are but few other flowers out.

**DEUTZIA. (See cut.)**

**Deutzia crenata.** White.................. 35
" " plicata. Double Pink...... 35
" " " White...... 35
" " Fortuni. White.................. 35
" " gracilis. White.................. 35
" " Pride of Rochester. Double white, tinged rose ......... 35
" " scabra. White.................. 35

Well known shrubs for their general usefulness in shrubbery plantings. **Gracilis** is a dwarf sort, of slender, but perfectly hardy growth. It flowers in the latter part of May, while the others do not until the middle of June.

**DIERVILLA.**

**Diervilla sessilifolia.** .......................... 50
" " trifida. .......................... 50

Two native shrubs, but rarely seen in cultivation. Both have heads of greenish yellow flowers, which appear in July and August.

**DIRCA. Leatherwood.**

**Dirca palustris.** .................................. 50

A native shrub, with neat foliage, clusters of white flowers and supple shoots.

**ELEAGNUS. Silver Thorn.**

**Eleagnus hortensis,** Oleaster .............. 35
" " longipes, Japanese .......... 35
" " parvifolius, Silver Thorn ....... 35

Shrubs with neat silvery foliage and handsome marbled red berries. The flowers are yellowish white, sweet-scented, and come in May. Silver Thorns make pretty hedges.

**EUONYMUS. Strawberry Bush.**

**Euonymus Americanus,** American Burning Bush .......... 35
" " atropurpureus, American Burning Bush .... 35
" " Europaeus, European " " 35
" " " albus, White Fruited " " 35
" " " variagata, Variegated Leaved Burning Bush " " 35
" " " nanus, Dwarf Burning Bush " " 35
" " latifolius, Broad-leaved " " 35

These shrubs are valued for their flame-colored seed pods in the fall. The names, Burning Bush and Strawberry Tree, come from its bright colored seed pods. The **Nana** is a new very dwarf sort, of slender growth and foliage.

**EXOCHORDA.**

**Exochorda grandiflora.** A beautiful flowering shrub, being clothed in May with a profusion of pure white flowers. .... 75

**FORSYTHEA. Golden Bell.**

**Forsythaea suspensa.** .................................. 35
" " viridissima. ................................ 35

The golden blossoms of these shrubs are the first of those of spring. The **Suspena** has a somewhat drooping habit. They are very pretty grown as standards.
FOTHERGILLA.
Fothergilla alnifolia. A native shrub, but quite scarce in cultivation. It bears small heads of white flowers in May. 

50

GENISTA. Scotch Broom.
Genista scoparius. The well known Scotch Broom of Europe, bearing yellow blossoms in May in great profusion. 35

HIBISCUS. Althaea. Rose of Sharon.
Hibiscus syriacus alba. Double White 35

" " boule de Feu. " Violet Red 35

" " cœrulea. " Blue. 35

Hibiscus syriacus Comte de Flanders. Double Purple 35

" " camellœflora, " Double White, Pink centre. 35

" " Duc de Brabant. Double Rosy 35

" " purpuraea. " Double Purple 35

" " rubra. " Double Red 35

" " totus albus. " Single White 35

HAMAMELIS. Witch Hazel.
Hamamelis Virginica. This deserves much more notice than it has received. It forms a large flat-headed growth, and the last thing in fall it is covered with curious yellow flowers. 50

HIBISCUS syriacus variegata. Purplish Pink, single, foliage variegated 50

" " flore plena. " Double Rose, foliage variegated 50

Hardly enough use is made of these in planting. They bloom in the month of August, and their great variety afford the chief attraction in many places in that month. They need good soil and vigorous growth to give their best display. They make a beautiful, tall growing ornamental hedge.

HIPPOPHÆA. Sea Buckthorn.
Hippophae rhamnoides. A plant of stiff growth and silvery foliage. 5

HYDRANGEA.
Hydrangea arborescens. White 50

" flavescens. " Light Pink 50

" paniculata. " White 50

" grandiflora. " Large White trusses. (See cut) 50

" quercifolia. " White 50

" Thunbergii. " Violet 75

Hyalandra Paniculata Grandiflora.
Arborescens and Quercifolia are both natives. The first has corymbs of white flowers and large green leaves, flowering about June 25th. The latter also has white flowers, which appear about July 1st, and very large leaves. The Paniculata grandiflora has large heads of white flowers. Its magnificent appearance when fully expanded in August, makes the demand for it very great. It is pretty as a shrub or as a standard.

**HYPERICUM. St. John's Wort.**

Hypericum aureum ........................................ 35
- acyron ........................................ 35
- calycinum ........................................ 35
- Kalmianum ........................................ 35
- patulum ........................................ 35
- prolificum ........................................ 35

All Hypericums have yellow flowers. They commence flowering in early July, continuing on until fall.

Hypericum Calycinum and Patulum have very large flowers, and bright green foliage. They are very desirable for fall flowering.

**ILEX. (Prinos.) Deciduous Holly.**

Ilex decidua ................................................ 50
- monticola ........................................ 50

These are uncommon in cultivation. They are prized for their red berries in fall.

**ITEA.**

Itea Virginica, A very pretty native shrub, not at all common, bearing heads of white flowers in June ....................................................... 50

**INDIGOGERA.**

Indigofera dosa. A shrub from Nepal, bearing rosy, pea-shaped flowers in June, in small spikes ........................................ 60

**LIGUSTRUM. Privet.**

Ligustrum buxifolium, Box-leaved Privet. 35
- myrtifolium, Myrtle-leaved ........................................ 35
- ovalifolium, Japan or California ........................................ 35
- tricolor, Golden Variegated Japan ........................................ 50
- Stauntoni ........................................ 35
- vulgare ........................................ 35

Privets have always been esteemed for their neat foliage and flowers and for ornamental hedging, and this has strengthened since the introduction of the Japanese species, as this one excels all others for the purpose. It has larger leaves than others, and they are of a bright shining green, and the shrub itself is of compact growth and is almost evergreen. The Tricolor is destined to become popular, as it stands the sun well and forms a good hush. The young growth is a beautiful golden yellow and green, changing to a clear white and green as it develops. It is entirely hardy.

**LONICERA. Bush Honeysuckle.**

Lonicera Ledebouri ........................................ 50
- Orientalis ........................................ 35
- Philomela ........................................ 35
- Sibirica ........................................ 35
- Tatarica, Tartarian Honeysuckle ........................................ 35
- " grandiflora, Large Fl. ........................................ 50
- Xylosteum, Fly Honeysuckle ........................................ 35

Bush or Shrub Honeysuckles are old-time favorites in gardens. They have a well shaped, pretty growth, hear an abundance of small flowers, which are succeeded by bright berries. Excepting Ledebouri, which flowers in June, they bloom in May. Ledebouri has reddish orange flowers, the others, though distinct from one another, have white or pink ones. Grandiflora has large pink colored blooms, and is distinct and good, probably the best.

**MAGNOLIAS. (See Trees.)**

**MYRICA. Wax Myrtle.**

Myrica cerifera. A native shrub, bearing small seeds covered with a wax-like substance ........................................ 50

**NEVIUSIA.**

Neviusia Alabamensis. A recently introduced shrub from Alabama, quite hardy, bearing fringe-like white flowers in the latter part of May ........................................ 75

**PAVIA. Dwarf Horse Chestnut.**

Pavia parviflora. This is really an indispensable shrub, flowering about the middle of July, bearing long spikes of yellowish white flowers, the rose-colored stamens projecting from them. It forms a regular, though rather flat head, from which ascend numerous flower spikes ........................................ 75

**PÆONIA.**

Pæonia Mouton, Tree Peony. Pink flowered $1.00

This makes a good sized hush in time, as it does not die down in winter as the garden variety does. The flowers are very large.

**PHILADELPHUS. Mock Orange.**

Philadelphus Columbianus ........................................ 35
- coronarius ........................................ 35
- Cordonianus ........................................ 35
- grandiflorus (specissima) ........................................ 35
- Zeyheri ........................................ 35

Mock Oranges are often called Syringas, and are well known and appreciated for their sweet-scented white flowers in June. Coronarius has the most perfume, though all have more or less, and Cordonianus is rather later flowering than the rest.

**POTENTILLA. Shrubby Cinquefoil.**

Potentilla fruticosa. A useful shrub, flowering throughout the summer. Flowers yellow ........................................ 35

**PRINOS.**

Prinos verticillatus. This is a deciduous holly. It bears red berries, as hollies do, which are beautiful in late fall ........................................ 50

**PRUNUS. Plum.**

Prunus Americana, Wild Plum ........................................ 50
- myrobolana, Myrobolan Plum ........................................ 35
- " acutifolia ........................................ 50
- " Pissardi, Purple-leaved Plum ........................................ 50
- spinosa, Flowering Sloe, Double Flowering ........................................ 75
- " triloba, Double Flowering Plum ........................................ 50

The above are all used for ornamental purposes. The Myrobolan forms a good sized shrub and bears small
white flowers in May. **Acutifolia** has cut leaves, rendering it of additional value. **Pissardi** is one of the finest purple-leaved shrubs there is. It is a dark purple from first to last. No other tree keeps up its purple until the leaves drop, as this one does. Every one should have it. Triloba is the well known **Double Pink Flowering Plum.**

**PTEROSTYRAX.**

_Pterostyrax corymbosum_ 75

" _hispidum_ 75

Japanese shrubs, with large houndsome leaves and creamy white, sweet-scented flowers.

**PYRUS.** Japan Quince.

**Pyrus arbutifolia,** Choke Berry 50

" _floribunda,_ Japan 50

" _Japonica,_ Japan Quince, Fire Bush 35

" _alba,_ Pink 50

" _nivalis,_ White 75

" _cardinalis,_ Scarlet 50

" _variegata,_ Variegated 50

" _Maulei 50

" _rivularis_ 75

" _sinensis_ 50

The red flowers of the **Pyrus Japonica** are a welcome sight to all in early spring, and the varieties are welcome additions. These shrubs make excellent hedges.

**RHAMNUS.** Buckthorn.

**Rhamnus Carolianus,** Car. Buckthorn 35

" _catharticus,_ Common 35

" _lanceolatus_ Western 35

" _Wicheli 35

Buckthorns are at their best when the berries are ripe, in the fall. The **Carolina,** with its shining green leaves and scarlet berries, is particularly ornamental. Being of a stiff growth, hedges are sometimes made of them.

**RHODOTYPS.**

**Rhodotypos Kerriodea.** A new Japanese shrub, bearing large white flowers in May. The foliage is planted, and the whole shrub a good addition to our list.

**RHUS.** Sumach.

**Rhus aromatica** 50

" _copallina_ 50

" _cotinus,_ Mist Shrub 50

" _glabra_ 35

" _lacinia,_ Cut-leaved Sumach 75

" _Osbeckii,_ Chinese 75

" _trilobata_ 50

" _typhina,_ Stag’s Horn Sumach 35

Sumachs, generally, are of odd growths. The foliage of all turns to a scarlet in the fall; the cut-leaved is a much sought for variety, the foliage both when and when changed to scarlet being much admired. Osbecki bears large panicles of light flowers in August.

**RIBES.** Flowering Currant.

**Ribes aureum,** Yellow Flowering Currant 35

" **nigrum,** Black Utah 35

" **floridum,** Wild Black 35

**Ribes Cordonianum** 35

" _sanguineum,** Crimson Fl. Currant 50

" _albidum_ 50

Flowering currants are much prized for their pendent bunches of flowers, the prevailing color of which is yellow. **Cordonianum,** however, is crimson and yellow, and Sanguineum red.

**ROSA.** Rose.

**Rosa Arkansana** 35

" _arvensis._ White 35

" _" **Ayrshire,** Ayrshire Rose. White 35

" _blanda_ 35

" _**Boursaultii,** Boursault Rose. Crimson 35

" _canina,** Dog Rose. Pink 35

" _Carolina,** Carolina Rose. Pink 35

" _cinnamomea,** Pink 35

" _gymnocarpa_ 50

" _Harrisonsi,** Persian Yellow Rose. Yellow 35

" _lucida,** Pink 50

" _rugosa rupra (Kamchatciana),** Russian Rose, Rosy Crimson 50

" _alba,** White 50

" _rubiginosa,** Sweet Briar. Pink 35

" _rubifolia_ 35

" _setigera,** Wild Prairie Rose. Pink 35

" _villosa,** Light Pink 35

Excepting the Boursault, which is partly double, these are all single roses. The **Persian,Rugosa** and **Villosa** flower about the 25th of May, the rest follow until about the 1st of July, when most are over. But then the handsome fruit follows, the **Cinnamomea, Villosa** and **Rugosa** being especially fine. The **Rugosa** has beautiful hardy green leaves, and its flowers often measure four inches in diameter, resembling somewhat a shell in shape.

**NEW HARDY MONTHLY ROSE.**

" _Madame Coo. Bruant._"**

This promises to be the forerunner of an entirely new and popular race of roses, having for one of its parents the beautiful Japan Rose, **Rosa rugosa,** and the Tea **Sombreuil** for the female parent, by which it gets its sweet and ever-blooming character.

We believe we are the first to offer this pleasing novelty in this country. Price, $1.00 each.

**RUBUS.** Flowering Bramble.

**Rubusfruticosus,** Double Fl’wering Bramble 35

" _laciniatus,** Cut-leaved Bramble 35

**SAMBUCUS.** Elder.

**Sambucus Canadensis,** Elderberry 35

" _racemosa,** Red Berried Elder 35

" _variegata,** Variegated Elder 35

**SPIRÆA.**

**Spiræa Bumalda** Pink flowers, variegated leaves 50

" _Billardi,** Pink flowered, panned heads 35

" _callosa,** Pink “ flat heads 35

" _alba,** White flowered, flat heads 35

" _superba,** White pink centre 50

" _carpinefolia,** White flowered, panned heads 35

**MEEHANS’ NURSERIES 19**
**Spiraea chaëdrifolia.** White, bunched heads along the branches........ 35

" cremata. White, bunched heads along the branches........ 35

" Hookeri. White, bunched heads along the branches........ 35

" Jævigata. White, bunched heads along the branches........ 35

" opulifolia. White, flat heads........ 35

" aurea. White, flat heads........ 35

" paniculata. Pink, panicked heads........ 35

" prunifolia. White, arranged along the branches........ 35

" Reevesii. White, arranged along the branches........ 35

" Regeliana. Pink, panicked........ 35

" salicifolia. White........ 35

" sorbifolia. White........ 35

" Thunbergii. White, arranged along the branches........ 35

" tomentosa. Pink, panicked........ 35

Although the list of Spiraeas is large, all are distinct from each other in flower and habit of growth, and there is not one of them but is worthy of cultivation. We have marked them Pink and White, but in color there is quite a variation in shades. The first to flower is Thunbergii; next, Prunifolia and Reevesii; Billardi and Paniculata are about the middle of June, while Callosa, Alba and Salicifolia are about the latest of all. Bumalda, Callosa supurba and Jævigata are new, and really good additions. A group composed of the whole or part of the list would have a very striking effect.

### STYRAX.

**Styrax Americana.**........ 75

" grandifolia........ 75

" Japonica........ 1.00

These shrubs have been and are scarce in cultivation, as they are not readily propagated. All have white flowers, and blooming profusely in June are much admired. The white flowers are not unlike those of the Silver Bell, hanging on long peduncles along the branches.

**Japonica** is especially fine, the growth is more tree-like and its flowering more profuse. The blooms are larger than the others, and exceedingly white. (See cut)

### SYMPHORICARPUS. Snowberry.

**Symphoricarpus occidentalis,** White-fruit-ed........ 35

" racemosus, White-fruit-ed........ 35

" vulgaris, Red-fruit-ed........ 35

" variegata, Variegated Leaved........ 35

These are valued for their ornamental berries in the fall and winter.

### SYRINGA. Lilac.

**Syringa Amurense.** White........ 1.00

" Emodi. White........ 75

" Japonica. White........ 1.50

" Josikæ. Lilac........ 50

" oblata. Purple........ 1.50

" Persica. Purple........ 60

" alba. White........ 50

" Rothmagensis. Reddish Purple........ 50

" vulgaris. Purple........ 35

" alba. White........ 35

" Ambrose Verschaffelt. Light Purple........ 50

" Charles X. Purple........ 35

" Dr. Stockhardt. White, very fine........ 35

" Cloire de Moulins. Purple........ 35

" piena. Dark Lilac........ 35

" Princess Marie. Purple........ 35

" ruba insignis. Deep reddish purple........ 75

" vallettiana. Dark purple........ 50

" villosa. Lilac........ 75

A well known Lilac needs no introduction or recommendation. Every garden has it, and every new garden will need it. There are three types of lilacs in the above list. First the old lilac familiar to us all. Oblata, Vulgaris, and all the varieties of the latter are in this list. Next are the Persian type. Of this there are the Rothmagensis and the Persian, purple and white. These flower at the same time as ordinary lilacs, but the foliage more resembles a privet than a Lilac. The flowers are more abundant and the clusters looser than the others. The third class embraces sorts with handsome foliage and flowers, but having no resemblance to ordinary lilacs in either way. The flowers too, come later; some are white, in large clustered heads, appearing in early June. The sorts comprise Amurense, Emodi, and Japonica; and Josikæ and Villosa, with Lilac-colored flowers. Of the old kinds spoken of, Rubra insignis is particularly fine, having large heads of reddish purple flowers. It is undoubtedly the best of the dark colored lilacs. Oblata flowers very early, and its foliage changes to a russet.
red in the fall. *Ambroise Verschaffelt* is also a decided improvement. *Amurense* and *Japonica* are quite new, and as yet but little disseminated, but they will be in good demand.

**TAMARIX. Tamarisk.**

*Tamarix Callica* ........................................ 50  
" *Indica* ........................................ 50  
" *tetrandra* ........................................ 50

Good sized shrubs, of rather loose growth, bearing pinkish flowers in July and August. The leaves being very small, they escape injury in high winds, which fits it for sea-coast planting, for which purpose it has proved admirably adapted.

**VACCINIUM.**

*Vaccinium corymbosum*, Blueberry........ 50  
" *vaccillans*, Huckleberry........ 50

*Corymbosum* grows to a large shrub. Its beautiful white flowers in early spring are much admired. *Vaccillans* is not so large. It also has white flowers. Both have edible fruit.

**VIBURNUM. Snowball.**

*Viburnum acerifolium*, Maple Leaved Viburnum........ 35  
" *dentatum*, Arrow Wood........ 35  
" *Japonicum latifolium*, from Japan........ 50  
" *Lantana*, Way-faring Tree........ 35  
" *lantanoids*, Hobble Bush........ 35  
" *Lentago*, Sweet Viburnum........ 35  
" *macrocephalum*, from Japan........ 75  
" *Nepalensis* ......... 75  
" *nudum* ......... 50  
" *cassinoides* ......... 50  
" *opulus*, Common Snowball........ 85  
" *nana*, Dwarf Snowball........ 75  
" *oxyccocus*, Cranberry Bush........ 35  
" *phlobotrychium*, from Japan........ 1.00  
" *plicatum*, Japan Snowball........ 50  
" *prunifolium* ........ 35  
" *reticulatum*, from Japan........ 1.00

There are but few shrubs possessing more desirable qualities, and, at the same time, so different one from another as the *Viburnums*. The most of the native sorts, such as *Acerifolium*, *Prunifolium*, *Nudum*, &c., when in bloom resemble hawthorns, both in look and scent. Those marked “from Japan” are comparatively new, with handsome foliage and white flowers, and will add much to our list of valuable shrubs. Everybody knows the common Snowball. The *Plicatum*, or “Japan Snowball” is a better one. Distinct in every way, of upright, bushy growth, with plaited leaves and a large number of pure white heads of flowers, it stands unrivalled among shrubs.

*Opulus nana*, quite a dwarf, may become useful for bordering paths or beds. It does not grow over six or eight inches high and is extremely bushy.

**VITEX. Chaste Shrub.**

*Vitex agnus-castus*. This is a valuable summer flowering shrub, bearing numerous panicles of lilac blue flowers in August. Not often seen, but deserves to be in every collection........ 50

*Weigela amabilis*. Light Rose........ 35  
" *variegata*. Light rose, foliage variegated........ 35  
" *arborea versicolor*. Dark Rose........ 35  
" *candida*. White........ 75  
" *Desboisii*. Deep Rose........ 35  
" *floribunda*. Crimson........ 50  
" *Cronewegonii*. Dark Rose........ 35  
" *hortensis nivea*. White........ 35  
" *rosea*. Rose........ 35

It would be extremely hard to get along in the ornamentation of grounds without *Weigelas*. The rose colored ones are magnificent when in bloom. *Flori-
**bunda** is crimson, with projecting white stamens, quite distinct and valuable. **Hortensis nivea** and **Candida** are white, the former rather spreading, the latter erect in growth. All flower about the end of May, and **Floribunda** and **Hortensis nivea** also occasionally through the summer.

**XANTHOCERAS.**

(See cut.)

**Xanthoceras sorbifolia.** A rich acquisition from China, and destined to become an extremely popular shrub. The foliage is not unlike the Mountain Ash. The flowers are white, of a red dish hue at base, produced in terminal racemes in numerous clusters. It blooms profusely, even quite small plants, the flowers expanding with the leaves in early spring .......... $1.00

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**Weeping Trees.**

<table>
<thead>
<tr>
<th>Ash, Fraxinus excelsior pendula.</th>
<th>Green barked:</th>
<th>$1.25</th>
</tr>
</thead>
<tbody>
<tr>
<td>&quot; Fraxinus excelsior pendula aurea.</td>
<td>Golden Barked:</td>
<td>$1.25</td>
</tr>
<tr>
<td>&quot; Fraxinus excelsior lenticifolia pendula.</td>
<td></td>
<td>$1.25</td>
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</tbody>
</table>

These form wide heads, in time allowing of the use of seats under them if desired, or they can be pruned to form more compact tops.

**Beech, Fagus sylvatica pendula** .......... $1.00

This has the shining green leaves of the ordinary sort, with an odd, irregular, weeping growth. It is a striking object either in summer or winter.

**Birch, Betula alba laciniata.** Cut-leaved $1.00

" " Youngii ............ 1.50

The Cut-leaved Weeping Birch is now known far and wide for its graceful weeping habit, white bark, and pyramidal growth. The most popular weeper of all, **Youngii** does not make an upright growth; it is grafted on stems from four to six feet high, when it forms thick, round heads, but does not grow any taller. Although comparatively new, it is very popular.

**Cherry, Cerasus Japonica rosea pendula.** .......... $1.25

" Cerasus serotina pendula .......... 3.00

" " pumila ............. 1.00

The two first named are beautiful and new, and among the best of weeping trees, forming fine drooping heads. The **Pumila pendula** makes a shrubby head of small, twiggy branches.
Chinese Cypress, *Clypeostrobus penda-la*.......................... $1.00

A beautiful tree, with pendulous habit, and much of the gracefulness of the Deciduous Cypress.

**Dogwood, Cornus Florida pendula, (See cut)**.......................... $1.00

This weeping Dogwood is one of our own introductions. Its pendulous habit, upright leader, large white flowers, and scarlet fruit and foliage in the fall, place it in the foremost rank of weepers.

**Elm, Ulmus fulva pendula**............................................ $1.00

This has wide spreading branches of a drooping nature, and forms a good sized tree.

**Hornbeam, Carpinus Betulus pendula** $1.00

A pendulous variety of the English Hornbeam.

**Laburnum, Cytisus Laburnum pendula**.......................... $1.00

**Larch, Larix Europæa**.............................................. 50

**Linden, Tilia Parmentieri**........................................ 1.50

This is a decided acquisition to the list of weepers, being distinct and of bold growth.

**Maple, Acer dasycarpum Weiri**.......................... 75

This is the Weir's Cut leaved, than which a prettier or more useful tree does not exist.

**Oak, Quercus robur pendula**...................................... $1.00

**Planera, P. Richardi**............................................... 1.00

**Willow, Salix Babylonica**.......................................... 50

" " " Salamoni ................................................. 75

" " " caprea pendula, Kilmarnock.................................. 1.25

" " " purpurea pendula, New American.............................. 1.00

**Babylonica** is the common Weeping Willow.

**Salamoni** resembles it a good deal, but is hardly as pendulous. **Caprea pendula** is the well known Kilmarnock Willow, and **Purpurea pendula** is a new Weeper of merit.

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**Evergreens.**

**Prices.**—While nice trees of all will be furnished at prices given, selected specimens can be had which have received extra care in pruning and transplanting, the price depending on rarity and size.

**ABIES. Spruce.**

**Abies Alba,** White Spruce.............................. $50

" Alcoquiana, Alcock's Spruce.................. 1.00

" Canadensis, Hemlock " .................. 50

" Caroliniana, Carolina Hemlock.............. 1.50

**Abies Douglasii, Douglas Spruce**.............. $1.00

" excelsa, Norway " .................. 50

" " inerta, Pendulous " .................. 1.00

" Orientalis, Oriental " .................. 1.00

" polita, Japan " .................. 1.00

" pungens, Colorado Blue " .................. 2.00
Of the Spruces on the above list, the Norway is the most used, on account of its hardy character and sturdy growth. The Oriental resembles it to some extent, but has darker and finer foliage. There are none surpass the Hemlock in beauty of outline and general good points. The Douglas and the Colorado Blue are of the hardy Colorado form. They are both known as most beautiful trees. The Carolina Hemlock is rare, and though resembling in some degree, is quite distinct from the ordinary kind.

**ANDROMEDA.**

**Andromeda Catesbæ**

75
defines 75

There are many Andromedas, but these two are of the evergreen class. Both have bright green foliage, and that of Catesbæ turns to a bright red in the fall and winter. The flowers are white, sweet-scented, appearing very early in spring.

**ARCTOSTAPHYLOS. Bearberry.**

**Arctostaphylos uva-ursi.** A prostrate evergreen, with copper-colored leaves and small white flowers. Excellent for planting under trees, covering rock work, and for winter effect. 50

**AZALEA.**

**Azalea amena.** A beautiful evergreen Azalea, hearing numerous small, purplish-red double flowers in May. A most desirable shrub. Beautiful for massing with Rhododendrons 50

**BIOTA. Chinese Arbor-Vitæ.**

**Biota Orientalis, Common Chinese...** 50

**" aurea, Golden...** 75

**" elegans, Rollinson’s Golden...** 75

The Common Chinese is noted for its upright, rapid growth and deep green foliage. Aurea has golden foliage and a rounded, slower growth. Elegans has its tips golden, the rest green. This section of Arbor-Vitæ does better in the South than the American.

**BUXUS. Box.**

**Buxus sempervirens, Dwarf Box...** 25

**" aborescens, Tree "...** 50

**" rotundifolia, Round-leaved Box...** 50

**CALLUNA. Scotch Heath.**

**Calluna vulgaris.** A low-growing evergreen, with small white flowers in July. 50

**CEDRUS.**

**Cedrus Deodara, Deodar Cedar...** $1 00

**" Libani, Cedar of Lebanon...** 1 00

These beautiful evergreens are hardy in this latitude, but further North should have a sheltered place.

**CEPHALOTAXUS.**

**Cephalotaxus Fortuni.** A small growing, distinct, hardy Chinese shrub. In appearance not unlike the Yews, but having broader foliage, and not such a compact habit. It is extremely hardy and should be more planted... $1 00

**CUNNINGHAMIA.**

**Cunninghamia lanceolata.** This choice tree thrives well where other trees will give it a little shelter in winter time. 75

**CUPRESSUS. Cedar, Cypress.**

**Cupressus Lawsoniana, Lawson’s Cypress...** 50

**" lutescens...** 75

**" stricta viridis...** 75

**" thyoides, White Cedar...** 50

**" variegata, Variegated Cedar $1 00**

The Lawson’s Cypress and its two varieties are extremely beautiful evergreens. They are quite hardy here, but better for being set among other trees for protection in colder places.

**CRYPTOMERIA.**

**Cryptomeria Japonica.** Like the above named tree, this needs setting in a sheltered place, speaking for this latitude. 75

**DAPHNE.**

**Daphne cneorum.** A choice, low-growing Daphne, bearing its sweet-scented, rosy-white flowers in great profusion, for several weeks of midsummer 75

**ERICA. Heath.**

**Erica stricta. Purple...** 50

**" vagans capitata. White...** 50

These are compact little evergreens, blooming profusely in July and August.

**EUONYMUS.**

**Euonymus Japonicus...** 50

**" aureus...** 50

**" variegatus...** 50

These shrubs have broad, shining leaves and are well suited for sheltered positions about dwellings.

**ILEX. Holly.**

**Ilex aquifolium, English Holly...** 75

**" cornuta, Japan...** 75

**" opaca, American...** 75

The American Holly is hardly almost everywhere, but in this locality the Japan and the English will thrive only when well sheltered.

**JUNIPERUS. Juniper, Cedar.**

**Juniperus Chinesis, Chinese Juniper...** 50

**" communis, Native...** 50

**" aurea, Golden...** $1 00

**" pendula, Weeping...** 75

**" Hibernica, Irish...** 50

**" prostrata, Trailing...** 50

**" sabina, Savin...** 50

**" tamariscifolia...** 75

**" suecica, Swedish...** 50

**" compacta...** 75

**" stricta...** 50

**" Virginiana, Red Cedar...** 50

**" Waukegan, Trailing...** 50

Of these the Prostrata, Sabina, Tamariscifolia and Waukegan are trailing, the rest are...
upright, and all distinct from one another. The Aurea is a very pretty, slow-growing, dwarf variety.

**KALMIA. Laurel.**

*Kalmia angustifolia.*

"latisfolia.

These Laurels thrive well in almost all situations. The flowers of *Angustifolia* are dark pink. *Lati-

folia* has rosy pink, erimipd buds, which change to a creamy white when expanded, rose-colored dots en-
circling the petals. Both flower in June.

**LIBOCEDRUS.**

*Libocedrus decurrens.* A California evergreen of much beauty. It does best when given some shelter in winter. $1.00

**MAGNOLIA.**

*Magnolia grandiflora,* Large-flowered Magnolia.

This requires protection north of Philadel-

phia. $1.00

**MAHONIA.**

*Mahonia aquifolium,* American... 50

"Japonica," Japan... 75

These are valued for their bright, shining foliage and yellow blossoms. They do well under the shade of large trees. The leaves of the Japan are larger than the American, and are of a yellowish green color.

**PACHYSTIMA.**

*Pachystima Canby.* A compact, low growing evergreen, with leaves like a small myrtle... 75

**PICEA. Fir.**

*Picea appolonica*... 50

"balsamea,* Balsam Fir... 50

"Cephalonica,* Cephalonian "... $1.50

"cilicica," 1.50

"concolor," 2.00

"firma," Japan Fir... 1.50

"Frazeri," Frazer's "... 1.00

"grandis," 2.00

"lasiocarpa," 1.50

"nobilis," 2.00

"Nordmanniana," Nordman Fir... 1.50

"pectinata," European Silver "... 75

"Pichica," Siberian "... $1.50

"pinsapo," 1.50

Firs are among the best of evergreens, growing to a large size, and having foliage soft to the touch. *Nord-
manniana, Pectinata, Pichica* and *Balsam-

ea* form a hardy and beautiful group.

**PINUS. Pine.**

*Pinus Austriaca,* Austrian Pine... 50

"Banksiana," 75

"Benthamiana," 50

"cembra," Swiss Pine "... $1.00

"contorta," 75

"Coulteri," 75

"densiflora," Japan Pine... 1.00

"edulis," Pinon... 1.60

"excelsa," Himalayan "... 75

"Jeffreyi," 50

**Pinus Laricio,** Corsican Pine... 50

"Mandshurica," 1.00

"Massoniana," 1.00

"mitis," Yellow Pine... 50

"monticola," 75

"Mugheus," Dwarf Pine... 50

"ponderosa," 50

"pungens," 50

"resinosa," Red Pine... 1.00

"rigida," Pitch "... 50

"strobos," White "... 50

"compacta," 1.00

"sylvestris," Scotch Pine... 50

Of the strong growing, hardy pines, doing well in almost all situations, we would name the *Austriaca, Densiflora, Excelsa, Laricio, Mitis, Pungsens, Resinosa, Rigida* and *Strobus.* The *Excelsa* is a magnificent Pine, with long, light green, silvery foliage. *Densiflora* and *Resinosa* are very fast growers, hardy, rare and beautiful. The *Mugheus* is the dwarf bush Pine, much called for for situations where a low growing, spreading evergreen is required. *Cembra* is a most valuable sort. It does not grow fast nor to be a large tree, so that it suits where another one would. Of silvery green foliage and pyramidal outline, it is a most beautiful sort.

**PODOCARPUS.**

*Podocarpus Japonica,* Japan Yew. A hardy evergreen, of upright growth, in form not unlike the Irish Yew... $1.00
PRINOS. Ink Berry.
Prinos glaber. A native shrub, with neat, green foliage, and bearing dark berries in the fall.

RHODODENDRON.
Mountain Laurel.

Rhododendron maximum ........................................ 75
" punctatum .................................................. $1.00
" Vaseyi .................................................................. 1.00

(A full list of named hybrids is given further on.)

Maximum is the Northern species, with purplish pink flowers. Punctatum comes from the mountains of North Carolina. It has small, rosy red flowers, and foliage of lesser size than the foregoing. Vaseyi is a new one, differing from an Azalea only in botanical features. It is really deciduous, but we have kept it here to be under the head of Rhododendrons.

RETINISPORA. Japan Cypress.
Retinispora ericoides ............................................. 50
" filifera .................................................................. 75
" leptoclada ................................................................ 75
" obtusa ................................................................... 50
" nana ...................................................................... 75
" pisifera .................................................................. 50
" plumosa .................................................................. 50
" " aurea .................................................................... 50
" " compacta ................................................................ 75
" " variegata .......................................................... 75
" squarrosa ................................................................ 50
" " glauca ................................................................... 75

These Japanese evergreens have proved to be amongst the hardiest of all, standing uninjured our severest winters. While all are good, we look on Filifera, Obtusa, Pisifera, Plumosa, Aurea and Squarrosa as particularly desirable. The golden tint of the Aurea and the silvery green of the Squarrosa place them in the front rank. In winter the Glauca has a remarkable purplish color. As the best color is on the young growth, frequent shearing is desirable; this also keeps them compact and in good shape.

SCIAFOPITYS. Umbrella Pine.
Sciadopitys Verticillata. A remarkably beautiful, very hardy Japanese evergreen, with dark shining green foliage, arranged in whorls of umbrella like tufts. Grows slowly while young. It is extremely rare, and should be in every collection. (See cut) ......................................................... $3.00

TAXUS. Yew.
Taxus adpressa, Japanese Yew ............................................. $1.00
" baccata, English ................................................................ 75
" elegantissima, Golden .................................................. 1.00
" fastigiata, Irish .......................................................... 1.25
" " nana, Dwarf ................................................................ 1.50
" stricta, Erect .................................................................. 1.00
" Canadensis, American .................................................. 75
" cuspidata ..................................................................... 1.00

The upright growth of the Irish Yew makes it much sought for for planting. The English is more bush-like, while the American has a low, spreading habit. Adpressa and Cuspidata are Japanese sorts of much beauty, and quite hardy.

THUJA. Arbor-Vitae.
Thuja gigantea, Pacific Coast Arbor-Vitae 75
" occidentalis, American .................................................. 50
" " aurea, George Peabody ............................................... $1.00
" " ericoides, Heath leaved ............................................... 50
" filifolia, Fern ................................................................ 75
" " globosa, Globe .......................................................... 75
" Hoopesii ...................................................................... 50
" horizontalis ................................................................. 50
" Hoveyi ......................................................................... 50
" Little Gem, Dwarf Arbor-Vitae 1.00
" " Meehani, Meehan's Golden Arbor-Vitae ...................... 1.00
" pumila, German Globe Arbor-Vitae .............................. 75
" pyramidalis .................................................................. 50
" " Sibirica, Siberian Arbor-Vitae 50
" " " variegata ................................................................... 75
" " spiralis ...................................................................... 75
" " Tatarica ..................................................................... 50
" " Tom Thumb, Dwarf Arbor-Vitae ................................. 50
" Victoria, Silver-tipped Arbor-Vitae ............................... 1.00

Among the larger growing of these are the Gigantea, Occidentalis, Aurea, Meehani, Pyramidalis, Spiralis and Victoria. The dwarf forms are Globosa, Hoopesii, Hoveyi, Pumila, Sibirica and Tom Thumb, all with a more or less rounded outline. The Little Gem is a complete dwarf, only about an inch of growth a year being made.
The Aurea and Meehanni have golden foliage, while that of Victoria is silver.

**THUJOPSIS. Nootka Sound Cypress.**

<table>
<thead>
<tr>
<th>Species</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thujeopsis borealis</td>
<td>75</td>
</tr>
<tr>
<td>&quot; dolabrata</td>
<td>75</td>
</tr>
</tbody>
</table>

**ULEX. Furze.**

Ulex Europaea. A prickly, odd plant from Europe, which bears yellow flowers. 50

**YUCCA. Adam's Needle.**

<table>
<thead>
<tr>
<th>Species</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yucca angustifolia</td>
<td>75</td>
</tr>
<tr>
<td>&quot; filamentosa</td>
<td>50</td>
</tr>
<tr>
<td>&quot; var. præcox</td>
<td>50</td>
</tr>
<tr>
<td>&quot; gloriosa</td>
<td>75</td>
</tr>
</tbody>
</table>

These plants have bayonet-like leaves, and a scape 5 to 6 feet high, bearing panicles of large white flowers. The Præcox blooms a week or ten days earlier than the others.

---

**Vines and Climbers.**

**Prices.**—Whenever extra selected plants are required the prices will correspond to what are sent. For the prices quoted, nice, satisfactory stock will be furnished.

**ACTINIDIA.**

Actinidia polygama. A Japanese vine, with rather large leaves, and bearing white, purple-centred flowers. 50

**AKEBIA.**

Akebia quinata. Of extremely rapid growth, "five-flugered" leaves, plum colored, sweet-scented flowers, which appear in early May. 35

**AMPELOPSIS.**

Ampelopsis bipinnata 35
| " Royli.         | 35    |
| " Veitchii, Japan Ivy | 35  |
| " Virginica, Virginia Creeper  | 35  |
| " lacinata, Cut-leaved  | 35   |

The Japan Ivy is the best vine there is for covering dwelling-houses, being a bright-green in summer, changing to a crimson scarlet in autumn. The Virginia Creeper is needed for coarser walls, as are all the others.

**ARISTOLOCHIA.**

Aristolochia Sipho, Dutchman's Pipe. 75
| " tomentosa       | 50    |

These are rapid growing native vines, producing an abundance of large green leaves. Sipho has yellowish brown, pipe-shaped flowers. Those of tomentosa are purple.

**BERCHEMIA.**

Berchemia volubilis. A native, but rare vine, having shining green leaves, and making a quick growth. 50

**BIGNONIA. Trumpet Vine.**

<table>
<thead>
<tr>
<th>Species</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bignonia capreolata, Evergreen Trumpet Vine</td>
<td>50</td>
</tr>
<tr>
<td>&quot; grandiflora, Chinese Trumpet Vine</td>
<td>50</td>
</tr>
<tr>
<td>&quot; radicans, Common</td>
<td>35</td>
</tr>
<tr>
<td>&quot; Thunbergii, Crimson</td>
<td>35</td>
</tr>
</tbody>
</table>

Capreolata is evergreen, and the blossoms are light orange. The Chinese has large yellowish crimson flowers; Radicans scarlet, and Thunbergii crimson. Capreolata clings with tendrils; the rest as ivy does.

**CELASTRUS. Staff Vine.**

Celastrus articulata 35
| " scandens       | 35    |

Large growing climbers, which bear orange capsules fruit in late fall.

**CLEMATIS. Virgin's Bower.**

 FOR DESCRIPTIVE LIST OF CLEMATIS, SEE PAGE 30.
DECUMARIA.

Secumaria barbara, A beautiful native climber, with thick, smooth green leaves, of the greatest utility for climbing purposes, yet, strange as it is, it is almost unknown in cultivation. It is closely related to the Hydrangea, and by some writers has been called "American Climbing Hydrangea." It clings as Ivy does. The flowers are white, fragrant; produced in cymes, or heads.

DIOSCOREA. Chinese Yam.

Dioscorea batatas

DOLICHOS.

Dolichos Japonicus. A strong growing, large leaved vine, which for rapidity of growth has no equal. Strong plants will run fifty feet a season. It dies to the ground every fall, but shoots up from the root again in the spring.

EUONYMUS. Climbing Euonymus.

Euonymus radicans

" variegata

GELSIMIUM. Carolina Jasmine.

Celsimium sempervirens

" plena, Dbl. Car. Jasmine

This beautiful climber of the Southern forests is quite hardy in this latitude. Flowers yellow.

HEDERA. Ivy.

Hedera Helix, English Ivy

" taurica, Russian Ivy

Planted on the north or east side of buildings, Ivies do very well here. It is the bright sun and light in winter that kills them.

HYDRANGEA. Climbing Hydrangea.

Hydrangea scandens. A vine from Japan, with shining green leaves and white flowers, in loose clusters in June. It must have something to cling to before it will run, being like the common Ivy in this respect.

JASMINUM.

Jasminum nudiflorum, Yellow Jasmine...officinale, White...

The Yellow Jasmine flowers in early spring, often before the frosts of winter have hardly left us.

LONICERA. Honeysuckle.

Lonicera Belgica, Monthly Honeysuckle

" brachypoda, Japan

" aurea reticulata, Golden

" flava, Yellow

" fuchsioides, New Scarlet

" Halleana, Hall's Japan

" Magnevillae,

" sempervirens, Scarlet Coral

" sinensis, Chinese
Where shade as well as sweet odor is the object, the Japan, Halleana and Chinese are usually planted, the others not growing so dense. The Chinese flowers about the 10th of June, followed closely by the Japan, then by Halleana. The latter blooms a long while and with extreme profusion. Fuchsiaoides is a new sort, with handsome foliage and brilliant scarlet flowers.

LYCIUM. Washington's Bower.

Lycium barbarum. A very pretty climber, often planted about doorways. It bears greenish-purple flowers and orange-colored berries.

MENISPERMUM. Moon Seed.

Menispermum Canadense. A native vine, bearing clusters of small yellow flowers.

PASSIFLORA. Passion Flower.

Passiflora incarnata. South of Philadelphia this variety is hardy, but here and further North it needs a little mulching to carry it safely through the winter. The vine dies to the ground every fall, but comes up again in the spring. Flowers, white, with purple centre.

PERIPLOCA. Silk Vine.

Periploca graeca. A beautiful vine, having bright green leaves, and loose bunches of star shaped, purple flowers of much beauty.

SCHIZOPHRAGMA.

Schizophragma hydrangeoides. A new vine resembling the Hydrangea Scandens, but quite distinct.

SMILAX.

Smilax hispidum.

VITIS. Grape.

Vitis heterophylla variegata, Variegated Grape. The Flowering Grape has no fruit, but is planted for its delicious fragrance when in bloom. Heterophylla variegata has beautiful foliage, and blue berries in fall.

WISTARIA. Glycine.

Wistaria frutescens, American Wistaria 50
  " alb, White " 75
  " magnifica, " 50
  " multijuga, Japan $1 00
  " sinensis, Chinese " 50
  " " alb, Chinese White " 75
  " " plena, " Double " 75

Wistaria.

Wistarias are famed for their beauty and fragrance when in flower. The Chinese flowers first, and when in full bloom, about the 1st of June, is a magnificent sight. The American and Magnifica come next, in about two weeks later. The latter bears a larger bunch than Frutescens. Multijuga has clusters of flowers two to two and a half feet long.

SELF CLIMBERS.

Of the above mentioned vines, the Ampelopsis, Bignonia, Decumaria, Euonymus, Hedera, Hydrangea and Schizophragma are self-climbers, attaching themselves to walls as ivy does.

Hardy Azaleas.

These beautiful plants are becoming well known in connection with the Rhododendron, mixed with which they are often planted. They thrive well under the same treatment as the latter, though doing well in any fairly good situation. Of the Ghent, our collection consists of nearly all colors. The Mollis is a new species from Japan, having larger flowers and blooming before the Ghent. The chief colors in cultivation are red and yellow. When planted in partial shade, the flowers last longer than when in the full sun.

We offer an assortment 1 to 2 feet at $1.25 each; $10 per 10.
THE CLEMATIS.

The Clematis, always a great favorite, because of its usefulness for purposes where vines are required, as well as for the beauty of its flowers, has gained even a firmer foothold than before, within a few years past, and chiefly because of the great strides made in the production of kinds with large and handsome flowers. It is now a good many years ago since the magnificent Jackmani was introduced, and, though unequalled yet in its general usefulness and large purple flowers, there are other kinds of different colors which command universal admiration. And it must not be forgotten that these large flowered ones do not end their display with the one course of flowers, but have occasional blossoms at intervals throughout the season.

The small flowered section, represented by the flammula and vitalba, are always in demand, because of their rapid growth and clusters of white flowers. Flammula is sweet scented as well, and sprays of its lovely flowers are always attractive, especially when mingling with other vines on a trellis, as they are often seen. Vitalba is the faster grower, and soon affords a good shade when planted for that purpose.

LARGE FLOWERED CLEMATIS.

Prices, extra large, two and three years old, 75 cents each, or $6.50 per 10. Strong, one year old, 50 cents each, or $4.00 per 10.

Gypsy Queen, rich, dark, velvety purple.
Henry, white.
Jackmani, violet purple.
Lawsoniana, rose, purple veined.
Lilacina floribunda, rose, lilac purple, strong flower.

Small flowered Clematis.

Flammula, white, very sweet scented, 35 cents.

Vitalba, white, feathery clusters, 35 cents.

Hedge Plants.

DIRECTIONS FOR PLANTING.

In planting hedges, care should be taken to secure a quantity of good top soil with which to fill in about the roots of the plants. This is especially the case when evergreen hedges are to be planted, as they require a great deal of nourishment to keep them healthy and of a good, rich color. Well rotted stable manure should also be worked in the trench with the soil. Do not cramp the roots in a small, narrow trench; dig a good wide one so that the roots can be spread out flat and still not touch the sides of it.

After the trees are planted, put a coating of manure on the surface of the soil around the plants, covering all that has been disturbed in the planting. This mulch should be left on for a year, and finally worked into the ground.

Evergreens, running in size from 12 to 24 inches, can be planted about 12 inches apart in the rows; but the larger sizes, from 2½ to 3½ feet, must be set about 18 inches apart. They should be pruned when planted; it tends to make the plants more bushy, making the sharpening of the hedge an easy matter afterwards.

For a deciduous hedge, nothing is better or more ornamental than the California Privet. Privet, with little attention makes a thick, bushy hedge, of rapid growth. At Philadelphia, and further south it is almost an evergreen, holding its leaves, when somewhat sheltered from severe winds, all winter. The small sized deciduous hedge plants should be set about 8 to 10 inches apart, the larger sizes about 12 to 15 inches.

For defensive hedges, the Honey Locust and Osage Orange are used. They are best planted in a double row,—the rows about 6 inches wide and the plants about 10 inches apart, the plants being arranged so that they will be alternate in the two rows. The Berberis Thunbergii (see description page III) and Pyrus Japonica make beautiful dwarf hedges—very thick and dense.
Of the evergreens, the American Arbor Vitae is commonly used where a thick, narrow hedge is required, as it does not spread as much as some of the other plants. It makes a fine hedge, and usually answers all purposes.

The Norway Spruce probably makes the finest hedge of all, growing very dense after several prunings, and being readily transplanted. The foliage is of such a dark green color that it is always pleasing to look upon. It delights in good, rich soil,—and a top dressing of well rotted manure every winter will keep the foliage in good color.

<table>
<thead>
<tr>
<th>EVERGREENS</th>
<th>Per 100</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arbor-Vitæ, American, 18-24 in.</td>
<td>$12.00</td>
</tr>
<tr>
<td>&quot; &quot; 2'2-1/2 ft.</td>
<td>15.00</td>
</tr>
<tr>
<td>&quot; &quot; 2'4-3 ft.</td>
<td>20.00</td>
</tr>
<tr>
<td>&quot; &quot; 4 ft.</td>
<td>50.00</td>
</tr>
<tr>
<td>Box Edging, per yard 35 cents.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>DECIDUOUS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Althæa, 12-18 in., assorted colors.</td>
</tr>
<tr>
<td>&quot; 2-3 ft.</td>
</tr>
</tbody>
</table>

Have you read the Preface to this Catalogue? It contains valuable hints about the growing of Nursery Stock.

**Hardy Herbaceous Plants.**

The value of hardy herbaceous plants to a garden has long been known to those fortunate enough to have a collection of them. Bedding plants from the greenhouse will always be needed, because of the flowers of some and the bright foliage of others. But they can never displace perennial plants in the popular affection. Columbine, Larkspur, Veronica, Flag, Phlox, Pink, Canterbury B–II, Hollyhock, and similar flowers are household words with lovers of flowers, as much so, almost, in our country as in the old world. When perennial plants are once in the garden, they may be said to be there forever. As each succeeding spring comes, the warm days bring forth the different kinds to greet us, and they truly become as old friends to us; and we look for them and value them as we cannot do the annual and transitory ones from the greenhouse. And for making displays at certain periods of the season, how useful they are! What a show large masses of Phlox procumbens make in early spring? See the uses to be made of the low growing Sedums, Cactuses, Sempervivums, Armerias, Ajugas and like plants! Masses of Day Lilies, Flags and Columbines can be made which will make a grand show. Then, when fall comes, and the many composite plants bloom, what effect is made by the yellow flowers of the Coreopsis, Helianthus and the Chrysopsis, and such other kinds with other colors such as the Boltonias and Asters.

While individual plants are very pretty, the most striking effects are produced by setting several plants of one kind in a clump. Thus six plants of Helianthus, or a dozen of Lychnis planted in a group would make a greater display than if six different sorts were planted together, as the mass of one color would attract the eye.

**PRICES.**—For 50 plants, our selection of varieties, which would include very many of the higher priced sorts, $5.00; 100 for $11.00. Purchasers' selection, for 50 plants, 15 per cent. off of the rate named per 10; 100 plants, 20 per cent. off of the rate named per 10.

**SEEDS.**—We can furnish fresh seeds of all plants marked thus *, at 10 cents per packet.

* Achiillea millefolium rubrum, Deep Rose. July and August. 1 foot.................. 15 cents. $1 25
  " Ptarmica plena, "The Pearl," White, Double. July and August. 2 feet........ 1 25
* Achilleas are spreading plants, especially the first named, soon carpeting the ground with green foliage. The flowers of "The Pearl" are invaluable for cutting.
* Actinomeris helianthoides, Yellow. July, 3 feet.......................... 1 25
  " squarrosa, Yellow. July, 3 feet.......................... 1 25
* These are some of the autumnal composite plants, to which we owe so much of the beauty of that season.
Aenanthe peucedanifolia, White. June. 1½ feet.......................... 15 cents. $1.25
*Agrostemma (Lychins) coronaria, crimson. June. 2 feet.......................... 20 " 1.50
This has silvery green foliage, which sets off the deep crimson flowers to great advantage
Ajuga reptans, Blue. May. 4 inches.......................... 15 " 1.25
" genevensis, Blue. May. 4 inches.......................... 20 " 1.75
" calycina, White. May. 2 inches.......................... 15 " 1.25
Ajugas are fine plants for covering bare ground, soon spreading and forming a green mat
of leaves.
*Allium senescens, Dull Pink. July. 1½ feet.......................... 15 " 1.25
" Campchaticum, Dull Pink. July. 1½ feet.......................... 15 " 1.25
*Althaea officinalis, Whithish Pink. July. 3 feet.......................... 15 " 1.25
Anémone Japonica alba, 1½ foot.......................... 25 " 2.00
" rosea.......................... 25 " 2.00
" rubra.......................... 25 " 2.00
" whirlwind.......................... 25 " 2.00
These anemones flower in September and October. The flowers are large and beautiful.
Anthemis nobilis, White. June 2 inches.......................... 15 " 1.25
* tinctoria, Yellow. May to September. 2 feet.......................... 20 " 1.75
The first named is the popular chamomile. Tinctoria is one of the best of perennials, flowering
freely for several months.
Anthericum liliago, Yellow. June. 1½ feet.......................... 15 " 1.25
Aquilegia chrysantha alba, White. July. 2 feet.......................... 20 "
" giandulosa, Purplish White. June. 2 feet.......................... 15 "
* vulgaris, Columbine, Purple. June. 2 feet.......................... 15 " 1.25
" Canadensis, Scarlet. May and June. 1 foot.......................... 15 " 1.25
" chrysantha, Yellow. June and July. 1½ feet.......................... 20 " 1.75
" caerulea, Blue. June. 1½ feet.......................... 20 " 1.75
" olympica, Purplish Red. June. 2 feet.......................... 15 " 1.25
" Skinneria, June. 3 feet.......................... 25 " 2.00
Aquilegias, or Columbines as they are popularly called, are needed in all collections. They
take care of themselves well and bloom profusely.
Armeria maritima, Purplish Pink. May. 8 inches.......................... 25 " 2.00
" plantaginifolia, Rosy Pink. June to August. 1 foot.......................... 15 " 1.25
These are known as sea pinks. They grow in compact clumps, from which ascend the
flower stalks.
Aslepias incarnata, Rosy Flesh. August. 3 feet.......................... 15 "
" tuberosa, Orange Yellow. August to September. 2 feet.......................... 20 "
Aster novae-angliae, a showy native sort bearing large purple flowers in September. 5 feet.......................... 20 "
" tartaricus, Purple. September and October. 3 feet.......................... 25 " 2.00
Astilbe Japonica, White. June. 1½ feet.......................... 20 " 1.75
" Thunbergz, White. July. 2 feet.......................... 20 " 1.75
The plume-like sprays of astibles make them valued for out-door display as well as for pot
culture, for which purpose florists find them so useful.
Dianthus plumarius, fl. pl.

Geranium sanguineum.

MEEHANS' NURSERIES

Baptisia australis, Blue. June and July. 3 feet
Bellis perennis, English Daisy, Snowball. May. 4 inches
Betonica Orientalis, Pink. July. 1 foot
" officinalis, Pink. July. 1 foot
" rosea, Rosy Pink. July and August. 9 inches

Betonicas are showy plants, throwing their flower spikes well up above their foliage.

*Boltonia glastifolia, White. August and September. 4 feet
* " latissquama, (see cut). Deep Lilac. August and September. 4 feet

Both of these species are pretty, latissquama especially so. As a showy perennial we can particularly recommend it. It attracted much attention in our grounds the past season.

Calamintha patavina, Purple. July and August. 1 foot
" chinensis, Pink. July and August. 1 foot

Callimeris incisa, Blue. July and August. 1¼ foot

A very pretty aster-like plant; now, and making a nice display for a month or two.

*Campanula grandiflora alba, White. July. 2 feet
" media, fl. pl. Blue. July. 1 foot
" pulcherrima, Dark Blue. July. 2 feet
" rapunculoides, Blue. July. 1 foot

Campanulas are Canterbury Bells. All are pretty, and the large flowered ones, like grandiflora, are particularly fine.

Centauria amara, Purple. July and August. 1 foot
" declinata, Purplish White. July. 1 foot
" macrocephala, Yellow. August. 1 foot

*Chelone barbata, Scarlet. July. 2 feet
" glorab, White. August. 3 feet

This is one of the showiest plants in the border. Its bright, shining green leaves well set off the spikes of scarlet flowers.

Chrysanthemum. Pompone, hardy, Yellow. October and November. 2¼ feet
" Pink. October and November. 2½ feet

These are the old style small flowered chrysanthemums, which are the hardest kinds there are, and for this reason they are generally popular for general garden planting. In rich soil they bloom profusely and the flowers attain quite a fair size.

*Chrysopsis villosa, Yellow. August and September. 4 feet

This chrysopsis makes a brave showing in the hot months of late summer. Its flowers are in great profusion.

Chrysostemma tripteris, Yellow. August and September. 3 feet
Cirsium pannonicum, Pink. July to September. 4 feet
Cimicifuga racemosa, Snakeroot. White. August. 4 feet
Collinsonia Canadensis, Yellowish White. July. 3 feet

Convallaria majalis, (Lily of the Valley), White. May. 6 inches. Clumps

" variegata (Lily of the Valley), White. May. 6 inches. Clumps

The variegated Lily of the Valley has the foliage striped with green and white.

*Coreopsis lanceolata, Yellow. June and July. 1½ feet
" grandiflora, Yellow. June and July. 1½ feet

The flowers of these coreopsis are produced on long stems, and being of good size they are very showy.
**Coronilla varia**, Pinkish White. June. 1 foot...............15 cents. $1 25

A half climbing plant, producing its flowers in good sized heads. Very pretty

**Crucianella stylosa**, Pink. July to September. 6 inches.........20 " 1 75

**Cunila Mariana**, Dittany. Lilac. September. 1 foot...........15 " 1 25

**Cynoglossum furcatum**, White. August and September. 2 feet.......15 " 1 25

**Delphinium elatum**, Bee Larkspur. June and July. 2 feet...........15 " 1 50

**Dianthus deltoides**, (see cut), White. June. 4 inches..........20 " 1 75

**" cruentis**, Red. June. 1 foot................................15 " 1 25

**" barbatus**, Sweet William, Various. June. 1 foot.............15 " 1 25

**" plumarius**, double, Scotch Pink, Pink. June. 10 inches.........15 " 1 75

**" Sternbergii**, Pinkish White. June. 6 inches................15 " 1 25

Dianthuses include pinks and Sweet Williams. Plumarius is the old-time Scotch pink.

These pinks are noted for their sweet perfume, and the Sweet Williams for their gay colors.

---

**Dicentra spectabill**, Bleeding Heart, Pink. May and June. 1½ feet.........20 cents. $1 75

This is one of the showiest of perennials, and one often grown in pots for spring flowering.

**Digitalis ferruginea**, Yellow. July. 1 foot.....................15 " 1 25

**" purpurea**, Fox glove. Purple. July. 2 feet..................15 " 1 25

Fox gloves, as these have been known as among the most useful of garden plants.

**Dracocephalum nutans alpina**, Blue. May to July. 6 inches........20 " 1 75

A very pretty, spreading plant, soon covering a good deal of ground.

**Echinops exaltata**, Bluish. July. 4 feet......................20 " 1 75

**" spinosisima**, White. August and September. 2 feet............20 " 1 75

**Eryngium planum**, Bluish. August and September. 1½ feet........15 " 1 25

While the blossoms are not conspicuously beautiful, they are much visited by bees, and the very large leaves and peculiar flower heads make the plant attractive. In a large mass the odd coloring of the flowers makes it especially desirable.

**Epilobium hirsutum**, Rose. September. 3 feet..................15 " 1 25

**Ferns**, Hardy (see special list, page 30).

**Funkia lancifolia**, Blue. August and September. 1½ feet.........20 " 1 75

**" ovata variegata**, Lilac. August. 1 foot....................20 " 1 25

**" Sieboldiana**, Blue. July. 2 feet..........................25 " 2 00

**" sub-cordata**, Whitish blue. June and July. 1 foot............20 " 1 75

Day Lily is the popular name of Funkia. Their large leaves and showy flowers, and their hardiness, insure them room in all gardens. Lancifolia blooms later in the season than the others. They are sometimes used as edgings for borders.

**Calandria grandiflora**, August. 1 foot.......................20 " 1 75

**Caeranthus nivalis**, Snow Drop. April. 6 inches..............15 " 1 25

**Caepium rubidus**, White. July. 1 foot.......................15 " 1 25
<table>
<thead>
<tr>
<th>Species</th>
<th>Description</th>
<th>Size</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Geranium aconitifolium</td>
<td>Blue. June. 1 foot</td>
<td>15 cents</td>
<td>$1.25</td>
</tr>
<tr>
<td>&quot; ibericum</td>
<td>Blue. June. 1½ feet</td>
<td>15 cents</td>
<td>$1.25</td>
</tr>
<tr>
<td>&quot; sanguineum</td>
<td>Deep Rose. June to September. 6 inches</td>
<td>20 cents</td>
<td>$1.75</td>
</tr>
<tr>
<td><em>Hieracium</em> doronocoides</td>
<td>Yellow. July and August. 4 feet</td>
<td>20 cents</td>
<td>$1.75</td>
</tr>
<tr>
<td>&quot; giganteus</td>
<td>Yellow. August and September. 6 feet</td>
<td>20 cents</td>
<td>$1.75</td>
</tr>
<tr>
<td>&quot; Maximiliani</td>
<td>Yellow. October. 5 feet</td>
<td>20 cents</td>
<td>$1.75</td>
</tr>
<tr>
<td>&quot; mollis</td>
<td>Golden Yellow. September and October. 4 feet</td>
<td>20 cents</td>
<td>$1.75</td>
</tr>
<tr>
<td>&quot; multiflorus plenus</td>
<td>Yellow. July to October. 4 feet</td>
<td>20 cents</td>
<td>$1.75</td>
</tr>
<tr>
<td><em>Helenium</em> matronalis</td>
<td>White. May. 1½ feet</td>
<td>15 cents</td>
<td>$1.25</td>
</tr>
<tr>
<td>&quot; Double White</td>
<td>White. May. 1½ feet</td>
<td>20 cents</td>
<td>$1.75</td>
</tr>
<tr>
<td>&quot; purple</td>
<td>Purple. May. 1½ feet</td>
<td>20 cents</td>
<td>$1.75</td>
</tr>
<tr>
<td><em>Heuchera</em> Wheeleri</td>
<td>Greenish-white. May. 1½ feet</td>
<td>25 cents</td>
<td>$2.00</td>
</tr>
<tr>
<td><em>Hibiscus</em> grandiflorus</td>
<td>Cream. July and August. 3 feet</td>
<td>25 cents</td>
<td>$2.00</td>
</tr>
<tr>
<td>&quot; militaris</td>
<td>Red and White. July and August. 3 feet</td>
<td>25 cents</td>
<td>$2.00</td>
</tr>
<tr>
<td>&quot; Moscheutos</td>
<td>White. July and August. 3 ft.</td>
<td>25 cents</td>
<td>$2.00</td>
</tr>
<tr>
<td><em>Hieracium</em> stoloniferum</td>
<td>Lemon. June to August. 6 inches</td>
<td>20 cents</td>
<td>$1.75</td>
</tr>
<tr>
<td>&quot; tridentatum</td>
<td>Yellow. August. 1 foot</td>
<td>15 cents</td>
<td>$1.25</td>
</tr>
<tr>
<td>&quot; umbrosum</td>
<td>Yellow. July to September. 2 feet</td>
<td>20 cents</td>
<td>$1.75</td>
</tr>
<tr>
<td><em>Hieracium</em> stoloniferum</td>
<td>Lemon. June to August. 6 inches</td>
<td>20 cents</td>
<td>$1.75</td>
</tr>
<tr>
<td><em>Hollyhock</em></td>
<td>Double white, d'ble pink, d'ble red, and d'ble yellow, strong blooming plants</td>
<td>25 cents</td>
<td>$2.00</td>
</tr>
<tr>
<td><em>Hydrophyllum</em> Canadense</td>
<td>White. May and June. 1 foot</td>
<td>15 cents</td>
<td>$1.25</td>
</tr>
<tr>
<td><em>Iberis</em> gibraltarica</td>
<td>Hybrids. Light Purple. May. 6 inches</td>
<td>20 cents</td>
<td>$1.75</td>
</tr>
<tr>
<td>&quot; sempervirens</td>
<td>(see cut page 34). White. June. 6 inches</td>
<td>20 cents</td>
<td>$1.75</td>
</tr>
<tr>
<td><em>Incarvillea</em> Kopmanni</td>
<td>August. 1 foot</td>
<td>25 cents</td>
<td>$2.00</td>
</tr>
</tbody>
</table>

These Geraniums are pretty and useful plants. Sanguineum is of a spreading nature, and is almost always in bloom. Cladiolus communis, Globularia vulgaris, Helioptis lævis, Iberis multiflorus, Plumbago, and Lychnis Chalcedonica, are all tall growing, composite plant, blooming profusely in the late summer and fall.
Iris Cengalti, Deep Purple. May and June. 1 foot .................................................. 25 cents $2.00
florentina, White. May. 2 feet ........................................ 20 " 1.50
Germanica, in variety. Various. May and June. 1½ feet ..................... 15 " 1.25
laevigata, Various. June and July. 1½ feet ................................. 20 " 1.75
Sibirica, Various. May and June. 1½ feet .................................. 15 " 1.25
Virginica, Blue. May and June. 1½ feet ........................................ 20 " 1.75

Iris are the well-known flags. Of various and beautiful colors, and doing well in most all situations. They are very popular. Planted in groups they make a fine display.

*Kitalbelia vitifolia, White. June to August. 5 feet ........................................ 15 " 1.25
Lathyrus grandiflorus, Rose. June to August. 4 to 5 feet ................................. 25 " 2.00
Lathyrus sylvestris, Dull Pink. June to August. 2 feet ................................. 25 " 2.00
Lavendula vera, Lavender. Blue. August to October. 2 feet ......................... 15 " 1.25

This is the true lavender, famed alike for its pretty flowers and its pleasant odor.

Leucojium aestivum, White. April. 1 foot ........................................ 15 " 1.25
Liatris pycnostachya, (see cut page 34), Purple. July. 4 feet ......................... 15 " 1.25

A really beautiful flower, throwing up a long spike with flowers of a lilac purple color.

Lilium tigrinum, Tiger Lily. Orange Red. July. 5 feet ................................. 15 " 1.25
Lychnis Chalcedonica, (see cut.) Scarlet. June to August. 2 feet ................. 15 " 1.25

The bright scarlet blossoms of this plant make it conspicuous wherever planted. It continues in bloom for a long while.

*Lythrum salicaria, Purple. July. 3 feet ........................................ 35 " 2.50

The rosy purple flowers of this plant are produced in great profusion.

Lysimachia ciliata, Yellow. July to September. 1½ feet ................................. 15 " 1.25
clethroides, White. July to September. 1½ feet ......................... 20 " 1.75
verticillata, Yellow. July. 1 foot ........................................ 15 " 1.25

These flowers are known as moneyworts. All make a good display when in bloom, especially the white one, clethroides.

Malva alcea, Pink. June to August. 2 feet ........................................ 15 " 1.25
Medicago prostrata, Yellowish. July and August. 8 inches ......................... 15 " 1.25
*Mentha rotundifolia, Mauve. July to September. 1½ feet ................................. 15 " 1.25

sylvestris, Mauve. July to September. 3 feet ................................. 15 " 1.25
Monarda fistulosa, Pale Pink. August and September. 2½ feet ......................... 20 " 1.75
purpurea, Purple. August and September. 2½ feet ......................... 20 " 1.75
mollis, Pink. June and July. 1 foot ........................................ 20 " 1.75

Monardas are known as bergamots. The purpurea is one the flowers of which make a great display.

Naumbergia thyrsiflora, Yellow. July. 2 feet ........................................ 15 " 1.25

These flowers are known as moneyworts. All make a good display when in bloom, especially the white one, clethroides.

Sedum fabaria.
*Nepeta macrantha,* Blue. July and August. 2 feet. ...........................................$1.25
*betonicafollia,* Blue. July and August. 1½ feet. ...............................................15 " $1.25
*Clechoma,* Blue. July and August. 6 inches. ......................................................15 " $1.25
*Gênothera rlpria,* Yellow. July and August. 1 foot. ...........................................15 " $1.25
*speciosa,* Pink. June to August. 6 inches. .........................................................15 " $1.25
*Youngii,* Yellow. June to August. 1½ feet. .......................................................20 " $1.75

This is the well known "Evening Primrose." The plants bloom freely and are showy and fragrant.

*Opuntia oplocarpa,* Yellow. June and July. 9 inches. ...........................................20 " $1.75
*Rutesesquii,* Yellow. June and July. 9 inches. .....................................................20 " $1.75
*vulgaris,* Yellow. June and July. 9 inches. .........................................................20 " $1.75

There are many dryish places in a garden in which these hardy creeping cactuses would do well suited.

*Origanum vulgare,* Purplish White. July. 1½ feet. .............................................15 " $1.25
*Pachysandra procumbens,* Brownish White. April and May. 1 foot. ......................15 " $1.25
"terminalis,* Greenish White. May. 1 foot. .........................................................25 " $2.00

The Pachysandra is evergreen. It flowers early, and is a favorite with bees.

*Paeonies,* See special list, page 38.

*Papaver Orientale,* Poppy, Orange Red. June. 2 feet. ........................................15 " $1.25

The large, satin-like blooms of the poppy are well known, and the plants are always in demand.

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*Tradescantia Virginica.*

*Vinca herbacea.*

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*Pardanthus Chinensis,* Yellow. June. 3 feet. .........................................................15 cents. $1.25
*Pentstemon Digitalis,* White. June and July. 1½ feet. ........................................15 " $1.25
*Phlox decussata,* strong flowering plants, in variety. Various. June to August. 2½ feet. 20 " $1.50
"Jean d'Arc,* White. June to August. 2 feet. .......................................................25 " $2.00
"procumbens alba,* White. May .................................................................clumps 20 " $1.75
"rosea,* Rose. May .......................................................... .................................. 20 " $1.75
"striata,* Striped. May .......................................................... .................................. 20 " $1.75

Phloxes do much towards making the garden gay throughout the season. The procumbens type are creeping sorts, and are known as Moss Pinks. They completely carpet the ground. The taller ones, known as Perennial Phloxes, are well known for their great beauty and variety of colors.

*Phlomis tuberosa,* Purple. June and July. 4 feet. ..................................................15 " $1.25
*Phystostegia denticulata,* Lilac White. July. 2 feet. ...........................................15 " $1.25
"Virginica,* Lilac White. July and August. 2 feet. .............................................15 " $1.25
*Platycodon Mariesii,* Blue. June to September. 1 foot. .......................................25 " $2.00
*Plumbago Larpentae* (see cut page 50), Purple Blue. September and October. 1 foot...15 " $1.25

This is one of the best of late flowering plants, the pretty flowers being produced in great abundance.

*Potentilla lacunosa,* Yellow. June to August. 1 foot. ..........................................15 " $1.25
"recta,* Yellow. June to August. 1 foot. .................................................................15 " $1.25
"rupestris,* Yellow. June to August. 1 foot. ..............................................................15 " $1.25
*Polygonatum multiflorum,* White. May and June. 1½ feet. ................................15 " $1.25
*Polygonum cuspidatum* (see cut page 36), White. July to September. 5 feet. ........25 " $2.00

This plant produces great quantities of white flowers in late summer, and growing tall and spreading rapidly it soon makes a great display. Three or more plants in a clump form a great attraction.
<table>
<thead>
<tr>
<th>Plant Name</th>
<th>Description</th>
<th>Height Range</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Poterium sanguisorba</td>
<td>Red, July, 1½ feet</td>
<td>.20</td>
<td>1.75</td>
</tr>
<tr>
<td>Primula alba plena</td>
<td>White, May, 4 inches</td>
<td>.20</td>
<td>1.50</td>
</tr>
<tr>
<td>Pseudaloe sub-acaulis</td>
<td>Lilac, August, 1 foot</td>
<td>.15</td>
<td>1.25</td>
</tr>
<tr>
<td>Pycnanthemum linifolium</td>
<td>White, August to October, 2½ feet</td>
<td>.15</td>
<td>1.25</td>
</tr>
<tr>
<td>Rubus incana</td>
<td>Yellow, August to October, 1½ feet</td>
<td>.15</td>
<td>1.25</td>
</tr>
<tr>
<td>Scutellaria albida</td>
<td>Blue and White, June to August, 1 foot</td>
<td>.15</td>
<td>1.25</td>
</tr>
<tr>
<td>Sedum album</td>
<td>Creeping, White, July, 4 inches, clumps</td>
<td>.20</td>
<td>1.25</td>
</tr>
<tr>
<td>Silene macrosperma</td>
<td>White, June and July, 2 feet</td>
<td>.15</td>
<td>1.25</td>
</tr>
<tr>
<td>* Maximowiczii</td>
<td>Yellow, June and July, 1 foot</td>
<td>.10</td>
<td>1.25</td>
</tr>
<tr>
<td>* rhodola</td>
<td>Light Pink, August 6 in</td>
<td>.15</td>
<td>1.25</td>
</tr>
<tr>
<td>* Sieboldi</td>
<td>Pink, August, 6 inches</td>
<td>.15</td>
<td>1.25</td>
</tr>
<tr>
<td>* speciosum</td>
<td>Pink, July, 4 inches</td>
<td>.15</td>
<td>1.25</td>
</tr>
<tr>
<td>* telephium</td>
<td>Light Pink, July and August, 1 foot</td>
<td>.15</td>
<td>1.25</td>
</tr>
<tr>
<td>*Sempervivum roseum</td>
<td>Yellow, August to October, 3 feet</td>
<td>.25</td>
<td>1.75</td>
</tr>
<tr>
<td>*Scutellaria tectorum</td>
<td>Pink, September and October, 1½ feet</td>
<td>.15</td>
<td>1.25</td>
</tr>
<tr>
<td>*Verdetii</td>
<td>Pink, July, 4 inches</td>
<td>.20</td>
<td>1.75</td>
</tr>
<tr>
<td>Solidago Canadensis</td>
<td>Yellow, September and October, 4 feet</td>
<td>.15</td>
<td>1.25</td>
</tr>
<tr>
<td>*Drummondii</td>
<td>Yellow, September and October, 2 feet</td>
<td>.15</td>
<td>1.25</td>
</tr>
<tr>
<td>Spiraea venusta</td>
<td>Rosy Pink, July and August, 2½ feet</td>
<td>.15</td>
<td>1.25</td>
</tr>
<tr>
<td>*Iobata</td>
<td>Rosy Pink, July and August, 2½ feet</td>
<td>.15</td>
<td>1.25</td>
</tr>
<tr>
<td>*Stachys lanata</td>
<td>Pink, July and August, 1½ feet</td>
<td>.20</td>
<td>1.75</td>
</tr>
<tr>
<td>Statice plantaginifolia</td>
<td>Pink, June to September, 1½ feet</td>
<td>.20</td>
<td>1.75</td>
</tr>
<tr>
<td>Stokesia cyanea</td>
<td>Blue, August and September, 1 foot</td>
<td>.25</td>
<td>2.00</td>
</tr>
<tr>
<td>Symphytum aspernum</td>
<td>Violet Blue, June and July, 2 feet</td>
<td>.20</td>
<td>1.75</td>
</tr>
<tr>
<td>Tanacetum globiferum</td>
<td>Yellow, June and July, 1 foot</td>
<td>.15</td>
<td>1.25</td>
</tr>
<tr>
<td>Thalictrum angustifolium</td>
<td>Greenish Yellow, June to August, 1½ feet</td>
<td>.15</td>
<td>1.25</td>
</tr>
<tr>
<td>*Thymus Vulgaris</td>
<td>Garden Thyme, Pink, June to August, 9 inches</td>
<td>.15</td>
<td>1.25</td>
</tr>
<tr>
<td>Tradescantia Virginica</td>
<td>(see cut page 57), Blue June to September, 9 inches</td>
<td>.15</td>
<td>1.25</td>
</tr>
<tr>
<td>*Tricytis hirta</td>
<td>Brown September and October, 1½ feet</td>
<td>.25</td>
<td>2.00</td>
</tr>
<tr>
<td>*Trillium grandiflorum</td>
<td>Pinkish White, May, 6 inches</td>
<td>.15</td>
<td>1.25</td>
</tr>
</tbody>
</table>

*NOTE: Each quantity is priced per 10, at the specified height range.*

For complete information on these plants and their uses, please refer to the nursery's catalog or website.
**Tritoma uvaria**, Red. August to October. 1½ feet .......................................................... 25 cents.

This, the "red hot poker" plant, makes a grand display when in dower in the fall.

**Vernonia angustifolia**, Purple. August and September. 3 feet ............................................. 15 " 1 $1.25

**Veronica gentianoides**, Mauve. May and June. 1 foot .......................................................... 20 " 1 75

" incana, Mauve. May and June. 1 foot .......................................................... 15 " 1 25

" montana, Blue, May and June. 6 inches .......................................................... 15 " 1 25

" officinalis, Mauve. June and July. 3 inches .......................................................... 15 " 1 25

" rosea, Rose. August. 1 foot .......................................................... 20 " 1 25

" rupestris, Blue, June and July. 6 inches .......................................................... 15 " 1 25

**Vesicularia sinuata**, Yellow. May and June. 1 foot .......................................................... 15 " 1 25

**Vinca herbacea**, (see cut page 57), Purple. June to September, 4 inches ............................................ 15 " 1 25

As its name implies, this is herbaceous. Its pretty blue flowers are produced in great profusion.

**Viola cuculata**, Blue, May. 6 inches .......................................................... 10 " 85

" " picta, Striped, May. 6 inches .......................................................... 15 " 1 25

" pedata, Light Blue, May. 6 inches .......................................................... 15 " 1 25

" sagittata, Blue, May. 6 inches .......................................................... 15 " 1 25

" striata, Cream. May. 6 inches .......................................................... 15 " 1 25

The modest violet flowers please us all in the earliest days of spring, when they come forth to greet us. They do well either in the sunlight or in partial shade.

### Hardy Ornamental Grasses.

The Eulalias are beautifully striped, and are entirely hardy. They grow four to five feet high, and form large clumps. The Pampas Grass can be left out in winter if the roots are covered with leaves. The Bamboo grows to a height of ten to fifteen feet, and as a center to a bed of Cannas or similar plants, it is very effective. The Erianthus is the well-known grass so popular some years ago. It is still most useful where a tall, extremely hardy one is wanted. The Festuca has silvery foliage, the Calamagrostis variegated. The two latter are useful for edgings to beds and borders, not being tall growing.

**Aruno donax**, grows 12 to 15 feet, 35 cents each. Extra strong clumps, 50 cents to $1.00 each.

**Aruno donax variegata**, grows 5 to 7 feet, 35 to 50 cents each.

**Calamagrostis stricta variegata**, grows 8 to 10 inches, 25 cents each. Extra sized clumps, 35 to 50 cents.

**Eulalia Eriantha**, grows 8 to 10 feet, 35 cents each. Extra sized clumps, 50 cents to $1.00 each.

**Eulalia Japonica**, grows 8 to 10 feet, 35 cents each. Extra sized clumps, 50 cents to $1.00 each.

" Japonica variegata**, grows 5 to 7 feet, 35 cents each. Extra sized clumps, 50 cents to $1.00 each.

" gracillima univittata**, grows 5 to 7 feet, 35 cents each. Extra sized clumps, 50 cents to $1.00 each.

**Festuca glauca**, grows 6 to 8 inches, 25 cents each.

**Cynerium argentium**, grows Pampas Grass, 8 to 10 feet, 35 cents each. Extra sized, 50 cents to $1.00 each.

" We have a large stock of extra sized trees for planting for immediate effect. Price given by correspondence.
Hardy Ferns.

Price, 30 cents each; $2.50 per 10.

Evergreen sorts are marked (E)

**Adiantum pedatum**, Maiden Hair Fern.

**Asplenium pedatum**, Silvery Spleenwort

**Asplenium Thelypterioides**, Christmas Fern. (E)

**Aspidium acrostichoides**, Christmas Fern. (E)

**Asplenium Thelypteris**, Lady Spleenwort

**Dicksonia antarctica**, Mountain Spleenwort

**Onoclea sensibilis**, Sensitive Spleenwort

**Osmunda Claytoniana**, Flowering Spleenwort

**Asplenium Thelypteroides**, Silvery Spleenwort

**Asplenium Thelypteris**, Lady Spleenwort

**Dicksonia antarctica**, Mountain Spleenwort

**Onoclea sensibilis**, Sensitive Spleenwort

**Osmunda Claytoniana**, Flowering Spleenwort

**Felix-femina**

**Asplenium Thelypterioides**, Silvery Spleenwort

**Asplenium Thelypteris**, Lady Spleenwort

**Dicksonia antarctica**, Mountain Spleenwort

**Onoclea sensibilis**, Sensitive Spleenwort

**Osmunda Claytoniana**, Flowering Spleenwort

**Asplenium Thelypterioides**, Silvery Spleenwort

**Asplenium Thelypteris**, Lady Spleenwort

**Dicksonia antarctica**, Mountain Spleenwort

**Onoclea sensibilis**, Sensitive Spleenwort

**Osmunda Claytoniana**, Flowering Spleenwort

Ferns might be used in gardens much more than they are, for not only are they beautiful in summer, but many of them are evergreen, affording something green for rock work and other places in winter time. Ferns like shade, but at the same time must have some air. Damp, shady places are the ones they prefer, and as such spots do not suit many plants, ferns are especially valuable for the purpose.

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Pœonies.

Single and Double. Within a few years past there has been a revival in the demand for these grand old flowers. And well they deserve this attention, for there is nothing approaching the gorgeous display they make when in flower. It must be remembered, too, that while an old flower, there have been great improvements made in them. Double flowers, perfect globes in themselves, and of almost all colors, now exist; in single blooming kinds there are great numbers, many of them rivaling Oriental poppies. We have an unsurpassed collection, which we offer as follows: Price, 40 cents each, $3.50 for 10.

**SINGLE FLOWERING PÆONIES.**

**Abrupolis**, pink.

**Catulus**, purple.

**Lucrinus**, deep maroon.

**DOUBLE FLOWERING PÆONIES.**

**Cabrera**, purple, crimson.

**Delia**, white.

**Globosa**, flesh,

**Harpasus**, white.

**Labulus**, crimson.

**Leonora Bramwell**, silvery pink.

**Maria Kelway**, blush and yellow.

**Maxentius**, crimson.

**Plutarch**, crimson.

**Saturnalia**, pink.

**Stentor**, pink.

Customers who are unacquainted with the different varieties of Hardy Perennials can have a special list of the best kinds for all purposes by corresponding with us.
Standard Apples.

Prices.—So few of our customers have bought from us the small sized Apple trees usually sent out by most nurseries, that we have decided not to offer them. The extra sized trees offered here are all of extra heavy size, the higher priced ones being of bearing size. No one need fear purchasing the largest size, as an apple tree moves quite easily. We have often transplanted these trees without losing a single one. They should be pruned back about as much as the Pin Oak, illustrated on page ii, front pages of catalogue.

American Golden Russet. One of the most delicious and tender apples. Medium size; dark yellow, sprinkled with russet. Flesh yellowish, very tender and juicy, with rich spicy flavor. October. $1.25 and $1.50.

Baldwin. A well-known market kind. The fruit is crimson striped and of a rich saccharine acid flavor. Winter. 50 cents and $1.00.

Ben Davis. A Western apple, becoming popular in the East, on account of its free bearing qualities. The fruit is yellowish, splashed with red, of sub-acid flavor and fair quality. Winter. $1.25 and $1.50.

Cornell’s Fancy. A very beautiful apple, waxy-yellow, shaded crimson, of a juicy sub-acid flavor. Fall. 50 cents and $1.00.

Duchess of Oldenburg. A large apple of beautiful appearance. Streaked red and yellow, tender and juicy, a good grower and a young and abundant bearer. September. 50 cents and $1.00.

Early Harvest. One of the best of early varieties. The fruit is bright straw colored, of an agreeable tart quality. July. 50 cents and $1.00.

Fallawater. The immense size of the fruit and other good qualities make this a favorite. Flavor pleasant tart. Winter. $1.25 and $1.50.

Fall Pippin. A large, yellowish, rich, aromatic fruit, well known in collections. October. $1.25 and $1.50.

Hubbardston Nonsuch. This excellent apple is one of the standard kinds in Western New York, and succeeds well everywhere. Yellow and red splashed, sweet mingled with acid. Winter. 50 cents and $1.00.

Maiden’s Blush. There is no more popular apple in its season than this. It is of a bright straw color shaded with crimson, and pleasant acid flavor. August and September. 50 cents and $1.00.

Red Astrachan. Undoubtedly the best early apple of large size and for table use. Everybody wants this beauty who has use for early fruit. The color is deep crimson, streaked with yellow, with partly tart flavor. July to August. 50 cents and $1.00.

Roxbury Russet. The well-known “Russet.” Keeps until June. 50 cents and $1.00.

Ridge Pippin. Large, roundish, conical. Yellow and slightly shaded; sprinkled with russet and crimson dots. Flesh yellowish, juicy and crisp. December. $1.25 and $1.50.

Smith’s Cider. This is becoming more popular every day on account of its regular and abundant bearing and good keeping qualities. It is yellow, shaded with red, juicy and pleasant acid flavor. Winter. $1.25 and $1.50.

Sweet Bough. A very popular early apple with old-fashioned people, and quite good enough yet for the average man. Color yellow, partly tart. July to August. 50 cents and $1.00.

Wine Sap. Large and round; dark red; good quality; late keeper. Good bearer. December. 75 cents and $1.00.

Yellow Transparent. A newly introduced early apple of decided merit. It is yellowish-white without and white within; bears when but three or four years old, and ripens early in July. 50 cents and $1.00.


Crab Apples.

Price, 50 cents each; large size, 75 cents.

Hyslop. Large size; deep crimson. Very popular on account of its beauty. October.

Montreal Beauty. One of the most beautiful of the Crabs. Large, yellow, shaded with red. September and October.

Transcendent. A variety of the Siberian; red and yellow. September.

Red Siberian. Fruit small, yellow, with scarlet cheek. Bears early and freely. September and October.

Whitney. Large, glossy green, striped and splashed with Carmine. Flesh firm, juicy, and flavor very pleasant. Prolific bearer.

Apricots.

The Apricot is among the most delicious fruits we have. It does very well trained as a vine would be along a wall, so that a tree can often be grown where there would not be room for it otherwise. Its golden yellow fruit is much valued, and the tree thrives fairly well hereabouts.

Price, 50c. each. Extra size, 75c.

Breda Moor Park
St. Ambrose

Asparagus.

The plants we offer are not such as are usually sold by nurserymen and seedsmen, but are good, strong plants, three-year old. These will be ready for cutting much sooner than the small plants. Nor do we dig them before they are needed. Consequently our plants are always fresh and produce good results.

Price, $1.25 per 100. $8.00 per 1,000.

Conover’s Colossal
Blackberries.

The well-known varieties of Blackberries which we enumerate below, are yet so esteemed for general planting that we have not yet discarded any of them for newer sorts, though there are many of the latter before the public. Either of the sorts named will give satisfaction, as the berries are large, sweet and of excellent flavor.

**Price, 75c. per 10. $5.00 per 100.**


**Dorchester.**

Kittatinny

Wilson's Early

Dewberry.

The Dewberry is now planted in every garden, as the fruit ripens before the Blackberry. The Lucretia is an improved sort and of great merit. The fruit is large and good; having that sweet, juicy flavor peculiar to the wild sort. Should he treated the same as Blackberries.

**Lucretia. Price, $1.00 per 10.**

Cherries.

Many planters fail in transplanting the Cherry, because they either do not prune the trees or allow them to bloom the first year. Both exhaust the sap in the tree before the roots start out and produce a fresh supply. The Cherry should be pruned very much,—as much as we recommend in pruning the Red Oak. (See illustration page 11; front of catalogue.) And besides this, all the flower buds should be picked off.

All the sorts herein named are what are known as Ox Heart or Bigarreau cherries, excepting the Early Richmond, which is a Pie cherry and the May Duke, which is partly tart.

**Price, extra large trees, $1.00 to $1.50 each.**

Smaller trees, 75 cts. each.

**Black Eagle.** A fine sort of the Heart class. Black, rich and juicy. Ripe early in July.

**Early Purple.** Medium size, dark purple, juicy and sweet. First to middle of June.

**Early Richmond.** Perhaps the most largely planted of all cherries, on account of its hardiness and productiveness. It is the earliest of all the Morello, or Pie cherries. Deep red. June.

**Elkhorn** (Black Tartarian). Very large, deep black, flavor mild and pleasant. Tree an immense bearer. Last of June.

**Governor Wood.** Vigorous and productive, and always in demand. Light yellow, shaded red. End of June.

**May Duke.** Everybody still asks for this one, though it is not the earliest, as some suppose. Dark red. Middle of June.

**Napoleon.** One of the best cherries that we offer. Large size, pale yellow with bright red cheek. Flavor delicious and sweet. An immense bearer. Ripens late.

**Rockport.** Pale amber and red, sweet and good. Early July.

**Schmidt's Bigarreau.** A choice sort of good repute among large growers. Fruit large, black; flesh dark, rich flavor, small stone, good.

**Windsor.** A newer sort, but of great merit. Large, liver colored, firm and of fine quality. A valuable late variety. End of July.

**Yellow Spanish.** One of the best light colored sorts, and we highly recommend it. Light yellow, red cheek. Flesh firm, juicy and delicious. End of June.

**Currants.**

The Black Currant makes excellent tarts and preserves. The Cherry and the Versailles have large berries and bunches, and are very desirable. Fay's Prolific is as large as Versailles and a longer hunch.

**Price, $1.50 per 10.**

**Black Naples.**

**Cherry, Red.**

**Versailles, Red.**

**White Crape.**

**Fay's Prolific,** Red. $2.00 per 10.

**Gooseberries.**

The Downing and Smith's Improved are more largely planted than any other sort, as they bear enormous crops every season. They are strong, vigorous growers and require no more than ordinary attention in the garden.

The Industry is one of the English sorts, which has been found to do well in this country if a little attention be given it. A moist, cool soil, somewhat shaded, exactly suits it, and by keeping a much of manure constantly around it on the surface of the ground, a few stones on this, it will be all that is necessary. Fruit large, red and is produced abundantly.

**Downing,** $1.50 per 10.

**Smith's Improved,** $1.50 per 10.

**Industry,** 25c. each, $2.00 per 10.

**Grapes.**

Although there are numerous new grapes continually added to the list. Concord is still more largely planted than any other sort, it is such a healthy grower and productive variety. Still, there are better flavored ones, as well as those of a different color, and those who have room for them will want to plant a variety.

Among newer ones, the Berekmans is one of the best for those who want an improvement on the Delaware. It is at least equal in flavor, and of much more vigorous growth. Niagara is a new white one, and is the best white sort in the vicinity of Philadelphia.

**Price, 35 cts. each. Extra size, 50 cts.**

**Barry** (Rogers 4). Black.

**Berekmans.** A valuable new grape, combining the quality of the Delaware with the vigor of the Clinton, Red.

**Brighton.** A lustily esteemed grape of strong growth and hardy character. Early. Dark purple.

**Clinton.** This is esteemed as a late grape; at its best after most other sorts are over. Black.

**Concord.** Black.

**Hartford Prolific.** Too well-known as a reliable early sort to need describing. Black.
Lady. 
A good sort. Bunch and berry medium size. Thin skin; color light greenish yellow. Pulp tender, sweet and pleasant. A vigorous grower and an early sort.

Lady Washington. 
A hardy and productive sort, with large and good fruit. Late. White.

Lindley (Rogers No. 9). 
By some, this is thought to be the best Red Grape in cultivation. It is certainly a very valuable sort. Red.

Martha. 
This, although one of our oldest White Grapes, is indispensable yet. It is reliable, and of excellent flavor. White.

Moore’s Early. 
This proves to be an excellent early grape, with large bunches and berries, ripens with Hartford. Black.

Niagara. 
A new kind, of hardy, healthy character, and excellent flavor. White.

Pocklington. 
Although hardly as sweet as some White Grapes, it is so valuable in every other respect that everyone wants it. Late. White.

Salem (Rogers No. 53). 
Perhaps the most esteemed of all Rogers’ seedlings, being an excellent sort in every way. Red.

Worden. 
Bunch large, compact; berries larger than Concord, and ripening a few days earlier. It is also superior in flavor. A very popular and desirable sort.

**Foreign Grapes.**

Strong one year old vines, in eight inch pots. Price, $1.00 each; $8.50 for 10.

Buckland Sweetwater. White.
Black Hamburg. Black, very fine.
Bowood Muscat. Bright amber color when ripe.

**Nectarines.**

Burmarsh. Price, strong two year trees, 50 cents each.
Early Newington. Large, pale green, red in sun, flesh pale red at the stone; juicy and rich.
Stanwick. A particularly desirable variety for forcing under glass.
Pitmaston. Large; orange and yellow. Flesh orange, rich and fine. Freestone.

**Peaches.**

Peaches do well in all situations, except low, damp ones, and even in these they succeed for a time. It is a mistaken idea some have that they do not thrive in this district. Few fruits give more satisfaction for the time it lasts than a peach tree. The tree should be well pruned when transplanted.

Price, one-year old, 25c. each. Two-year, 50c. each.


Alpha. A newer sort, very early; of fine flavor. Flesh white. A good bearer.


Crawford’s Early. A very fine, large, yellow peach of excellent quality. Tree exceedingly prolific. One of the most popular sorts. Early September.

Crawford’s Late. An excellent yellow peach; very large and productive. Last September.

Hale’s Early. Medium size; flesh white, of good quality. Middle August.

Mountain Rose. Large, round. Skin white, partly covered with dark red; flesh white and very good. Early September.

Morris White. Medium size. Creamy white with red cheek. Flesh white and juicy. Middle of September.

Oldmixon. Large, white and red. Flesh pale and juicy. A very productive and valuable variety. Middle of September.

Rivers’ Early. Large, creamy white with pink cheek. Rich flavor. One of the best of the early varieties.

Susquehanna. A very large yellow peach; melting, rich and fine. Early October.


Troth’s Early. Well-known in market as a good red, early sort. Early August.

Wager. A very late, lemon colored peach of a good quality. October.

Ward’s Late. An excellent late peach. Flesh nearly white; excellent flavor. Last September.

**Pears.**

There are but few fruit trees give more satisfaction than pears. They take but little room to grow, always bear more or less, and have troubles from but few insects or diseases. No one would regret planting any of those we offer, but for a half-dozen we should incline to select them in the following order: Bartlett, Seckel, Sheldon, Clapp’s Favorite, Beurre d’Anjou, Howell.

**Standard Pears.**

Price, 75 cts. to $1.00 each, according to size and age. Extra sized trees of some varieties, $1.50 to $2.50 each.

Bartlett. Deservedly the most popular of all pears, bears young and abundantly. September.

Belle Lucrative A fair-sized pear, melting and sweet, good bearer. September, October.

Beurre d’Anjou. One of the best winter pears known, both for flavor and keeping qualities. Winter.

Buffum. An excellent summer pear ripening in September.

Clapp’s Favorite. A splendid large pear, of excellent quality, ripening three weeks before the Bartlett. Requires gathering ten days before ripening on the tree, and close watching to tell just when it is ripe. Middle of August.

Doyenno Boussoch. This large and good pear is far from being properly appreciated. Besides the bug of very good quality, it bears well, and can be relied on for a regular crop. September.

Duchess d’Angouleme. A large, fine pear, ripening towards the close of October.

Flemish Beauty. Well known as a reliable September sort.

Frederick Clapp. A new sort of excellent quality ripening in October.
Howell. A large American pear, waxy-yellow color, handsome, sweet, melting. A vigorous grower, and becomes more productive with age. October.

Kieffer. A place in collections is being found for this pear. It is variable in quality, sometimes very good, at other times not so good, but it hears young, always abundantly, and is beautiful. October.

Lawrence. Well-known as a reliable sort, of excellent flavor. Early Winter.


Manning’s Elizabeth. A very good early pear; ripe in August.

Seckel. Everywhere recognized as the standard of excellence in the pear. September, October.

Sheldon. One of excellent quality, fair size, round, russet, of rich and delicious flavor. One of the best. October.

Dwarf Pears.

Price, 50c. each; extra size 75c. each.

Bartlett. September.

Beurre d’Anjou. Winter.

Clapp’s Favorite. Middle of August.

Duchess d’Angouleme. End of October.

Kieffer. October.

Lawrence. Winter.

Manning’s Elizabeth. August.

Seckel. September and October.

Plums.

Price, 75 cts. to $1.00 each.

Bradshaw. Large and early; dark violet red; juicy and good. Very productive. September.

Imperial Gage. Medium size, greenish, juicy, rich and delicious. Tree, a strong grower and very productive. Middle of August.


Reine Claude. Large size, and of fine flavor; green. Hangs long on tree. Middle to end September.

German Prune. Medium size, blue; juicy, rich, fine. Tree vigorous and very productive. September.

Quince.

The Quince needs good, moist, cool, well-drained soil to grow in.

Price, 50c. each; extra sized, 75c. to $1.00 each.

Meehans’ Prolific. Strong grower and enormously productive, and commences to bear when quite young. Fruit of fine form and color, large size, very handsome, and is unsurpassed for cooking.

Orange. Though many new varieties have been introduced in recent years, this sort is still considered the best of all. It is a good grower, very productive, and the fruit is of the largest size.

Raspberries.

Raspberries are often said to run out, but with attention to enriching the ground, keeping the soil cool, and cutting out of weak canes, to strengthen the others, the good old kinds are as good yet as many of the newer ones. Although generally unnecessary, some think it pays to cover the canes in winter, either by tying with straw, or bending down and covering with a few inches of earth.

The Catawissa is worthy of more attention than received, as it bears in August a fine crop of fruit.

Price, $1.00 per 10; $6.00 per 100.

Caroline. Yellow. Canes very hardy.

Cuthbert. Hardy, sweet and productive. Deep crimson.

Catawissa. Valued for its fall-bearing character, which is brought about or aided by cutting down the canes in spring. Crimson.

Cregg. We grow this for those who like our native black raspberries. This is an improved sort, and prolific bearer.

Hansell. Medium size, bright crimson, firm; flavor fine; canes vigorous, hardy and productive. Earliest of all.

Thompson’s Early. Medium sized, red, vigorous and productive. Particularly desirable for its early ripening.

Turner. A very hardy sort, which makes it a great favorite with planters. Red, moderately firm, sweet and juicy, and of very good quality.

Rhubarb.

The Rhubarb likes a very deep, rich soil, and in planting plenty of manure should be used. The following sorts are all good.

Price per strong root, 25 cents.

Linnaeus

Prince Albert

Magnum bonum

Victoria

Strawberries.

For general cultivation, plants are best in beds. These should be four feet wide, and should contain three rows of plants. The two outside rows should be planted nine inches from the edges of the bed, and the inner one in the centre of it, with the plants fifteen inches from each other in the rows. All runners should be removed as soon as formed, as much more fruit of larger size will result from this practice. Beds should be renewed about every two years.

When winter has fairly set in, say towards the middle of December, a slight covering of well rotted manure is very beneficial.

What may be thought of a certain variety of strawberry depends very much on soil and situation. Still some are nearly always good, and as such we would name, Sharpless, Capt. Jack, Cumberland, Chas. Downing, Bubach and Jas. Vick.

Price, ordinary runners, $1.00 per 100.

Atlantic

Captain Jack

Cumberland Triumph

Jersey Queen

Longfellow

Sharpless

Bubach

Charles Downing

James Vick

Jewell

Parry
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(See description on page vi.)