## SHORT HINTS

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DIRECTIONS FOR PLANTING, 'i RAINING, AND PRUATVG
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## A GENERAL PRICED CATALOGLE OF HARDY

 FOREST TREES, SHRUNS, \&KC.$\qquad$ 4-2018 BY AIEXANDER FORPEK,
Gardener at Levens to the HION. CuL. F. S. Howsun, MJ. P.

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## SHORT HINTS

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CONTAINING<br>directions for PLANTING, TRAINING, AND PRUNING FRUIT AND FOREST TREES, SHRUBS \& FLOWERS.

TO WHICH IS ADDED,


AND
A GENERAL PRICED CATALOGUE OF HARDY
FOREST TREES, SHRUBS, \&c.

> BY ALEXANDER FORBES,

Gardener at Levens to the Hon. CoL. F. G. Howard, M. P.

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## ADVERTISEMENT.

The Author begs to observe, that the Volume he now lays beforc the Public is the substance of observations and remarks which were noted down during an experience of more than twenty years in the best Gardens in various parts of south and north Britain: these remarks were originally intended merely for his own perusal as a book of occasional reference for the assistance of his memory : he has, however, at length been induced, by the advice of several Gardeners, (whose well-known scientific skill in their profession, give additional importance to their approbation, )to publish the substance of his notes and observations in a condensed form:-he now endeavours to comply with that request ; but the Public alone must determine how far his labours are worthy of patronage.

He ventures, however, to express his confidence that this volume will be found, not only a useful guide and directory to the practised Gardener, but a pleasing and instructive companion to those Ladies and Gentlemen who take pleasure in the embellishment of their Gardens and Pleasure Grounds.

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## FOREST TREES.

Ash, Beech, Birch, Chesnut, Elm, Fir, Lime, Maple, Oak, Plane, Puplar, Sycamore, Walnut, ought not to be planted in a shrubbery, except such as are extensive, and at a tolerable distance from the dwelling-house; neither should any of those trees be planted nearer than fifty yards to the garden wall. Hornbeam, Yew, and Holly may be planted among the larger shrubs, to screen a stable-yard or any other offensive object. The common Laurel and Holly thrive tolerably well under the drop of taller trees; and in winter make a pleasant contrast with the brown leaves of Beech and Hornbeam. This answers for a screening shelter, and may be lopped and pruned to any height, at pleasure.

The following is a list of such forest trees as make the best appearance when planted single, or in groups, in corners of fields, or dispersed in parks and extensive pleasure grounds:-Ash, Beech, Chesnut, Elm, Lime, Maple, Oak, are, of all others, the

Best. Plane tree or Sycamore is adapted for cold and bleak situations; and seldom has what is termed a weeuther side, though planted and growing in the most exposed situations ; it is also an ornamental tree, but indicates autumn too soon to be planted near the dwelling-house. Walnut is a very pleasant and useful tree, but requires good soil and situation, in order to thrive well.

On bogey grounds, Athenian woollyleaved Abele Asp Poplars, and Alder; though with little trouble any of the first class of forest trees may be encouraged to thrive on swampy places, by taking off the sod or top about three feet deep, and four feet square, where you wish to plant a tree. Then about a cart load of stones, such as are gathered from clover fields, should be put in the bottom of the pit; and over the stones, one cart load of good mould, from a head land or compost heap, which has been laid up for that purpose. Let the tree be planted therein, and the sod or top which was taken off at first will be useful in forming a bank round the tree, to keep the soil from falling or washing from its roots. Some flat stomes laid upon the top of the earth, round the stem, will help to steady the plant, until it establish new roots.

Red tough clay is unfavorable to the growth of trees; and toobviate this difficulty, a shallow pit may be made, and a bank formed round the margin: if the bottom of the pit should prove wet, be careful to put stones in before the mould; and it is a precaution always to be observed, not to plant any tree whatsoever too deep, even on the best land.

A single ancient Fir has a very romantic and venerable appearance; and an old spreading Yew, in a situation where nature or accident has planted it, adds much to the beauty of a landscape; but will not acknowledge any obligation to the fostering care of the gardener.

Single trees add much to the grandeur of farm lands: a very great improvement in the general aspect of the country would take place if farmers and owners of estates would plant an oak, or set an acorn, here and there, as they go along their hedgerows; and refrain from that barbarous practice of lopping and haggling the branches from their trees indiscriminately. A Pollard Ash does not look amiss when partially thinned, leaving about a third part of the youngest branches, and using a hand-saw instead of the clumsy axe.

Returning from the forest and farmers' fields to the landlords' pleasure grounds, a great variety of ornamental trees and tall shrubs attract our notice. Such as Accacia, Bird Cherry, Black Cherry, Elder, variegated Holly, Laburnum, Laurel, Maple, double-flowering Thorns, Snowball Geulderose, Quinces, Mulberries, Medlar, \&c. \&c.

A very beautiful variety of those trees and shrubs, is produced by grafting, by nurserymen; and are sold at various prices according to the general catalogue. They may be planted either single or in little groves, on grass-lawns; and some of the most elegant may be introduced nearer the windows of the dwelling-house.

No pains ought to be spared in securing single trees, whether they are meant for ornament or use; otherwise disappointment will follow, and the planter will have the mortification to find that his labor has been in vain.

The best and most simple method of securing young trees, in orchards or in grasslawns, where they are liable to be damaged by hares, \&c., is to tie a wreath of briers or sloe-thorns gently round the stem.-The
manner of performing this operation is as follows:-one person must hold the thorns with the brush end upwards, with both hands, at the height required, while another person binds them gently with tarry-spun yarn, or willow-wands. Another brush must be placed immediately below, and tied as before, until you come to the ground. Two men can secure many trees in a short time; and this may be so neatly performed, as not to be any eye-sore, even in pleasure grounds.

Young trees, when planted, should not be more than six or eight feet high : attention should be paid to the roots; and the stem should be well-grown: those which are tall and slender should always be rejected, as they never make hardy or thriving trees.

## TRAINING AND PRUNING.

In forest trees it is only necessary to observe to cut out, while young, all awkward shoots, such as grow across, or take an upright direction; and thus robbing the principal leader of its due share of nourishment. All such luxuriant shoots ought to be either cut entirely from the tree; os
shortened near a joint, leaving one of its feathers for the future branch. But if any of those shoots are wanted to fill a bare side in a tree, it may, whilst it is young, be tied downwards to its mother stem with a strand of bass-mat: this in the course of one season, stops the luxuriant growth, and gives it a horizontal direction. All upright branches are the most liable to be torn away by high winds; therefore they should be carefully watched in all kinds of trees, and cut off when they are young.

The same method answers for orchard trees: they should be trained as they advance in growth, with regular light tops, displacing all awkward shoots before they get to be two years old.

In seasons like 1816, when the frosty nights began to be severe in September, the young shoots of many trees, particularly orchard trees, were frosted before the wood had time to harden. A very disagrecable appearance was exhibited the season following, the young shoots being all killed: when this occurs, it not only destroys the appearance of the trees, but is injurious in producing the canker. The best method in this case is the following:-as soon as the fruit is gathered, before the fall of
the leaf, when the decayed parts begin to appear let two men go into the orchard, prepared with a proper step-ladder, a pair of handy snap-shears, and a long light pole, with an iron hook fixed at the small end, and covered with leather that it may not hurt the bark;-with this staff one person stands upon the ground and with his hook reaches the branches and holds them gently to the person in the step-ladder, who, with his snap-shears lops the decayed ends near a joint. It is better to cut some inches from the sound wood than to leave any of the damaged parts upon the branches. This operation is casily performed, and is certainly worth the trouble, were it only for the look of the orchard.

## SHRUBBERIES.

The beauty of shrubberies depends upon laying out the ground tastefully, and planting the shrubs properly, according to the various sizes, \&c.

It is the situation of places that guides the laying out of grounds to the best advantage; and a judicious person ought to be consulted when that is to be performed, as much of the grandeur and future appear-
ance of a place depends upon the first planning and planting.

From the monthly list of shrubs, where their proportionate size, \&c. is to be seen, it will be easy to select and plant with judgment, according to rule and good order. Begin planting with the tallest in the back ground, and let the next in size follow, and so on to the least class, which will be chiefly roses, \&c. next to the walk.

To offer a fixed space for the distance to be allotted between each shrub, would be needless here, as that depends upon the nature and space of ground laid out for that purpose, as well as the selection of the plants. Therefore all that can be said on the subject is, not to crowd the plants too close, and to make the variety as pleasing as possible.

## PRUNING \& TRAINING SHRUBS.

The greatest part of our beautiful shrubs ought to be trained on single stems. Laurels, (Portugal and common), have a grand appearance when trained and pruned in this manner, with light tops, something resembling large orange trees, when in lit-
the groves, or mixed in the shrubbery: Every shrub, according to its disposition, or manner of growth and size, ought to be trained on single stems, and pruned with a sharp knife, cutting clean and close, so that the stump of the branch may not be observed, nor any unpleasant roughness remain. It is entirely inconsistent with the true method of improved modern English Gardening when all shrubs are indiscriminately treated alike-clipped round with a pair of shears, and sitting upon the ground like hay-cocks. The only tool required is a good pruning knife, which must be used with judiciousness and care.

Clusters of Hollyhocks, and some of the taller herbaceous plants, such as the Bee Larkspur, Perennial Sun Flowers, Rudbeckias, Monk's Hood, Golden Rod, Asters, or Starworts, commonly called Michaelmas Daisies, Wall Flowers, Scarlet Lychness, Sweet William, Iris, or Flower de Luce, with many other beautiful flowering plants, may be planted promiscuously in shrubberies, and will add greatly to the liveliness of the borders in August and September, when very few shrubs are in blossom.

Persons who wish to keep a collection of native or indigenous plants, should allot a
piece of ground for that purpose, and let such plants be kept together in one place. In this manner they have a good effect, if the specimens are nicely arranged. But when native plants are mixed among the exotics they have the appearance of weeds.

## HURDLE

For preserving single trees in Parks or
Pastures.

This IHurdle has a sexangular form:-the first figure represents the whole when put round the tree: the sccond figure, with a tree in the centre, is a section of the first. The perpendicular supporters next the tree may be made a foot high-those on the outside of the Hurdle two feet high. The defending bars (as represented in figure 1.) should be about three feet long: their projection on the outside should not be uniform, but every second bar should project six or eight inches beyond the intermediate one; and they should be sufficienly rank to prevent cattle from approaching between them to injure the tree. The points should be made sharp. This Hurde may be made in a rustic style, of planed and painted wood, or of cast iron. Very

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durable bars may be made from the staves of old casks, cases, \&c., at a very tritling expense. It is unnecessary to offer any remark as to the manner of fixing the Hurdle, or to give a scale of its proportionate parts: its size will vary according to the size of the tree, and other circumstances, which will easily guide a person of common ingenuity to the adoption of the best plan.


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## DAHLIA.

A short Treatise on the management of the Dahlia, for bringing the flowers to perfection in the Midland Conties and North Britain.

The Dahlia is deservedly a much-admired Perennial,-said to be a native of Mexico; and according to the Linnæan system, arc 2
ranged in the second order of the nineteenth class, (syngenesia superfiua). The grand variety of the flowers of this plant add much brilliancy to our pleasure grounds; therefore to such persons as may not be acquainted with the management of the roots, \&c., I will lay down the manner in which I have been successful, and have had the best early show of fine flowers.When the plant is to be raised from seed, it must be sown in March, in pots of fine vegetable mould; the pots are then to be set in a moderate hot-bed, watered, and treated the same as Balsams, \&c. Divide the seedlings when about two inches grown, into small pots, putting one seedling into each; then return them into the hot-bed until they are sufficiently strong, and the weather mild and settled for transplanting them into the open ground. They require a rich, open, butsheltered situation. Cover the plants with small bell or hand-glasses, until they are sufficiently rooted, observing to water them regularly if the weather should prove dry.-If the plants are strong enough, plant them out towards the latter end of May.-They will flower in September and October the same season.

The second week in April (should the weather prove favorable) is the best time
for re-planting the old roots, which must be laid up in sand during winter. The plants. should be sheltered from frost and much wet, as those, will be apt to destroy them. At the first period, a cover made of wood and oil-paper, answers well for that purpose, which may be made in the form of a handglass. Continue to cover the plants in the night time, until June. The Dahlia is a very luxuriant growing plant, and requires to be frequently watered during the heat and drought of summer. The first frosty night destroys its beauty and vigor; therefore no pains ought to be spared in order to bring it to tlower as early as possible.

1 have had the Dahlia llowering in great perfection, from the middle of July, until the latter end of October, at Levens Gardens, Westmorland.

The soil which answers best, is a rich compost of very rotten old hot-bed dung, and fine mellow vegetable mould, mixed. with about a sixth part of sea sand.

## Digging up and Preserving the roots during winter.

As soon as the first frosty night has destroyed the flowers of the Dahlia, (which it never fails to do), let the stems be cut
down to the ground; and on a dry day the roots must be dug up carefully, being of a tender texture. When the roots are dug up, they are to be carried into a dry airy shade, and there spread to dry a few days; then pack them in boxes of dry sand; or if the roots are so large that you cannot conveniently have them in boxes, they may be packed up in a corner near the greenhouse stove, or in any dry place secure from frost. Be sure to have a sufficient quantity of very dry pit or drift sand, to pack among the roots, whether in boxes or in the corner of a shade. The same treatment answers for the beautiful variety of the plant called Marvel of Peru.

The Dahlia may be introduced into the shrubbery with great advantage in grand clusters on a south and sheltered side. When planting for this purpose, dig a pit and bring some of the aforesaid compost and plant therein. The roots, for the first three years from the seedling, should be kept entire; afterwards divide the cluster into two or four parts, according to its size. When they are set in the pit, (before the compost is put round them), fix three short sticks in a triangular form round the root, where it is meant to put the strong stakes afterwards, to tie the stems up as

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they advance. The first, or short stakes, are merely to mark where the larger are meant to be driven into the ground when wanted; otherwise there would be danger of injuring the plants. Three stakes, five feet long, will be necessary for every cluster or large root: they must be tied round from stake to stake, with soft tarry spunyarn, or strong double strands of bass-mat. Hollyhocks, \&c. should be tied up in the same manner.

The roots of the Dahlia are said to be nutricious and wholesome; and the French gardeners enumerate them among their kitchen as well as their ornamental plants. In England, it is cultivated solely as an ornament to the flower garden.

## GREENHOUSE PLANTS.

It would be a very neat and not expensive improvement, to have a number of co-ver-pots of various sizes, according to the extent of the collection of plants required to furnish the stages.

The flower-pots which I wish to recommend are made at the potteries. They are of the same materials as the common pots,
but the colour and shape are different: instead of red or brick colour, free-stone colour, which has a much neater appearance.

The common pots, with the plants in them, may be put within the clean pots; and when the plants are taken out in order to be plunged in the borders of the flower-garden, the common pot is easily taken from the covered one, which is always to be kept clean.

Covers are made for these pots of the same materials, in the form of shallow saucers, in two pieces, a place being left in the centre for the stem of the plant, and small holes to fix the sticks for tying them up, as well as for admitting water to the roots of the plants.

Those pots are very neat when odoriferous and grand tlowering plants are placed round the doors, porticos, colonades, windows, \&c.;-and besides the neatness, they are of great benefit to the plants, by keeping the roots more cool, when exposed to the scorching rays of the sun, during the heat of summer.

Every person acquainted with the ar-

$1 \mathrm{~g} \cdot 2$ for Dwat Orange Trees, Camellio Taponica fer
3 for Heliotropizems, Geraniums ge.
4 \& 5 for Hbacinths, Tutips Goc.
ranging of Greenhouse Plants, knows the difficulty in placing them to adrantage, as it very frequently happens that the plants and pots will not range according to their propersizc. Lesser pots, having tall plants growing in them, must of course be placed among large pots. The plants and not the pots are generally considered: therefore, by keeping a sufficient number of case-pots, you will be able to put the whole in the neatest order, by putting the common pot with the plant in it, within the cover or clean one: if it should be too large press a little moss between to hold it firm.

## THE FLOWER GARDEN.

Many and various are the designs for laying out flower gardens, as persons for the most part choose devices and forms, according to their taste and fancy. The plans laid down here (see plates) are only, by way of example, to give some idea for the direction of the ingenious mind to the adoption of a better method, according to system ; because without good order in this department, whatever the form or ingenuity in laying out and dividing the ground may be, it cannot give the desired gratifi-
cation, unless a beautiful and regular succession of the choicest flowers is continued during the season. In order to obtain this delightful arrangement, when laying out or dividing any space of ground for that purpose, observe to make the division commodious where the larger plants are to be cultivated: though it ought at all times to be remembered, not to make any bed or plat broader than a person can conveniently reach to gather the flowers without stepping on the soil, which ought to be frequently stirred and raked neatly.

I am friendly to the fashion of laying out flower gardens on grass lawns, surrounded with a shrubbery of the choicest species, and at proper distances, clusters of Hollyhocks, Dahlias, Delphiniums or Bee-Larkspurs, Heleanthemums or perennial Sun Flowers, Rudbeckias, Solidagos or Golden Rods, Starry Asters or Michaelmas Daisies, \&e.; those may be placed promiscuously in the fore-ground of the shrubbery. Walks should judiciously intersect the plantings, in such manner as to lead to the most advantageous points for viewing the flower garden and pleasure grounds. Plate II. is a specimen for laying out a flower garden on grass, either with or without Box edging round the beds.

Plate. 1.


## PLATE FIRST.

Bed First.-Dwarf Rododendrons, Kalmia Glanca, Daphne Cneorum, Gaultheria Procumbens, Empetrum Nigrum, Vaccinium Venestum, Arbutus Alpina, Dwart Rose-de-meaux, $\mathbb{E c} \cdot$, with patches of Double Snow Drops, Crocus of sorts, Single Anemonies of sorts, Gentianella, Lady's Slipper, Fly Orchis, \&c.

Bed Second.-Andromeda Pulverulenta, Andromeda Polifolia, Kalmia Hirsuta, Erica Dabeocia, Erica Cinerea, Erica Vagans, Velvet Roses, with patches of Double Snow Drops, Crocus of sorts, Anemonies of sorts, Primrose of sorts, Gentianella, \&c.

Bed Third.-Daphne Pontica, Ledum Decumbens, Erica Merbacea, Erica Muitiflora, Erica Stricta, Erica Vulgaris Pleno, Sc., Celestial Double Marbled Scoteh Roses, \&c., with patches of Double Snow Drops, Crocus of sorts, Anemonies of sort-, American Cowslip, Calathian Violet, \&e.

Bed Fourlh.-Andromeda Racemosa, Kalmia Angustifolia, Erica Mediterrania, Erica Australis, \&c., Rose Pompone, Proliferous Carmine, White Province, \&c., Cistus Anglicus, Cistus Rosecus, Stipa PenD 2
nata or Feather Grass, \&e.-Observe :It is not meant that no other variety of plants than what is here named is to be introduced : many others may be selected, remembering not to mix or crowd any larger size of growth, than those specified in each bed or division.

Bed Fiflle.-Pinks of sorts.
Bed Sixth.-Ranunculus of sorts.
Bed Seventh.-Hyacinths of sorts.
Bed Eighth.-Piquettees of sorts.
Bed Ninth.-Sweet Williams of choice sorts, \&c.

Bed Tenth.-A nemonies of choice sorts, \&c.

Bed Eleventh.-Gladiolus and Jonquills of sorts, \&c.

Bed Treelfih.-Carnations of sorts, \&c.
Bed Thirleenth.-Rododendron Dauricum, Ledum Buxifolium, Azalea Calendulacea, Azalea Pontica, and Coccinia; Hybuscus, Syriacus, \&c.; with choice roses.

Bed Fourteenth.-Cheloneas of sorts, Polyanthus, Narcissus of sorts, Double Wall Fiowers, and Stoeks of sorts, Peremial Lupins Squills, Alpine Thistles, Asphodel of sorts, Amaryllis Belladoma, and Lutea, Bupthalmum Helianthoides, Coreopsis Triopteris, Phlox, \&c.

Bed Fiflecnilh.-Arbutus Subra (trained to about four feet high, on a simele stem, in the centre), Auricula of sorts, \&e.

Bed Sixteenth.-Arbutus Andrachne (trained to about four feet high, on a single stem, in the centre), Hepatica of sorts.

Bed Seventeeth.-Delphinium Grandiflorum, Lilium Superbum, Iris of sorts, Rockets, Scarlet Lychnis, \&c.

Bed Eighteenth.-Rododendron Ferugininm, Ledum Odoratum, A zalea Rubra and Odorata, Kalmia Angustifolia, Hibuscus Syriacus, with choice Roses, and Jesmine, de.

Bed Nineteenth.--Delphinium Staphiszgria, Hemerocallis Flava, A conitum, Cammarum, Convallaria Latifolia, Asphocielus Lutea, and Ramosum, Campanulas, and Veronicas of sorts, \&c.

Bed Twentieth.-Kalmia Latifolia (in the centre), and choice Roses.

Bed Twenty-first.-Kalmia Latifolia (in the centre), and choice roses.

Bed Twenty-second.-Delphinium Puniceum, Hemerocallis Cœrulea, Pieonia Albiflora and Anomala, Antirrhinum of sorts, Sweet Scabious, and Veronica of sorts.

Bed Twenty-third.--Rododendron Ponticum and Hirsutum; Azalea Salicifolia, and Præcox, Hibuscus Syriacus, with choice Roses, Jesmine, \&c.

Bed Twenty-fourth.-Aconitum Napellus, Papaver Orientalis, Monarda Didyma, Ranunculus Plantanifolius, Tradescantia Virginiaca, Saxifraga Cordata, and Iris of sorts, \&c.

Bed Twenty-fifth.-Arbutus Longifolia (trained in the centre, on a single stem, to about three feet high, with a nice light top), Polyanthus, and Primroses of sorts.

Bed Twenty-sixth.-Arbutus Rubra (trained in the centre, on a single stem, to about three feet high, with a nice light
top), Gentianella, and large double Daisies.
Bed Twenty-seventh.-Aconitum Alba and Variegata, Actrea, Spicata Campanulas of sorts, Catananche Cœrulea, Lilium of sorts, Iris and $\mathbf{N}$ arcissus of sorts, Papaver Orientalis, Veronica of sorts, Double Wall Flower, Stocks, \&c.

Bed Twenty - eighth.-Rododendron Maximum, Kalmia Latifolia, Azalea Rubra and Tomentosa, Hibuscus Syriacus of sorts, with choice Roses, Jesmine, \&c.

Bed Twenty-ninth.-Dahlia of choice colors.

Bed Thirtieth.-Fritillary of sorts.
Bed Thirty-first.-Kalmia Latifolia, (trained in the centre) choice Roses.

Bed Thirty-second.-Kalmia Latifolia, (trained in the centre) choice Roses.

Bed Thirty-third.-Delphinium Azureum and Intermedium, Spirea Philpendula Flore Pleno, Aquiligia var., Melissa Grandiflora, Monarda Didyma, Orobus Lathyroides, Narsissus, \&c., of sorts.

Bed Thirty-fourth.-Delphinium Tricorne Lilium Candidum and Aurantium, Persian Iris of sorts, Scarlet Lyches, Rosecampion, Rockets of sorts, \& ce.

Bed Thirly-fifth.-Martagon Lilies of sorts.

Bed Thirly-sixth.-Dahlia of choice colors.

Bed Thirly-seventh. -Dahlia of choice colors.

Bed Thirfy-eighth.-Iris of choice sorts.
Bed Thirty-ainth.-Tulips of choice sorts.

Bed Fortieth.-Dahlia of choice colors.
In order to know satisfactorily what is planted, and where to look for each plant, prepare a sufficient quantity of number sticks, and mark as follows:-(for instance take bed Thirteenth)

| Nos. | Nos. |
| :--- | :--- |
| 1 Rododendron Dauricum, | 4 Azalea Pontica, |
| 2 Ledum Buxifolium, | 5 Azalea Coccinia, |
| 3 Azalea Calendulacea, | 6 Hybuscus Syriacus, |

Persons having the advantage and convenience of a good greenhouse, with foreing frames, will be able to keep up the most beautiful succession of brilliant and odoriferous flowers. During the summer months, Geraniums, Heliotropiums, Balm of Gileati, Fuchsia Coccinia, Verbena trifilla, de., turned out of small pots, and plunged into the beds of the flower garden, will thrive and have a good effect. The Lobelia Fulgens to succeed, when the Tulips have done flowering and the roots are dug up. Balsams, Amaranthus of sorts, African and French Marigolds, China Asters of sorts, Scarlet, Purple, and White Ten Week Stocks, Convol vulus major and minor, \&e., to succeed on the other vacant beds, where the Jonquils Anemonies, Ranunculus, Fritillaries, Hyacinths, de. have done flowering. The bulbous roots being previously dug up, and the beds prepared, by adding and mixing a little mellow Compost. The Annuals here enumerated may be transplanted in the hottest months. If reared in a glass frame, upon a slender hot bed, and divided at the proper period. Three seedlings may be put into each small pot, until they are well-rooted, and sufficiently strong to be transplanted into the open ground. This is by far the best method for raising and transplanting tender Annu-
als, and certainly well repays the requisite pains and trouble.

Keeping the different plantstied up nicely as their stems advance in growth adds much to the neatness of the flower garden.

Though a volume might be filled with a rotationary system and rules for managing the flower garden, what I have inserted may suffice to form the idea.

## COMPOST.

Of Compost heaps which ought to be prepared and kept in reserve for the purpose of refreshing the divisions of the flower garden.

For the shrubs generally termed American Plants, good bog earth one half, the mould of decayed tree leaves one fourth, fine rich vegetable soil one fourth, those must be well mixed and incorporated together, by frequent turning and chopping with the spade for a twelve month at least before it is used. All kinds of bulbousrooted plants thrive well in this compost.

For plants in general, the mould of de-
cayed leares, half-burnt sods from any waste or common, vegetable soil, with a third share of neat's dung; those should be turned and chopped from time to time, for two years before it is used.

Vegetable soil alone agrees with the most part of plants, trees, and shrubs.

Whatever the nature of the compost may be, it should be well mixed previous to its being wanted or used. Raw composts and hot manures are prejudicial to the roots of all kinds of trees and shrubs.

Covering the compost heaps with stable dung, or the short grass mowings from lawns, \&c., will keep down the weeds, hasten the ripening, and improve the quality of the soil.

The following is a good method for preparing beds for Pinks, Carnations, Ranunculus, and Anemonies:- Wherethe ground is cankery, and subject to the wire-worm, let the old earth be dug up fifteen inches deep, and wheeled to a convenient place, where it may be laid up in narrow ridges: a quantity of brush wood and leaves must then be collected and burued on the top of the ridges; but the fire should be checked E 2
from bursting into a flame, by continually covering it with wet leaves, rotten grass, \&c., until the whole is consumed. While the ashes are hot, mix it up with the earth in one ridge, and in this state it may remain a few days. When it is to be used and brought back to the beds, break the clods, and throw it through a coarse screen, at the same time adding a sixth part of good bog earth: but before the prepared earth is brought back, a layer of decayed lime must be put three inches thick into the bottom of each bed; old rough cast, or that from ceilings, is preferable: but if lime-rubbish is not at hand, sea-coal ashes may be taken in lieu.

Dress the surface of the Carnation and Pink beds occasionally with fine rich vegetable soil.


## 29

## January.

## SHRUBS EVERGREEN.

Linnean namc. English name. flower. ft. native. class. ord.

Ruscus
1 aculeatus
Daphne
1 laureola

Butcher's Broom
prickley
Daphee
spurge laurel mixed 3 Brit. 3

HERBACEOUS PLANTS.

Helleborvs
1 hyemalis
2 niger

Hellebore
winter-aconite white 1 Austria 13 \% christmas-rose white 1 Austria 13

## February.

## FOREST TREES.

(The Forest Trees marked with a Star are Evergreen.)

| Taxus | Iew Tree |
| :---: | ---: |
| 1 baccata* | common |$\quad$ mixed 20 Brit. 2212

## March.

## FOREST TREES.

| Pinus | Pine (Fir) |  |  |  |  |  |
| :---: | :---: | :--- | :--- | :--- | :--- | :--- |
| l larix | larch common | red | 70 Alps | 21 | 8 |  |
| Populus | Poplar. |  |  |  |  |  |
| 1 alba | white | mixed | 80 | Brit. | 22 | 7 |
| 2 nigra | black | mixed | 70 | Brit. | 22 | 7 |
| 3 angulata | angular | mixed | 60 Carol. | 22 | 7 |  |

## FOREST TREES.



| Corylus avelana | Hazel common | red | 16 Brit. | 21 |
| :---: | :---: | :---: | :---: | :---: |
| Daphne | Daphne |  |  |  |
| 1 mezereum | mezereon | mixed | 4 Brit. | 8 |
|  | HRUBS | RE |  | , |



## herbaceous plants (Perennial).

Crocus Crocus
1 vernis
2 susianus
Cynoglossuar 1 omphalodes

Hound's Tongue.
comfrey-leaved blue 6 in . S.Eur. $5 \quad 1$
Garanthus Snow Drop
1 nivalis
Melleborus 1 viridis
Hepatica 1 anemone
Inis
1 persica
common
white 6 in . Brit. $\quad 6 \quad 1$
Hellebore green
Hepatica
common purple 6 in . Switz. $13 \quad 7$
Iris, or Flower de Luce
Persian mixed 1 Persia 31
Leucojum 1 vernus
Narcissus 1 pseudo

Snowflake spring
Daffodil
common yellow 1 Brit. 6. 1

| I, inhain namie. | English name. | fower. ft. native. class. orito |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Narcissus | Daffodil |  |  |  |  |  |
| 2 albus | white | white |  | Spain | 6 | 1 |
| 3 calinthus | doubl | yellow |  | S. Eur. | 6 |  |
| 4 tarzette | polyanthus | yellow | 1 | Spain | 6 | 1 |
| 5 jonquila | jonquil | yellow |  | Spain | 6 | . |
| Saxifinga | Saxifrage |  |  |  |  |  |
| 1 crassifolia | thick-leaved | blue |  | Siberia | 10 | 2 |
| 2 cordifolia | heart-leaved | mixed |  | Siberia | 10 | 2 |
| Scilla | Squile Siberian | blue |  | beria | 6 |  |

## April.

## FOREST TREES.

Acer
1 negundo
2 montanum
Crategus 1 coccinia
Fagus
1 sylvatica
Juglans
1 regia
Pinus
1 rubra*
2 abies*
3 strobus*
Platamus
1 orientalis
Prunus
1 padus
Robinia

- 1 spinosa

Maple
ash-leaved mountain
Thorin
Beech
common
Walnut common
Pine (Fir). red spruce Norway spruce Weymouth
Planetree oriental
Birdcherry tree
Robinia thorny
scarlet-fruited mixed 15 N.Am. 122
mixed 16 N.Am. $23 \quad 1$ mixed 15 N.Am. 231
mixed 70 Brit. 217
white 60 Persia 217
mixed 70 H. Bay $21 \quad 8$
mixed 70 N.Eur. $21 \quad 8$
mixed 70 N.Am. 218
mixed 50 Levant 217
white 25 Siberia 121
white 30 Siberia 17

SHRUBS DECIDUOUS.
Mespilus Mespilus
1 canadensis
nnowy
white 8 N.Am. 12

| Limmean name. | English name. | fiower ft. nutive. class. ord. |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Syringa | Lilac |  |  |  |  |
| 1 vulgaris | common | purple | 8 Persia | 2 | 1 |
| 2 alba | white | white | 8 Persia |  | 1 |
| 3 persica | Persian | purple | 4 Persia | 2 | 1 |
| 4 chinensis | Chinese | purple | 4 China | 2 | 1 |

SHRUBS EVERGREEN.


SHRUBS CLIMBERS.

Lonicera
1 alpigena
2 cerrulea

Honeysuckle
yellow-berried blue-berried
white red
cl. Switz. 51
cl. Switz. 51

## herbaceous plants (Perennial).

| EMONE | Anemone |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1 ranunculoi | ranunculus | yellow 6 | in. Brit. | 13 |  |
| 2 hortensis | garden | mixed 6 | in. Italy | 13 |  |
| In great variety. |  |  |  |  |  |
| Lth | Marsh Marigold | yellow 7 in . B |  |  |  |
| 1 paltistrus | common |  |  | 13 |  |
| elphinium | Larkspur | blue |  |  |  |
| mitillaria | Fritill |  |  |  |  |
| 1 imperialis | crown-imperial | yellow | 2 Persia | 6 |  |
| 2 persica | Persian | orange | 2 Persia | 6 |  |
| 3 latifolia | broad-leaved | yellow | 3 S. Eur. | 6 |  |
| 4 obliqua | violet flowered | mixed | 2 S. Eur. | ${ }^{6}$ |  |
| 5 racemosa | clustered | yellow | 3 S. Eur. |  |  |

## 33

## herbaceous plants (Perennial).

| ncan | English name. | flowerr. ft. native. class. ord: |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Gentiana | Gentian |  |  |  |  |
| 1 verna | ring | blue | 4 in . Spain | 5 |  |
| 2 acaulis | gentianella | blue | 3 in . Alps | 5 |  |
| Hracinthus | Hyacinte |  |  |  |  |
| 1 cernuus | nodding | blue | 9 in . Spain | 6 |  |
| 2 orientalis | mmon | blue | 9 in . Levant |  |  |
| 3 muscari | musk | mixed | 6 in . Levan |  |  |
| 4 comosus | grape | purple | 4 in . S. Eur |  |  |
| 5 botryoides | blue grape | blue | 4 in. S. Eur. |  |  |
| 6 racemosus | cluster flowered | blue | 5 in . S. Eur. |  |  |
| Ik | Iris, or Flower de Luce |  |  |  |  |
| 1 pumila | dwarf | mixed | 1 Germ. | 3 |  |
| 2 lutescens | yellowish | yellow | 1 Germ. | 3 |  |
| 3 tuberosa | snake's head | mixed | 2 Levant | 3 |  |
| 4 biflora | two-flowered | blue | 2 S. Eur. | 3 |  |
| 5 verna | spring | blue | $2 \mathrm{~N} . \mathrm{Am}$. |  |  |
| Narcissus | Narcissus |  |  |  |  |
| 1 odorus | sweet | mixed | 1 Portug. | 6 |  |
| 2 bulbocodium | hoop-petti | mixed | 1 Portug. | 6 |  |
| 3 incomparabili | lis peerless | mixed | 1 Portug. | 6 |  |
| 4 sibthorpia | sibthorps | yellow | 1 Brit. | 6 |  |
| 5 poeticus | poets | mixed | 1 Brit. | 6 |  |
| imula | Primrose |  |  |  |  |
| 1 veris | cowslip | mised 6in. Brit. |  |  |  |
| 2 vulgar | common | yellow 6 in . Brit. |  |  |  |
| 3 elatior | oxlip | mixed 6 in. Brit. |  |  |  |
| 4 longifol | longleaved | mixed 6in. Brit. |  |  |  |
| 5 villosa | villous | mixed 6 in . Switz. |  |  |  |
| 6 nivalis | snowy | white 6 in . Dauria |  |  |  |
| 7 marginata | margined | mixed 6 in. Switz. |  |  |  |
| 8 auricula | auricula | mixed 6 | 6 in . Switz. | 5 |  |
| In great variety: |  |  |  |  |  |
| Polmonarta <br> 1 virginica | Lung Wort virginian | mixed 6 in. Virginia 5 |  |  |  |
| xifraga | Saxifrage |  |  |  |  |
| 1 unbr | London-pride | mixed 1 Brit. |  |  |  |
| clipa | Tulip |  |  |  |  |
| 1 sylvestris | single | yellow | 2 Brit. | 6 |  |
| 2 gesnerian | common | mixed | 2 Levant | 6 |  |

## May.

## FOREST 'TREES.

| Linnoan nameAcer | nglish name. | flower ft. native. class. ord |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Marle Tree |  |  |  |
| 1 campestre | commo | mixed 25 | Brit. 23 |  |
| 2 sacarinum | sugar | mixed 16 | N.Am. 23 |  |
| 3 platanoides | plane tree leaved | mixed 18 | Eur. 23 |  |
| 4 opalus | Italian | mixed 20 | Italy 23 |  |
| 5 mospensulanum | um montpeli | mixed 20 | S. Fr. ${ }^{23}$ |  |
| 6 creticum | cretan | mixed 15 | Levant 23 |  |
| 7 pensylvanicum | m striped ba | mixed 15 | N.Am. 23 |  |
| 8 tartaricum | tartarian | mixed 25 | Tartary 23 |  |
| 9 rubrum | scarl | mixed 25 | N.Am. 23 |  |
| 10 pseudo-platanu | nus sycamorc tree | xed 60 | Brit. |  |
| arpinus H | Hornbeam Tree |  |  |  |
| 1 betulus | com | mixed 25 | Brit. 21 |  |
| atagus | horn |  |  |  |
| 1 azarolus | azarole | white 16 | S. Eur. 12 |  |
| 2 crus-galli | cockspur | white 15 | N.Am. 12 |  |
| 3 odoratissima | sweet-scent | scarlet 15 | Crimea 12 |  |
| 4 oxycantha | hite thor | white 20 | Brit. 12 |  |
| 5 cordata | maple leav | white 15 | N.Am. 12 |  |
| nus | ne (Fir) |  |  |  |
| 1 pinea* | stone | mixed 50 | S. Eur. 21 |  |
| 9 cedrus* | cedar of Lebanon | n mixed 20 | Leb. 21 |  |
| 3 balsamea* | balm of gilead | mixed 80 | N.Am. 21 |  |
| 4 canaden | hemlock spruce | mixed 70 | N.Am. 21 |  |
| 5 nigra* | black spruce | mixed 50 | N.Am. 21 |  |
| 6 alba* | white spruce | mixed 40 | N.Am. 21 |  |
|  | silver fir | mixed 60 | Alps 21 |  |
| 3 pinaster** | cluster | mixed 50 | S. Eur. 21 |  |
| 9 sylvestris | scotch fir | mixed 80 | Brit. 21 |  |

## SHRUBS DECIDUOUS.

Cytisus
1 laburnum
Colutea
1 pocockii
Cupressus
1 disticha

Cytisus
laburnum yellow 10 Austria 17,3
Bladder Senna
pocock's
Cxpress
deciduous
mixed 7 Levant $17 \quad 3$
mixed 10 N,Am. 218

## 35

## SHRUBS DECIDUOUS.

| İinncan name. | English name. | glower. flo native cluss, ordz |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Salix | Willow |  |  |  |  |  |
| 1 amygdali | almond-leaved | mixed | 10 | Brit. |  |  |
| Sisisuria | Salisburta |  |  |  |  |  |
| Salisboriantifolia | maid.-hair.lcavedmix |  |  |  |  |  |
| dunum | Viburnum |  |  |  |  |  |
| 1 opulus | gelder rose | white | 10 | istit. |  |  |
| 2 lantanoides | large flowered | white | 10 |  |  |  |

## SHRUBS EVERGREEN.

Aspromeda
1 axillaris
Arbutus 1 alpina
Cuphessus 1 sempervirens
Jumiperus 1 virginiana
2 sabina
Kalmia
1 glauca
Ledum
1 palustre
2 decumbens
3 latifolia
Mespilus
1 pyracantha
Peuxus
lauro-cerassus
Rododendron
1 feriginum
2 hirsutum
3 ponticum

Andromeda
notch-leaved mixed 6 Carol. 10 I Strawberry Tree trailing white tr. Brit. 10 I
Cypress common mixed 10 Crete 21 a

## Cedar

 virginian or red mised 10 Crete $22 \quad 12$ savin mixed 5 S. Eur. 2212Kalmia glaucous mixed 2 N.Am. 10 I
Ledun marsh dwarf labrador tea mixed 3 Amer. 101
Mespilus evergreen thorn white 6 S. Eur. 124
Ciferry Tree common laurel white 10 Levant 12 I Rose Bay

| rusty-leaved | mixed | 5 | Switz. | 10 | 1 |
| :--- | :--- | :--- | :--- | :--- | :--- |
| hairy | red | 3 | Amer. | 10 | 1 |
| purple | purple | 6 | Gibral. 10 | 1 |  |

## HERBACEOUS PLANTS (Perennial).

## Aconitum

1 napellus Aquilegia

1 vulgaris

Monk's Hood common
Columbine
common
blue 4 Europe 130 mixed 2 Brit. 13 与

## 36

## herbaceous Plants (Perennial).

| Linncean name. <br> Borago 1 orientalis | English name. | flower. ft. native. class. ordo |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Borage perennial | purple |  | Constan. 5 | 1 |
| Cimerantrues | Wall Flower |  |  |  |  |
| 1 chieri | yellow | yellow |  | Brit. 15 | 2 |
| 2 armeniacus | armenian | mixed |  | Arm. 15 | 2 |
| Cortusa 1 mathioli | Bear's Fiar (Sani broad-leaved | $\begin{aligned} & \text { YCLE } \\ & \text { red } \end{aligned}$ |  | Alps 5 |  |
| Fumaria | Fumitory |  |  |  |  |
| 1 formosa | red flowered | red |  | Canada 17 | 1 |
| 2 nobilis | large fowered | mixed | 1 | Siber. 17 |  |
| Pritillaria 1 pyrenaica | Fritillary pyrenian | raixed | 2 | Pyren. 6 | 1 |
| Hemoracalis | Day Lilly |  |  |  |  |
| 1 cerulea | blue flowered | blue |  | Japan | 1 |
| Hesteris | Rociet |  |  |  |  |
| 1 inodora | scentless | white |  | Prit. 15 | 2 |
| 2 matronalis | dame's violet | mixed | 1 | Brit. 15 | 2 |
| Melonias | Helonias |  |  |  |  |
| 1 bulata Hyacinthus | spear-leaved | mixe | 1 | N.Am | 3 |
| Hyacinthus 1 monstrosus | Hyacinth feathered | blue | 1 | S. Eur. | 1 |
| Iris | Inis, of Flower | i: Iuct |  |  |  |
| 1 susiana | chalcedonian | mised |  | Levant 3 | 1 |
| 2 florintina | Florentine | mixed | 2 | S. Eur. 3 | 1 |
| 3 germanica | purple flowered | purple | 2 | S. Eur. 3 | 1 |
| 4 variegata | variegated | mixed |  | Hung. : | 1 |
| 5 graminea | grass leaved | mixed | 1 | Austria 3 | 1 |
| 6 pallida | pale flowered | pale blue |  | Levant 3 | 1 |
| 7 tenuifolia | slender leaved | mixed |  | Daurica 3 | 1 |
| 8 cristata | crested | mixed | 2 | N.Am. 3 | 1 |
| Lamium | Archangel |  |  |  |  |
| 1 album | white | white |  | Brit. 14 | 1 |
| 2 purpureum | purple | purple |  | Brit. 14 |  |
| Lupinus | Lupine |  |  |  |  |
| 1 perennis | perennial | blue |  | N.Am. 17 | 3 |
| Phlox | Lychnidea |  |  |  |  |
| 1 glaberima | red flowered | red |  | N.Am 5 |  |
| 2 divaricata | early blue | blue |  | N.Am. |  |
| Potentilla | Cinquefoil |  |  |  |  |
| 1 aurea | golden | yellow |  | 1 Brit. |  |
| Primula | Primiose |  |  |  |  |
| 1 cortusoides | cortusa leaved | mixe |  | in. Siber. |  |

## 37

## herbaceous plants (Perennial).



## June.

## FOREST TREES.

Ceategus
1 pyrola
2 sanguinea
3 flava
4 punctata
Fagus
1 castanea
Mespulus
1 germanica
Quercus
1 gramuntia
2 suber

Thorn
pear leaved red yellow fruited large fruited

## Chesnut

Spanish
Medlar
common
ОАк
holly leaved cork tree
white 16 N.Am. $12 \quad 2$ mixed 16 N.Am. $12 \quad 2$ white 16 N.Am. $12 \quad 2$ white 16 N.Am. $12 \quad 2$
white 30 Spain 217
white 25 Brit. 124
mixed 50 S. Eur. 217 mixed ©0 S. Eur. 21

7

## 38

## SHRUBS DECIDUOUS.

Linnocan name. English name. flower. ft. native. class. ord.

Andromeda
1 mariana
Azalea
1 pontica
Cornus
1 sanguinea
2 alba
3 sericea
Mrpericuar 1 calvcineum
Ligustrum
1 vulgare
Rhus
1 radicans

Andromeda
oval leaved
Azalea
yellow flowered yellow 5 N.Am. 51
Dogwood common white berried blue berried
white 6 Brit. 41 white 6 N.Am. 41 white 6 N.Am. 41 Saint John Wort great flowered yellow 1 Greece 184 Pribet common white 5 Brit. 21
Sumach
upright poison oak white 5 N.Am. 53 Roses in the greatest profusion and variety.
Vaccinium Whorts
1 ameonum
2 venustum
3 frondosum
4 stamineum
Viburnum 1 lantana
broad leaved yellow 1 N.Am. 8 1 red twigged yellow 1 N.Am. $8 \quad 1$ obtuse leaved yellow 1 N.Am. 8 1 green wood yellow 1 N.Am. 81
Viburnum
wayfaring tree white 6 Brit. 53

## SHRUBS EVERGREEN.

Cistus
Rock Rose

1 marifolius
2 roseus
Erica
1 vulgaris
Ruscus
1 racemosus
Rododendron
Rose Bay
2 maximum
3 punetatum
Spartium
] multiflorum
marum
Heath large dotted
Broom Portugal
rose coloured common mixed 1 Brit. 8 l
Butcher's Broom
Alexandrian laurel mixed 2 Portug. $22 \quad 13$
yellow flow cred yellow 5 Siber. 10
mixed 7 N.Am. $10 \quad 1$ mixed 5 N.Am. $10 \quad 1$
white 5 Portug. 173

## SHRUBS CLIMBERS.

Ampelofsis Virgintan Creeper
1 quinquefolia fiveleaved ivy mixed cl. N.Am. 51

## SHRUBS CLIMBERS.

Linnean name. English name. flower. flo native. class. ord.
Clematis Virgin's Bower
1 virgiana Virginian blue cl. N.Am. 13 J
Lonicera
1 capria
Honeysucke
2 sempervirens
3 grata evergreen
4 dioica glaucous
red cl. Brit. $5 \mathbf{1}$ scarlet cl. N.Am. 51 mixed cl. N.Am. 51 whitish cl. N.Am. 51

## herbaceous plants.

Aconitum

1 cammarum \begin{tabular}{c}
Wolf's Bane <br>
purple

$\quad$

purple
\end{tabular} 4 Ger. $13 \quad 3$

Anemone
1 palmata
Asphodelus
1 luteus
2 ramosus
3 fistulosus
Centaurea
1 montana
Convallaria
1 latifolia
2 majalis
Delpitinium
1 elatum
2 exaltum
Dianthus
1 fragrans
2 barbatus
Digitalis
1 lutea
Dracena 1 borealis
Eryngium
1 alpina
Gentiana 1 purpurea
Hemoracallis 1 flava

Worme Anemone, or Wind Fiower palmated white 6 in. Portug. $13 \quad 7$
Aspiodel yellow yellow 4 Sicily 61 king's spear white 3 S. Eur. $6 \quad 1$ onion leaved white 2 S. Eur. 61 Centuary mountain blue 2 Austria 193
Solomon's Seat. broad leaved white 2 Grem. 61 lily of the valley white 4 in . Brit. $6 \quad 1$
Larkspur $\begin{array}{lllll}\text { Bee } & \text { purple } & 4 \text { Siber. } & 13 & \mathbf{3} \\ \text { American } & \text { blue } & \mathbf{5} & \text { N.Am. } 13 & \mathbf{3}\end{array}$
Pink fragrant mixed 1 Austria $10 \quad 2$ sweet William mixed 1 Germ. 101
In great beauty and variety.
Fox Glove small yellow yellow 2 S. Eur. $14 \quad 2$
Dracema oval leaved greenish 2 Canada $\mathbf{6}$
Eryago alpine
Gentian purple
Day Lily bright
blue 2 Switz. 52
purple 1 Alps $5 \quad 2$
yellow 3 Hung. 61

## herbaceous plants (Perenntal).

| Tinncean name. IRIS | nglish name. | flower. ft natvic. class. ordo |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Iris, or Flower de Iude |  |  |  |  |
| 1 lurida | dingy | mixed | 2 S. Eur. |  |  |
| 2 pseud'acorus | yellow | yellow | 3 Brit. | 3 |  |
| 3 versicolor | various colored | mixed | 3 N.Am. | 3 |  |
| 4 virginian | virginian | mixed | 3 N.Am. |  |  |
| 5 flexuosa | zig.zag | mixed | 2 Siber. | 3 |  |
| 6 squalens | crown flowered | mixed | 3 S. Eur. | 3 |  |
| 7 sambucina | elder scented | mixed | 3 S. Eur. |  |  |
| 8 chinensis | Chinese | mixed | 1 China | 3 |  |
| 9 xiphium | bulbous-rooted | mixed | 2 Spain |  |  |
| 10 xiphioides | English bulbous | mixe | 2 Eng. |  |  |
| Liliur tily |  |  |  |  |  |
| 1 chalcedonicum | m martagon | scarlet | 3 Levant |  |  |
| 2 martagon | martagon | purple | 3 Eur. | 6 |  |
| 3 bulbiferum | bulb bearing | mixed | 3 Italy | 6 |  |
| 4 superbum | great yellow | yellow | 4 N.Am. |  |  |
| 5 aurantium | orange | yellow | 5 Italy |  |  |
| 6 candidum | white | white | 4 Levant | 6 |  |
| Lychnis Lychisis |  |  |  |  |  |
| 1 chalcedonica | scarlet | scarlet | 2 Russia 1 |  |  |
| 2 flos-cuculi | ragged robin | mixed | 1 Brit. | 10 |  |
| 3 diurna | red flowered | red | 1 Brit. | 10 |  |
| 4 vespertina | white flowered | white | 1 Brit. 1 | 10 |  |
| Ophrys | Opheys |  |  |  |  |
| 1 lilifclia | lily leaved | mixed | 1 N.Am. 2 |  |  |
| 2 nidus-avis | bird's nest | mixed 61 | in. Brit 2 | 20 |  |
| 3 ovata | tway blade | green | Brit. | 20 |  |
| Ornithogalum Star of Bethlehem |  |  |  |  |  |
| 1 pyramidale | pyramidal | white | 1 S. Eur. |  |  |
| Orobes <br> 1 lathyroides | Bitter Vetch lathyrus | blueish | 1 Sibe | 17 |  |
| Pieonia Peony |  |  |  |  |  |
| 1 albiflora | white flowered | white | 2 Siber. | 13 |  |
| 2 anomala | jagged leaved | red | 2 Siber. 1 | 13 |  |
| 3 officinalis | officinal | red | 2 Switz. | 13 |  |
| Papaver Popy |  |  |  |  |  |
| 1 orientale | eastern | scarlet | 2 Levant 1 |  |  |
| 2 cambricum | Welch | low | 1 Br | 13 |  |
| Palox Lychnidea |  |  |  |  |  |
| 1 suavioleus | white flowered | white | 1 N.A |  |  |

## July.

## FOREST TREES.



## SHRUBS EVERGREEN.

| Aucuba | Aucuba |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1 japonica | blotch leaved | mixed | 5 Japan | 21 | 4 |
| Andromeda | Andromeda |  |  |  |  |
| 1 pulverulenta | powdered | mixed | 1 Amer. | 10 | 1 |
| 2 polifolia | wild rose mary | purple | 1 Brit. | 10 | 1 |
| Buxus | Box Tree |  |  |  |  |
| 1 balearicus | Minorca | yellow | 1 Min. | 21 | 4 |
| Gaultheria | Gaultheria |  |  |  |  |
| 1 procpmbens | procumbent | white | 1 N.Am |  |  |
| Kalmia | Kalmia |  |  |  |  |
| 1 latifolia | broad leaved | mixed | 5 Amer. | 10 |  |
| 2 angustifolia | narrow leaved | mixed | 3 Amer. | 10 |  |

## CLIMBING SHRUBS.

| Arist olochita 1 sipho | Birth Wort broad leaved | brown cl. N.Am. 20 |  |
| :---: | :---: | :---: | :---: |
| Bignonia Thumpet Flower |  |  |  |
| 1 sempervirens | evergreen | yellow cl. Virg. 14 |  |
| 2 capreolata | four leaved | mixed cl. N.Am. 14 |  |
| assiflora | Passion Flower |  |  |
| 1 corrulea | blue flowered | blue cl. Brazil 20 |  |
| All the | ve Climbers must h | ave a south aspect. |  |

## HERBACEOUS PLANTS.

| Linmean name. | English name. | flozer. ft. native. class. ord. |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Aconitum |  |  |  |  |  |
| 1 album | white | whitish 5 | 5 Ievant |  | 3 |
| 2 anthora | wholesome | sulphur | 3 Pyr. | 13 |  |
| 3 varregatum | variegated | mixed | 4 Ger. | 3 |  |
| 4 lycoctonum | great yellow | yellow | 5 S. Etur. |  |  |
| 5 pyrenaicum | long-spiked | yellow. | 4 S. Eur. |  | 3 |
| Actea Herb Chris |  |  |  |  |  |
| 1 spicata | baue berry | white | 4 Brit. |  |  |
| 2 racemosa | black snake root | str | 5 N.Am. |  |  |
| Arundo Reed Grass |  |  |  |  |  |
| 1 donax | manured | cream | 3 S. Eur. |  |  |
| 2 colarata | striped | ram | 3 Brit. |  |  |
| Campanula Belif Flow |  |  |  |  |  |
| 1 pyramidalis | pyramidal | blue | 4 Car. |  |  |
| 2 rotundifolia | round leaved | blue | Br |  |  |
| ysanthemum Chrysanthemum |  |  |  |  |  |
| 1 argenteum | silvery | white | 1 Levan |  |  |
| tananche <br> 1 corulea | atananche <br> blue | blu | $2 \mathrm{S}$. |  |  |
| lpininium Larkspuk |  |  |  |  |  |
| 1 aconitifolium | - aconite leaved | blue | 4 Levant |  |  |
| 2 grandiflorum | - large flowered | blue | 2 Siber. | 3 |  |
| 3 hybridum | bastard | mixed | 4 Siber | 3 |  |
| 4 intermedium | palmated | lt. blue | 4 Silesia | 13 |  |
| Dintilus Pink |  |  |  |  |  |
| 1 hortensis | garden | mixed | 1 Germ. | 10 |  |
|  | In great variety |  |  |  |  |
| Digitalis Fox Glov |  |  |  |  |  |
| 1 purpu | comm | purple | 2 Brit. | 4 |  |
| 2 alba | white | white | 1 Spain | 14 |  |
| 3 feruginea | iron coloted | dark | 4 Italy | 14 |  |
| 4 ambigua | large yellow | yellow | 3 Switz. | 4 |  |
| mtiana Gentian |  |  |  |  |  |
| 1 catesbia | catesby' | blue | 1 Car. |  |  |
| 2 lutea | yellow | yellow | 3 Alps |  |  |
| 3 asclepiada | swallow wort leaved | fineblue | 1 Austria |  |  |
| 4 saponaria | soap wort | blue | 1 N.Am |  |  |
| Gladiolus Corn Flag |  |  |  |  |  |
| 1 communis | sword lily | mixed | 2 S. Eur. | 3 |  |
| 2 segetum | round seeded | mixed | 1 S. Eur. | 3 |  |
| 3 byzantinus | Turkish | mixed | 2 Turkey | 3 |  |
| Hemoracalis Day Lily |  |  |  |  |  |
| 1 fulva | copper colored | copper | 3 Levant | 6 |  |

## $4: 3$

## herbaceous Plants (Perennal).

| Linncan name. InIS | grlish name. | flower. ft. native. class. ord. |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Iris, or Flower de Luce |  |  |  |  |  |
| 1 ochroleuca | pale yellaw | yellow |  | Levant | 3 | 1 |
| 2 guildanstaditii cream color |  | cream | 3 | Germ. | 3 | 1 |
| lilium Lily |  |  |  |  |  |  |
| 1 philadelphicum | Philadelphia | mixed | 3 | N.Am. | 6 |  |
| Lathyrus I | Lathyrus |  |  |  |  |  |
| 1 tuberosu | tuberous | lilac |  | Hol | 17 |  |
| Malva | Mallow |  |  |  |  |  |
| 1 alcea | vervai | mised |  | Brit | 16 |  |
| 2 moschata alba | ba musk | white |  | Bri | 16 |  |
| Oncris | Orchis |  |  |  |  |  |
| 1 ciliaris | fringed | yellow9 |  | N Am. |  |  |
| 2 pyramidalis | pyramidal | mixed |  | Brit. | 20 |  |
| Polemonium | Greek Valerian |  |  |  |  |  |
| 1 cceruleum | common | blue |  | Brit. | 5 |  |
| 2 fol var | leaves variegated | white |  | Siber. | 5 |  |
| Satyrium Staremer | Satimion |  |  |  |  |  |
| 1 hircimum | lizard, or goot orchis | mixed |  | Brit. | 20 |  |
| 2 viride g | green, or frog orchis | dark | 1 | Brit. | 20 |  |
| Teronica | Speedwell |  |  |  |  |  |
| 1 siberica | Siberian | blue | 2 | Siber. | 2 |  |
| 2 virginica | Virginian | whitish | $3$ | N.Am. | 2 |  |
| 3 spicata | spiked | blue |  | Brit. | 2 |  |
| 4 officinalis | officinal | blue |  | Brit. | 2 |  |
| 5 carnea | flesh colored | mixed | 2 | Auttria | 2 |  |
| 6 candida | white | white | 2 | Siber. | 2 |  |
| Verbascum | Muliein |  |  |  |  |  |
| 1 nigrum | black | yellow | 4 | Brit. | 5 | 1 |
| 2 ferrugineum | rusty | mixed |  | S. Eur. |  |  |

## PLANTS (Annual).

Borago 1 officinalis 2 indica
Centurea 1 cyanus 2 crupina
Convolvulus 1 tricolor 2 nil 3 purpureus

Borage
common blue 1 Brit. 51 Indian
Centauky
blue bottle blue 2 Brit. 193 black seeded mixed 2 S. Eur. 193 trailing or minor mised tr. S.Eur. 51 azure blue cl. Amer. $5 \quad 1$ purple or major purple cl Amer, 5 G 2

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## August.

## SHRUBS DECIDUOUS.

| Coluten | Bladder Sena |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| 1 arborescens | common | yellow | 9 S. Eur. 17 | 3 |
| 2 cruenta | red flowered | red | 7 Levant 17 | 3 |
| Stuartia | Stuartia |  |  |  |
| 1 marilandica | mary land | white | 5 Amer. 16 | $\gamma$ |

## SHRUBS EVERGREEN.

Erica
1 cinerea
2 vulgaris
3 tetralix
4 dabeoci
5 vagans
Kalmia
1 hirsuta
Czematis.
1 florids.

Heath
gray mixed 1 Brit. $8 \quad 1$
common, or ling mixed 2 Brit. 8
cross leaved mixed 1 Brit. 8
Irish
cornish
Kalmia
hairy
Vingin's Bower
large flowered whitish cl. Japan 137

## 45

## SHRUBS CLIMBERS.

Limazan name.
Clematis
2 verticella
3 flamula
4 vitalba
Periploca
1 græca

English name. Virgin's Bower purple sweet scented traveller's joy Virginian Silk common

Nower. ft native. class. owd purple cl. Spain 13 mixed cl. S. Eur. 137 mixed cl. Brit. 13 \% 7 mixed cl. Syria 5 ,

## herbaceous Plants (Perennial).

| ANTIRRHINUM | Snar Dragon |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1 purpureum | purple | mixed 2 | 2 Italy | 4 | 2 |
| 2 repens | creeping rooted | paleblue 2 | 2 France | 14 | 2 |
| 3 linaria | common | yellow 2 | 2 Brit. | 14 | 2 |
| Aster | Starwort |  |  |  |  |
| 1 umbellatus | umbelled | mixed 3 | 3 N.Am. 1 |  | 2 |
| 2 amellus | Italian | mixed 3 | 3 S. Eur. 1 |  | 2 |
| Campanula | Bell Flower |  |  |  |  |
| 1 grandiflora | great flowering | blue 1 | 1 Siberia | 5 | 1 |
| 2 latifolia | broad leaved | blue 2 | 2 Brit. | 5 | 1 |
| 3 medium | Canterbury bells | mixed 2 | 2 Brit. | 5 | 1 |
| 4 boniensis | panicled | light blue3 | 3 Austria | 5 | 1 |
| 5 urticifolia | nettle leaved | mixed 3 | 3 Germ. | 5 | 1 |
| 6 persicifolia | peach leaved | mixed 2 | 2 N. Eur. | 5 | 1 |
| Chelone | Cuelone |  |  |  |  |
| 1 obliqua | red flowered | red 2 | $2 \mathrm{NAm.1}$ |  | 2 |
| 2 glabra | white flowered | white 2 | 2 N.Am. 1 |  | 2 |
| 3 barbata | bearded | red 3 | 3 Chili | 14 | 2 |
| Delphinium | Larkspur |  |  |  |  |
| 1 tricorne | three horned | mixed 4 | 4 N.Am. 1 |  | 2 |
| 2 azureum | azure | blue 4 | 4 N.Am. 1 |  | 3 |
| Dictamnus | Fraxinella |  |  |  |  |
| 1 albus | common | white 2 | 2 Germ. | 10 | 1 |
| 2 purpureus | purple | purple 2 | 2 Germ, 1 | 10 | 1 |
| Dianthus | Prink |  |  |  |  |
| 1 superbus | fringed | mixed 2 | 2 Europe 1 |  | 2 |
| Dianthus | Pink (Carnation) |  |  |  |  |
| 1 caryophillus | clove | varipus 2 | 2 Brit. | 10 | 2 |
| 2 hortensis | garden | mixed 2 | 2 Germ. 1 | 10 | 2 |

The variety of the Carnation and Pink is very beautiful and numerous, and well known to alnost every cottager. This flower has long been and continues to be generally cultivated and deservedlysdmired.

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## herbaceous plants (Perennial).

Linncean name.
Helianthus
1 atrorubens
2 decapetalus
3 divaricatus
4 multiflorus
Helenium
1 autumnale
IRIS
1 dichotoma
MALVA
1 sylvestris
RuDBECKIA
1 laciniata
2 purpurea
SoLidago
1 procera
2 serotina
3 gigantea
4 reflexa
5 lateriflora
6 eliptica
7 odorata
3 mexicana
9 arguta
10 latifolia

English name. Sun Flower dark red ten petalled divaricated many flowered
Melenium
smooth
Iris, or Flower d forked
Mallow common
Rudbeckia jagged leaved purple
Golden Rod great upright gigantic reflexed leaved lateral flowered eliptic sweet smelling thick leaved sharp notched broad leaved
flower. ft. native. class, ord.

| redish | 3 | Carol. 19 | 3 |  |
| :--- | :--- | :--- | :--- | :--- |
| yellow | 4 | Canada 19 | 3 |  |
| yellow | 4 | N.Am. 19 | 3 |  |
| yellow | 4 | Virg. | 19 | 3 |

yellow 3 N.Am. 19 2
mixed 3 Levant 31
mixed 2 Brit. 167
yellow 5 N.Am. $19 \quad 3$
purple 4 N.Am. $19 \quad 3$
yellow 5 N.Am. $19 \quad 2$
yellow 5 N.Am. 192
yellow 5 N.Am. 19
yellow 5 N.Am. 192
yellow 4 N.Am. 192
yellow 5 N.Am. $19 \quad 2$
yellow 4 N.Am $19 \quad 2$
yellow 5 N.Am. $19 \quad 2$
yellow 4 N.Am. $19 \quad \stackrel{2}{2}$
yellow 4 N.Am. $19 \quad 2$

## PLANTS (Annual).

Amaranthus Amaranthus
$\begin{array}{lllll}1 \text { hypochondriacus prince's feather red } & 2 & \text { N.Am. } 21 & 5 \\ 2 \text { caudatus } & \text { love lies bleeding red } & 2 & \text { E. Ind. } 21 & \text { a }\end{array}$

Catananche
1 lutea
Centaurea
1 muscata
2 suavioleus
Dianthus
1 armeria
2 prolifera
3 diminiutum.
Nicotiana
1 tabacum

Catananche yellow
Centuary sweet sultan yellow sultan Pink Deptford proliferous small flowered Tobacco
virginian
yellow 2 S. Eur. 19. 1
mixed 3 Persia $19 \quad 3$
yellow 3 Levant 193
mixed9in. Brit. $\quad 10 \quad 2$
mixed9in. Brit. $10 \quad 2$
mixed9in. S. Eur. $10 \quad 2$
whitish 5 N.Am. 5. 1

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## PLANTS (Annual).

i imman наme.
Nicotiana
2 rustica
Silene
1 anglica
Tagetes
1 patula
2 erecta
Zinnia
1 violacea
2 pauciflora
3 multiflora

Engrish namc.
'Товассо
common
Catcif Fly
English
Marigold
French
African
Zinnia
purple flowered purple 2 Mexico 192 yellow flowered yellow 2 Persia 192 red flowered red 2 N.Am. 192

Though the ten-week stock is generally classed among the Annuals, by sowing the seeds and transplanting at successive periods, its flower may be kept in perfection throughout the year, if kept from the frost.

## September.

## SHRUBS DECIDUOUS.

Jasminum
1 officinale
Robinia
1 hispida
2 caragana
Spartiun
1 junceum
2 flore pleno

Jasmine
common white 3 China 2 I
Robinia
rose acacia redish 10 Carol. $17 \quad 3$
yellow acacia yellow 10 Siber. 173
Broom
Spanish yellow 6 S. Eur. 173 double flowering yellow 6 S. Eur. 173

SHRUBS EVERGREEN.

Hyssopus
1 officinale
Lavendula
1 spicata

Hyssop
officinial blue 2 S.Eur. 14 I
Lavender
common blue 2 S. Eur. 14

## SHRUBS CLIMBERS.

Brononia
1 radicans $\begin{gathered}\text { Trumpet Flower } \\ \text { ash leaved }\end{gathered}$ mixed cl. N.Am. $14 \quad 2$2

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## herbaceous plants (Perennial).

Linneañ name. English name. flower. ft. natvie. class. ord.
Antirrhinum Snap Dragon

1 triornithophory
Aster
1 foliosus
2
$\mathbf{2}$ divaricatus
3 dumosus
4 ericoides
5
6 linarifolius
6 mutabilis
7 linifolius
8 nova anglica
9
10
10 runiceus
11 nidus
nndulatus
Campanula 1 versicolor 2 pulla
Crocus
1 officinalis
2 uudiflorus
Dahlifa
1 pinnata
2 coccinia
3 rosea
4 crocea
5 purpurea

Starwort
leafy mixed 4 N.Am. $19 \quad 2$
divaricated whitish 2 N.Am. 19 '2
bushy whitish 2 N.Am. $19 \quad 2$
heath leaved whitish 3 N.Am. 192
savory leaved blue 1 N.Am. 192
changeable blue 4 N.Am. 192
flax leaved whitish 2 N.Am. 192
New England blue 4 N.Am. 192
red stalked mixed 7 N.Am. 192 rigid
wave leaved
Bell Flower
various colored mixed 2 Greenl. 51
dark flowered blue 2 Austria 51
Crocus
saffron
naked flowered Dahlia
elder leaved red 4 Mexicol9 2
scarlet flowered scarlet 5 Mexicol9 2
rose colored
saffron colored
fine purple
mixed4in. Brit. 31
purple 4 in . Brit. $\quad 3 \quad 1$
rose $\quad 6$ Mexicol9 2
yellow 6 Mexico 192
purple 7 Mexico 192

With a variety of other grand colors.
Heliantrus
giganteus
Solidago
] aspera
2 altissima
3 сæсіа
4 virminea
5 . sempervirens
6 bicolor
7 stricta
8 flexicanlis

Sun Flower
gigar tic or tallest yellow 7 N.Am. 193
Golden Rod
rough leaved tallest Maryland twiggy narrow leaved two colored upright bending stalked
yellow yellow 5 yellow 4 N Am. 192 yellow 4 N.Am. $19{ }^{2}$ yellow 4 N.Am. $19{ }^{2}$
mixed 3 N.Am. 192
yellow 4 N.Am. 19
$\begin{array}{lll}\text { yellow } & 4 & \text { N.Am. } \\ \text { yellow } & 4 & \mathrm{~N} . A \mathrm{~m} .19 \\ 2\end{array}$

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## Oclober.

## SHRUBS CLIMBERS.

Linnein name. English name. flower. ft. native. class. ord.

| Hedera | Ivy |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1 holix | common | mixed cl. | Brit. | 5 | 1 |
| 2 Hibernia | Irish | mixed cl. | Ireland 5 | 1 |  |
| 3 pontica | striped leaved | mixed cl. |  | 5 | 1 |

## herbaceous Plants (Perennial).

| Aster | Starwort |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| 1 grandiflora | great flowering | purple | 4 N.Am. 19 | 2 |
| 2 speciosus | large | purple | 5 N.Am. 19 | 2 |
| 3 mutabilis | changeable | mixed | 5 N.Am. 19 | 2 |
| 4 flexuosus | zig-zag | mixed | 4 N.Am. 19 | 2 |
| Solidago | Golden Rod |  |  |  |
| 1 levigata | smooth | yellow | 5 N.Am. 19 | 2 |
| 2 peteolaris | late flowering | yellow | 6 N.A.m. 19 | 4 |

## November and December.

## SHRUBS EVERGREEN.

Arbutus
1 unedo
Tburnum
1 tinus

Strawberry Tree
common
white 10 Brit. 101
Viburnum
laurestine
whi
3 S. Eux. 5
8

It is impossible to ascertain correctly the various altitude that trees, shrubs, or other plants, will ultimately attain, as that depends upon the soil and situation in which they may be cultivated. What I have remarked will show the proportion they bear to each other; and this is all that can be required in the arrangement of a flower garden.

Though many more might be added to the number of Herbaceous Plants, \&c. in the monthly list, a very grand and extensive collection may be selected from the foregoing list, which contains as much variety as will be of real utility. To avoid a tiresome repetition, I have endeavored to mark the month in which the various plants \&c. come into flower, though many of them, in early scasons and in warm situations, may flower in the month before that in which I have classed them; and may frequently continue in great beauty for two months or more; and some flower twice in one season, viz. first in the spring: and afterwards in autumn.-A very elegant succession of flowers may be selected from the foregoing list, and planted according to their magnitude and color of blossom.

Of Indigenous Plants, such as are ge-
nerally cultivated for ornament and are almost familiar, I have arranged specimens, to convey more readily the meaning of the classes and orders.

## A List of the Classes and Oiders,

WITII

## SPECIMENS OF PLANTS

BELONGING EACH.

The Specimens marked with a Star are exotic.
I. MONANDRIA

1 Sonogynia
2 Digynia
II. DIANDRIA

1 Monogynia
2 Digynia
3 Trigynia
III. TRIANDRIA

1 Monogynia
2 Dignyia
3 Trigynia
IV. TETRANDRIA

1 Monogynia
2 Digynia
3 Tetragynia
V. PENTANDRIA

1 Monogynia
2 Digynia
3 Trigynia
4 Tetragynia
5 Pentagynia
6 Polygynia

Mare's Tiail
Water Star Wort
Privet
Spring Grass
Pepper*
Valerian
Panic Grass
Holosteum

Teasel
Dodder
Holly
Bell Flower
Gentian
Elder
Grass of Parnassus
Flax
Mouse Tail
н 2
VI. HEXANDRIA

1 Monogynia
2 Digynia
3 Trigynia
4 Tetragynia
5 Hexagynia
6 Polygynia
VII. HEPTANDRIA

1 Monosynia
2 Digynia
3 Tetragynia
4 Heptagynia
VIII. OCTANDRIA

1 Monogynia
2 Digynia
3 Trigynia
4 Tetragynia
1X. ENNEANDRIA
1 Monogynia
2 Trigynia
3 Hexagynia
X. DECANDRIA

1 Monogynia
2 Digynia
3 Trygynia
4 Pentagynia
5 Decagynia
XI. DODECANDRIA

1 Monogynia
2 Digynia
3 Trigynia
4 Pentagynia
5 Dodecagynia
XII. ICOSANDRIA

1 Monogynia
2 Digynia
3 Trigynia
4 Pentagynia
5 Polygynia

Snow Drop
Rice*
Dock
Guinea Hen Weed ${ }^{\text {B }}$
Damasonium*
Water Plantain
Chick Weed
Limenm*
lizard's Tail**
Septas*
Heath or Ling
Galenia*
Snake Weed
One Berry
Laurel*
Rhubard
Flowering Rush
Wild Rose Mary
Pink
Campion
Wood Sorrel
Phytolacca*
Asarabacca
Agrimony
Dyer's Weed
Glinus*
House Leek
Cherry Tree
Hawthorn
Mountain Ash
Medlar
Rose

| XIII. POLYANDRIA |  |
| :---: | :---: |
| 1 Monogynia | Water Lily |
| 2 Digynia | Pxony |
| 3 Trigynia | Iarkspur |
| 4 Tetragynia | Bugwort* |
| 5 Pentarynia | Columbine |
| 6 Hexagynia | Water Soldier |
| 7 Polyginia | Virgin's Bower |
| XIV. DIDYNAMIA |  |
| 1 Gyinnospermia | Hyssop |
| 2 Angiospermia | Fox Glove |
| XV. TETRADYNAMIA |  |
| 1 Siliculosa | Honesty |
| 2 Siliquosa | Wall Flower |
| XVI. MONADELPHIA |  |
| 1 Triandria | Tamarind Tree* |
| 2 Pentandria | Heron's Bill |
| 3 Heptandria | Stork's Bill* |
| 4 Octandria | Aitonia* |
| 5 Decandria | Crane's Bill |
| 6 Dodecandria | Screw Tree* |
| 7 Polyandria | Marsh Mallow |
| XVII. DIADELPHIA |  |
| 1 Hexandria | Fumitory |
| 2 Octandria | Milk Wort |
| 3 Decandria | Broom |
| XVIII. POLYADELPHIA |  |
| 1 Decandria | Chocolate Nut Tree* |
| 2 Dodecandria | Bastard Cedar* |
| 3 Icosandria | Lemon Tree* |
| 4 Polyandria | St. John's Wort |
| XIX. SYNGENESIA |  |
| 1 Equalis | Sow Thistle |
| 2 Superflua | Tansy |
| 3 Frustranea | Sun Flower* |
| 4 Necessaria | Marygold |
| 5 Segregata | Globe Thistle* |
| XX, GYNANDRIA |  |
| 1 Diandria | Orchis |


| 2 Triandria | Ferraria* |
| :---: | :---: |
| 3 Pentandria | Passion Flowe |
| 4 Hexandria | Birth Wort |
| 5 Polyandria | Wake Robin |
| XXI. MONGECIA |  |
| 1 Monandria | Bread Fruit Tree* |
| 2 Diandria | Duck's Meat |
| 3 Triandria | Bur Reed |
| 4 Tetrandria | Box Tree |
| 5 Pentandria | Prince's Feather** |
| 6 Hexandria | Guettarda* |
| 7 Polyandria | Oak Tree |
| 8 Monadelphia | Scotch Fir |
| 9 Syngenesia | Gourd* |
| XXII. DIEECIA |  |
| 1 Monandria | Screw Pine** |
| 2 Diandria | Willow |
| 3 Triandria | Crow Berry |
| 4 Tetrandria | Misseltoe |
| $\check{5}$ Pentandria | Hop |
| 6 Hexandria | Black Briony |
| 7 Octandria | Poplar Tree |
| 8 Enneandria | Mercury |
| 9 Decandria | Bonduc* |
| 10 Dodecandria | Hyæna Poison* |
| 11 Polyandria | Cliffortia* |
| 12 Munadelphia | Juniper ${ }^{\text {d }}$ |
| 13 Syngenesia | Butcher's Broom |
| 14 Gynandria | Gluytia* |
| XXIII. POLYGAMIA |  |
| 1 Monæcia | Maple Tree |
| 2 Diwcia | Ash Tree |
| 3 Triocia | Fig Tree |
| XX1V. CRYPTOGAMIA |  |
| 1 Filices | Brake |
| 2 Palmæ | Cocoa Nut |

## FRUIT TREES.

A select List of all the various kinds of Fruit Trees cultivated in our Gardens, with the proper situation and aspect for each, the quality of Fruit, and the period at which it comes to maturity; with useful remarks on their Planting, Pruning, Washing, Grafting; also, a Catalogue, to which is prefixed the prices generally charged by regular Nurserymen.

## APPLE TREES BEST ADAPTED FOR THE WALL.

Name Character Aspect In perfection.
1 Golden Pippin well known-excellent sse or sw Dec to Apr. 2 Downton Pippin resembles the G.P.good se w Nov. Jan. 3 Ingestree Pippin beautiful and good SE w Sept.
4 Kingwood Pippin excellent \& productive sE w Dec. Jan.
5 Newton Pippin fine large yellow \& red se w Nov. Jan • 6 Ribston Pippin larger than the former se w Nov. .Mar. 7 Nonpareil allowed to be superior SE
w Dec. May 3 White Rennet large yellowish green se w Dec. Mar.

## A SELECT LIST OF APPLES FOR HALF STANDARDS, DWARFS, OR ESPALIERS.

Abbreviations used in the following Lists:-Golden Pip ping p-Belowo Golden Pippin size by p -Above Golden Pippin size a g ——Middle size m -Belozv middle size b m -Above middle size a m -Large l-very or uncommon large v l .

## Name and size. Color when ripe. In perfection.

1 Aromatic Pippin of $g$
2 Beauty of Kent* $l$
3 Brandy Apple* ${ }^{\circ}$ p
bright russet and yellow fine red yellow striped red and yellow russet

Oct.
Sept. to Apr.
Dec. Mar.

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| Name and size. |  |  | Color telhcr ripe. |
| :--- | :--- | :--- | :--- | In perfection.

N. B. Any of the above list will do for orchards also; and those marked with a Star are the most useful.

## ORCHARD APPLES.

|  | A | beautiful bright red | N |
| :---: | :---: | :---: | :---: |
| 2 | Auklam Russct* b m | yellowish russet | Jan. Mar. |
| 3 | Bakster's Pearmain* $n_{2}$ | handsome palish green | Oct. Apr. |
| 4 | Bell's Pearmain* $l$ | handsome red and yellow | Oct. Jan. |
| 5 | Broad-eyed Pip.** | fine greenish yellow | Nov. Mar |
| 6 | Calville ${ }^{*} m$ | beautiful red and whit | Sept. |
|  | Carlisle Codlin* $b$ m | dull red and palish russet | Sept. Dec |
|  | Common Codlin $g p$ | pale green and little red | July Sept. |
| 9 | Codlin Dutch* ${ }^{\text {* }}$ | dull red and greenish yello | Sept. Nov. |
| 10 | Dumplin Apple** a m | handsomepalish redstrea | M |
| 11 | English Rennet* $m$ | streaked beautiful red | Nov. Ma |
|  | Embroidered Apple* ${ }^{\text {l }}$ | beantiful fine red streaked | Nov. Jan |
|  | Flower of Kent* ${ }^{\text {a }}$ | yellow with little red | Dec. Apr. |

## 57

| Name ard size. <br> 14 Fullwood* $l$ | Color athen ripe. | $f$ |
| :---: | :---: | :---: |
|  |  |  |
| 5 French Crab* |  | Dec. Ma/ |
| 16 French Codlin* a m | dull green | Jan. Mar. |
| 17 Grey Leadington* $l$ | greyish russet and dull red | Dec. Ja |
| 18 (iolden Monday** a m | good \& beautiful yel. | Feb. |
| 19 Golden (llocester* $n$ | landsome yellow and red | Dec. Mar. |
| 20 Greenup's Pippin** a | red and pale green | No. Jan. |
| 21 Gargay Pippin* ${ }^{\text {\% }} m$ | landsome yellow \&lit | Mar. |
| 22 Holland l'ippin* $m$ | palish yellow as:d red | Nov. Mar. |
| 23 Hubbard's Pearmain* | dark russet and greenish | Jan. Apr. |
| 24 Jerusalem Apple ano | red all over | Oct. Nov. |
| $25 . J o h n$ Apple* ${ }^{\text {m }}$ | handsome green \&little re | Nov. Miar |
| 26 King Apple* $m$ | beautiful fine yellow \& rel | Nov. Apr. |
| 27 Kirk's Seedling $l$ | fine yellow and red | Nov. Dec. |
| 23 K's ScarletAdmirable | beautiful scarlet | Nov. Jan |
| 29 Kentish Fill-basket* ${ }^{\text {a }} \mathrm{m}$ | whitish Square Codlin | Sept. |
| 30 KirtonorCrackPipuin* $m$ | 2 greenish and dull yellow | Nov. |
| 31 Lisbon Pippin $n$ | pale green and red | Oct. |
| 32 LiCalville* a m | red and whitish yellow | Nor. |
| 33 Lemon Square* a m | pale yellow and red | Nov. |
| 34 L.ong-laster*** ${ }^{\text {m }}$ | fine yellow and red | Dec. May |
| 35 London Pippin* $l$ | green streaked red | Nov. Dec. |
| 36 Longstart** | dull red and greenish | Sept. Nov. |
| 37 Mank's Codlin** l | red and pale yellow | Oct. |
| 33 Margil* ${ }^{\text {a m }}$ | red and yellow russet | Nov. |
| 39 Minchall Crab*** | yeilow with brown spots | Dec. Apr. |
| 40 Nine Square** $l$ | fine red and yellow | Jan. $\Lambda$ pr. |
| 41 Norfolk Storcing* | dark red and green | Dec. Apr. |
| 42 Norfolk Beafing* an | deep red and rather pale | Oct. Nor. |
| 43 Northern Greening* $l$ | pale green with little red | Nov. Jan. |
| 44 Oak, or Oaken P'eg* $m$ | green with pale streakes | Dec. June |
| 45 Old Red Must* ${ }^{\text {l }}$ | dark with red spots | Dec. Jan. |
| 46 Old Eng. Pearmain* 6 m | fine red and little yellow | Dec. Mar. |
| 47 Orange P'ippia* ${ }^{\text {m }}$ | haudsome yellow | Oct. Dec. |
| 48 Paradise Pippin* ${ }^{\text {m }}$ | handsome fine red | Oct. Nov. |
| 49 Pearson's P'ippin agp | yellowish russet | Jan. Mar. |
| 50 P'ile's Russet* a m | yellowish dull russet | Dec. $A \mathrm{pr}$. |
| 51 Pound Pippin* $l$ | greenish dull red | Nov. Jan. |
| 52 Purse MIouth** $l$ | handsome red and white | Nov. Jan. |
| 53 Prussian Pippin $l$ | pale yellow | Scpt. Oct. |
| 54 Poor Man's Profit* b m | dingy red (very productive) | Oct. Jan. |
| 5 5̌ Queening* a m | deep red and lighter red | Nov. $\Lambda$ pr. |
| 56 Red Streak* $n$ | deep red streakes | Nov. Jan. |
| 57 Red 3ag $l$ | streaked dark red | Oct. Nov. |
| 58 Royal Russet* a m | rough brownishleatheryrus | Dec. $\Lambda$ pr. |

## $j 8$



To the above many more might be added; but the preceding list contains a large variety of the best sorts, and orchards to any extent may be furnished from it.

Such persons as want only a few trees, will find sufficient choice amongst those marked with two stars: but regard must be had to the time of their being in perfection, in order to ensure a regular succession of ripe fruit. Those who wish to plant extensive orchards, must always choose two of the double marked for every one of the single, and three of the single marked, for every one of the unmarked. Though the
time of ripening-being in perfection, as well as the size, depend much upon the season, \&c., yet what I have stated will suffice to give the idea of the difference between each sort. It would be well to caution farmers and owners of orchards, to be careful whom they employ in lopping their fruit trees, as I am aware that several individuals in the country, go about prepossessing farmers and others, what wonders they can effect by pruning and grafting; such bunglers are too frequently employed haggling and spoiling young trees, ready for bearing; changing the sorts, as they term it. Their favorite grafts, or kinds, are generally of the large soft codling species, which will not keep, consequently are poured into the markets in September and October, in such quantities, that, in the present season, (1818), when the crops are abundant, Apples were in the said months cheap as potatoes; but towards, and after Christmas, keeping fruit sold well.

When by winds, or accident, large branches are damaged, so that they must be cut from the tree, saw the limb (not too close), say half an inch, from the armpit; smooth with a draw knife the roughness left by the saw, then apply to the wound
the following cere:-Boil tar, while you mix it with soot, to the consistence of thick paint. It must be laid on hot, with a painter's brush, touching the wounded part of the tree only, a thim coat; and dash a little dry ashes against it as soon as you cover each wound. This is the safest and best remedy for the purpose of excluding rain, dc., that I know of. I have given several other compositions, which have been much extolled, a fair trial, and recommend the above as proving by far the simplest and best; besides a little quantity wil go a long way in using. Any shoot or branch that can be neatly cut away with a sharpknife, will soon heal without the aid of compositions.

## A SELECT LIST OF PEARS.

## Most deserving of a Wall * Good Bearers on Standards $\dagger$

Ambreviations used in the following List :-Snall size
s m -Midlle szze m - Below middle size b m -Above middle size
a m-Large l-Very or uncommon large v .

Name and size. Color wehen ripc. Aspect. In perfection.
1 Ashton Town $\dagger 6 \mathrm{~m}$
a August Muscat $+m$ dak brownish russet SE orw Nov. toJan.
3 Autumn Berganott whish green SE W Sept.
4 Bergamot d' Pasque*amhandsome yellowish SE w Feb. Mar.
5 Beurre Rouge* $m$ redish yellow
${ }^{6}$ Rrown Beurre* a mi brownish russet
7 Brier Bush* $b m \quad$ brownish russet
8 Brown St. Germain $\dagger m$ brownish russet
9 Carnoch $\dagger$ n greyish russet

E WOct. Dec.
Any Nov. Dec.
ditto Dec. Mar. Sept. Oct.

|  | Name and size. Cadilac $\dagger v l$ | Color when ripe. the best for baking | In perfection. |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1 Choumontille* $b$ | the best for baking |  |  |  |
|  | 2 Citron d'Carmus* $b m$ | light brown russet | SE | sw Dec. | Apr. |
| 3 |  | greenish yellow | SE | w July | Aug. |
| 14 | Crcsanne* a m | greyish russet | SE |  |  |
| 15 | D'Auch* ${ }^{\text {d }}$ | dark brown ru |  |  |  |
|  | Doyenne* $a \mathrm{~m}$ | greyish russet | SE | w Oct. | Nov. |
|  | 7 Double Flowering $\dagger$ l | beautiful for pres |  | w Nov. | Dec. |
|  | 3 Gansel's Bergamot* $l$ | light greenish russ | E | w Jan. | Mar. |
|  | German Muscat $\dagger$ m | paleislı russet | E | w Jan. |  |
| 0 | Golden Beurre* am | beautiful red and |  | w Oct. | Nov. |
| 1 | Golden Nip $\dagger$ b $m$ | fine yellow and red | SE | w Aug. | Sept |
|  | Gray Goodwife $+m$ | grey russet | Any | Sept. | Sp. |
| 3 | Green Sugar $\dagger$ b m | beautiful green |  | w Aug. | Sept. |
|  | Green Pearof Yair $\dagger$ b $n$ | dark green russet | Any | Sept. | Oct. |
|  | Gross Blanquct $\dagger$ l | pale green |  | w Scpt. | Oct. |
|  | Hanging Leaf $+m$ | beautiful red and yel. |  | w Aug. | Sept. |
|  | Holland's Bergamo | greenish russet | E | iv Jan. | Apr. |
|  | Henhead $\dagger s m$ | coarse greenish russe |  | Nov. | Dec. |
|  | Jargonelle* $l$ | russet yellowish green |  | sw Aug. | Sept. |
|  | Knave's Peart a m | dark coarse russet | E | w Oct. | Nov. |
|  | Lady's Lemon $\dagger m$ | bright yel. and paler |  | w Sept. | Oct. |
|  | Lansac $\dagger m$ | dullish yel. and rus |  | w Nov. | ec. |
|  | L'Eschasscrie $\dagger l$ | brownish russet Bes | onStan | Jor | Feb. |
|  | Little Must $\dagger$ sm | yellow orange | E | w July | Aug. |
|  | Little Blanquet† $s \mathrm{~m}$ | pale greenish | E | w July | Aug. |
|  | Marchioness* $b m$ | beautifulstreakedre |  | w Sept. | Oct. |
|  | Moorfowl Egg $\dagger$ s m | dark brownish russe | Stand |  | Oct. |
|  | Orange Bergamot* ${ }^{\text {* }}$ | beautiful orange | SE | w Oct. | Nov. |
|  | Prince Pear $\dagger$ a m | greenish russct | SE |  | Oct. |
|  | Pear d'Auch* | brownish russet | E | w Dec. | Mar. |
|  | Red Muscatelle* | beautiful yel. and r |  | w Aug. | Sept. |
|  | Round Winter $+l$ | coarse dark russet | Any | Dec. | Jan. |
|  | Rose Water Peart m | brown russet |  | w | Oct. |
|  | Swan's Egg $\dagger$ m | greenish russet | Any | Nov. | Dec. |
| 45 | Skinless* ${ }^{\text {m }}$ | greenish russet | SE | w Sept. | Oct. |
| 46 | Summer Bonctreiten* $n$ | coarse brownish russe |  |  |  |
| 47 | Spanish ditto * $l$ | coarse dark russet | E | w Dec. | Jan. |
| 48 | St. Germain* $l$ | greyish russet | E | w Dec. | Feb. |
| 49 | Swiss Bergamot* a m | yellowish russet | SE |  | Oct. |
| 50 | Scotch ditto $\dagger$ l | yel. and ruddy russet |  |  |  |
| 51 | Summer ditto* $a$ | dark coarse russet | SE | w Sept. | Oct. |
| 52 | Thorny Rose* $l$ | brownish russet |  | w Oct. | Nov. |
| 53 | Virgolouse* $l$ | dull russet | SE | w Dec. | Jan. |
|  | den, or Pound $\dagger$ | coarsedarkgreen, ru | s. Any | Oct. | Dec, |


|  | Name and size. | Color whicn ripe. | Aspect. In perfection. E or w Nov to Jan. |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Winter Achan* $\downarrow$ | nish ruse |  |  |  |
|  | Winter Thorn $\dagger$ a $m$ | rough dull russet | Any | D |  |
|  | Windsor†vl | greenish yellow ru |  |  | t. |
|  | Bonchtreiten* | dull green russet |  | Mar. |  |
| 59 | Wonder of Winter* bm | coarse dark rus | Any | Dec. |  |
|  | York Bergamot $\dagger$ | greenish russet |  | Aug. | Sept. |

The same may be said of Pears as has been remarked on Apples, respecting country grafting \&c., only the quantity brought into the markets is few, compared with that of Apples; and they are in general of inferior quality and short duration.

Pears grafted on good healthy wild Pearstocks, raised by layers, come sooner to bearing: observe at the same time that the grafts are taken from good full-bearing: healthy trees. The most part of our fruit trees answer better on stocks raised by layers, (if well performed, and selected from their respective wild kinds), especially such as are intended for walls.

I look upon the proper method of layering the various kinds of trees and shrubs which may be propagated in this manner, to be the niceest practical or working part of the art of gardening, or nursery. It is practice alone that can teach any person to be expert and successful.

## 63

## $\triangle$ SELECT LIST OF PLUMS.

Those marked with an Asterisk for a small collection.


I find the Mucle Plum Stock, raised by layers, answers better than any other, for almost every purpose that Plum Stocks are wanted.

Plums will do tolerably well on standards, in sheltered situations, and are much better planted on grass, being liable to drop from the tree when ripe.

## 64

## A SELECT LIST OF APRICOTS.

## Name and Character.

I Breda, large round, of a deep yellow SE or sw
2 Brussels, middlesize, red\& greenish yellow
3 Moor Park, large fine fruit russet yellow SsE
4 Orange, beautiful large fruit, best fortarts SE
5 Roman, fine large fruit, deep yellow SE Sw Aug. Sept.
6 Turkey, larger than the former, ar.d deeper color

SSE SW Aug. Sept.

## A SELECT LIST OF PEACHES.

Name and Charaeter. Aspect. In perfection.
1 Admirable, large, fine red towards the sun SSE or Sw
2 Chancellor, one of the very best sort SSE Sw
3 Early Anne, fine fruit and good bearer sse
4 Early Avant, is apt to be stringy, good sSE
w
§ Early Mignonne, good fruit and bearer sSE sw Aug. Sept.
${ }_{6}$ French Mignonne, large fine fruit, and good bearer SSE Sw
Aug. Sept.
7 Montaban, large, purplish red fruit, good sse sw Sept.
\% Malta Peach, large, fine red fruit, and good bearer SSE SW
Sept.
9 Noblesse, large, bright red next the sum, good bearer
SSE SW
Sept.
10 Old Newington, large, fine red, excellent SSE sw Sept.
11 Royal George, beautiful dark red next the sun SSE SSW Sept.
12 Royal Kensington, bright red and yellowish, good
SSE SW Aug. Sept.

## A SELECT LIST OF NECTARINES.

## Name and Character. <br> Aspect. In perfection.

1 Elruge, excellent, dark red and pale greenish SSE orssw
Sept.
2 Fairchild's Early, small, round fruit, beautiful red SSE SSW Aug. Sept.
3 Newington, excellent, fine red \& yellow sse ssw Sept.
4 Red Roman, good fruit and bsarer, red and yellow SSE SSW Sept.
5 Scarlet, beautiful fruit, fine scarlet, and pale red SSE SSW
Sept.
6 Temple's Middle Size, the fruit shrivels when ripe, and is of a delicious fiavor, pale red and yellowish
Sept.

## 65

## A SELECT LIST OF CHERRIES.

| Name and Character. | Aspect. |  | In perfection. |  |
| :---: | :---: | :---: | :---: | :---: |
| 1 Arch Duke, large black fruit, good bearer | sEorw |  | July | Aug. |
| 2 May Duke, excellent fruit and bearer | SE | W | July | Aug. |
| 3 Wuke, black when ripe, very sweet | SE | w | July | Aug. |
| 4 13lack Heart, large black fruit, and good flavored | SE | w |  | Aug |
| 5. White Heart, large fine fruit, red \& white | SE | w |  | Aug. |
| (f Harrison's Heart, afine fruit, red \& white | SE | w |  | Aug. |
| 7 Graffion, resembles the former | SE | w | July | Aug. |
| 8 Moralla, best for preserving, and Cherry |  |  |  |  |
| 13randy | E, w, | or N |  | Oct. |

Washing wall fruit-trees in the course of the winter, with soap-suds, does much good: but the using of pernicious mixtures, such as tobacco, brimstone, lime-water, \&c. in order to destroy insects at the time of fruetification, is very injurious to the tender fruit and foliage.

The author has found from experience, that clean soft water alone, answers a much better purpose, if sprinkled occasionally over the trees, with an engine䊑 at the declining sun.

## FIGS.

1 Black Ischia, middle size, skin black when ripe, good flavored.
2 Brown Ischia, large, the best for hot-walls, good flavored.

[^0]3 Black Genoa, fruit long, of a dark purple color, good flavored.
4 Black Italian, small round fruit, good bearer, \& delicious flavored.
5 Malta Fig, small brown fruit, and high flavored.
6 Snall White, pale yellow when ripe, inside white.

## MULBERRIES.

1 Black, the most esteemed for its fruit.
2 Red, a handsome ornamental tree on grass laws.
3 White, more for ornament than use.

## MEDLARS.

$\left.\begin{array}{l}1 \text { Dutch, } \\ 2 \text { Large Bay-leaved }\end{array}\right\}$ Commonly planted in pleasure grounds.

## QUINCE.

1 Portugal, the best for baking and stewing.
2 Apple Quince, planted for ornament in shrubberies.
3 Oblong,
ditto
FILBERTS, \&c.

1 Red Kernels.
4 White Kernels.
3 Large Cob Nut.
4 Large Long Nut.

5 Spanish Nut.
6 Common Wood, with red keruels.
7 Large Cluster Wood.

## BARBERRIES.

1 Red, without stones, most esteemed for pickling and preserving. 2 White Fruited, planted for ornament in shrubberies.

3 Black Sweet,
ditto.
4 Common Red,
ditto.

Filberts, as well as Barberries, are generally planted in shrubberies, and when

# properly trained and pruned, make a beatitiful variety and appearance, besides then fruits being very useful. 

## VINES.

Wall or Vinery-w v. Hot-house or Vincry-h $\boldsymbol{v}$. Hot-house-h.
1 Black July, small round black berrics, estecmed for being early zo v.
2 Muscadine Royal, bunches and berries large, amber color, good bearer, \&c., $h v$.
3 Muscadine Black, the berries powdered with a blueish bloom $h \vartheta$.
4 Muscadine Common, berries white, exrellent bearer wo $v$.
5 Muscadine Malmsy, resembles the Royal Muscadine to $v$.
6 Frontiniac Alexandrian, berries white, oval, and bunches large 7 .
7 Frontiniac Red, rescmbles the former, only the bunches are red $h$.
8 Frontiniac Grizzly, berries round, mixed color, excellent flavor $k z$.
9 Hamburgh Black, berries large oval, bunches large, good bcarer, $h \%$
10 Hamburgh Red, berries and bunchics large, dark red $k v$.
11 Hamburgh White, large oval berries and bunches, tolerable bearer $h$.
12 Black Prince, fine large berries and bunches, good bearcr, \&c. $h \%$
13 White 'Tok'ay, berries and bunches large, good bearer $h v$.
14 St. Petcr's, large oval black berries, bunchcs large $\because$.
15 Lombardy, fine large flame colored berries, vcry large bunches $\hbar \%$
16 White Sweit Water, berries large, good bcarer te $\%$.
17 Small Black Cluster, leavcs covered with a hoary down to $v$.
18 Aleppo, middle size, berries frequently striped black and white $k \%$.
As much trouble and expense are required to bring all kinds of fruit to perfection, particularly such as require glass, hotwalls, \&c., none ought to be reared or cultivated but the very best and most profitable sorts.

## 68

## GOOSEBERRIES.

Small size-s $m$. Middle size- $m$. A bove middle size-a $m$. Be low middle size-b $n$. Large size-l. Very large-v $l$.

Name and Character. Flavor§Size. Color.

1 Adam's Snowball, large roundish little hairy tolerable $l$ white
2 Alcock's King, oblong, little hairy v $l$ red
3 Alcock's Duke of York, roundish oval, little hairy
4 Alexander, round, little hairy, good
5. Anthony's Triumph, oblong, harry
${ }_{6}$ Astrachan, oblong greenish veins
goodvl... red

7 Abt's 11 g olais,
8 Bell 'Iongue, round, smooth tree, upright tolerable $m$ red
9 Bellmont, round smooth
10 Black Prince, round, dark hairy
high $n$ yellowish
11 Black Rambler, oblong, blackish, brown tinged
12 Bullock's Heart, oblong green on one side
13 Captain, oblong, smooth
$\operatorname{good} l$ green
Captan, high $l$ red
14 Cæsar, round, smooth, dark good $l$ red
15 Cassandria, oblong, smooth, whitish veins high $a m$ green
16 Champaign, downy, with strong prickles, tree upright
17 Conqueror, oblong, smooth
18 Crystal, round, clear
19 Dumpling, oblong, hairy
20 Duke of Normond, oblong, smooth, clear
21 Early red, round, hairy
22 Early green, round, hairy,
23 Early black, round, hairy, thin skin
24 Fisher's Conqueror, roundish, little hairy
25 Gasgoin, round, hairy
26 General Howe, oblong, smooth russet
27 Goliah, oblong, with strong prickles
ligh $n \quad$ red
high a $m$ yellow
high $a m$ white
high $l$ red
good $a m$ white .
good $m \quad$ green
good $n_{b}$ green
good $m \quad$ blackish
good $v l$ red
high $m \quad$ green
good $l$ yellow
goodv $l$ red
28 Goliah's Green, oblong, smooth, with white veins
29 Golden Ball, oblong, smooth, downy
30 Golden Lion, oval, smooth russet
high $l$ green

31 Gold-finder, oblong, little hairy good $l$ yellow
32 Golden Knap, round, clear, tinged yellow good $a m$ white
33 Gregory's Perfection, oblong, hairy, white veins
good $l$
red
34 Gregory's Spencer, oblong, smooth thin skin good $l$ green

| Nume and Character. | Flaior \& Size. Cotor. |  |
| :---: | :---: | :---: |
| Gregory's Colonel, oblong, clear hairy | high $m$ | , |
| Green Chance, oblong, smooth, yellowish | good $l$ | green |
| 37 Green Walnut, round, dark, smooth | good v $l$ | green |
| 38 Green Hornit, eggy shaped, smooth | high $\eta$ | green |
| 39 Hedgehog, oblong, roundish russet on | e high $m$ | yellow |
| 40 Hector, oblong, hairy, good bearer | high $m$ |  |
| 41 Honey Comb, round, smooth | good $n$ | yellow |
| 42 Hoggetson's Elliot's Ball, round, smooth |  |  |
| 43 Hogbean`s King, roundish, oblong, green on one side |  |  |
| 44 Hay's Triump |  |  |
| 45 Jackson's Claremont, oblong, light red, tinged with yellow | a m |  |
| 46 Jackson's leauformont, round hairy |  | yellow |
| 47 Ironmonger, oval, light red, little lairy |  |  |
| 43 Kenyon's red Canary, round smooth, green on one side |  |  |
| 49 Kenyon's White Noble, roundish, |  |  |
| 50 Large Amber, roundish, oval, tinged with yellow |  |  |
| 51 Large Hairy, roundish oval, hairy | high | reen |
| 52 Little John, oblong, smooth russet on one side | good $b$ |  |
| 53 Lord Hood, oblong, little hairy | good $l$ |  |
| 54 Morris White Bearer, oblong, greenish | high $l$ | white |
| 53 Mill's Seedling, roundish, smooth, clear | high $a$ | green |
| 56 Mogul, oblong, smooth, yellowish, one side | high $l$ | green |
| 57 Mush Green, roundish, hairy | musks |  |
| Nield's Greengage, oblong, smooth, with white veins |  |  |
| 59 Nield's White Rose, oblong, clear, little hairy | high $l$ |  |
| 60 Nonsuch, oblong, smooth, dark | high $l$ |  |
| 61 Ostrich Egg, oblong, smooth, tinged r | high a m | white |
| 62 Purple Nutmeg, oblong, dark, hairy | high $l$ | red |
| 63 Purple Astrachan, roundish, hairy | high $l$ | d |
| 64 Red Walnut, round, dark, hairy | high $l$ | d |
| 65 Red Nutmeg, round, hairy, green on one side |  |  |
| 66 Rider's Hellebore, oblong, smo | high a m | ello |
| 67 Royal George, oblong, hairy | high $l$ | white |
| umbullion, | high $l$ |  |
| Robin Hood, roundish, ha | high a m | green |
| Sir Sidney, oblong, little hairy | goodv 6 | yellow |



Gooseberries are more various in their kind than any other fruit commonly cultivated in our gardens; and the foregoing list probably does not contain one-tenth part of the various provincial and fancy names given to this useful fruit in the different counties throughout Britain: but the best sorts may be purchased by the aforesaid names, from almost any extensive nursery.

Volumes have been written concerning goosberries, and the best method of preventing their destruction by caterpillars. The author begs to observe, that during his long experience, he has seldom or uever
had occasion to apply any remedy for this species of vermin, because the plan he adopts in rearing and managing the trees most effectually prevents their being brought into existence.-It is common for persons when they first discover the caterpillar, to apply some remedy in order to destroy them or prevent their increase: this plan cannot have a good consequence, for whatever destroys the caterpillar at that period will injure the tree, and spoil the fruit.-The author has adopted the following plan with unvariable success.

When a new plantation or quarter of gooseberries is to be made or renewed, trench the ground about eighteen inches deep, mixing plenty of rotten manure from top to bottom, leaving the surface smooth and level. When measuring, it is best to drive a stake, at proper distances, according to the best size and manner of pruning, \&c., with stems from one and a half to two feet, forming nice light round heads. The distance from plant to plant should be eight feet. When you have done planting, tie them gently with willow wands to the stakes, in order to keep them steady in the ground, to be trained as aforesaid.

Gooseberry bushes are apt to be blown
aside, and without the assistance of stakes cannot be trained properly, to obtain clean good-flavored fruit, besides they have the advantage in the neatness of their appearance, particularly in a gentleman's garden.

In training young plants, attend them during the summer season, encouraging proper shoots, and rubbing away all awkward and useless ones; leaving what is only convenient for the winter pruning: what you take off at that time, cut neat and close, leaving no stumps or spurs. Top the principal branches or shoots, according to their strength, \&c.

Should your trees be in danger of breaking by an over-load of fruit, drive fourforked stakes at right angles round each bush; then upon the fork ends rest four rods, or slender rails, in order to support the branches until the fruit is gathered.

Watering the roots of berry-trees, with dunghill or farm-yard drainings, at the time the fruit is setting and swelling, encourages and very much improves both the berries and bushes.

Gooseberries and Currants require cool, rich ground, but should not be shaded too
much from the sum, if it is intended to have the fruit good flavored, which is more important than that it should be of an extraordinary size.-Short grass mowings, from lawns, \&c. spread under the bushes, will keep the ground moist, and the fruit clean.

When the trees begin to be mossy, rub it off, and wash them in winter with a mixture of soap-suds, cow-dung, and soot, made to the consistency of thick paint, and laid on with a large soft painter's brush.

The same sort of mixture and washing answers well for old mossy orchard trees.

CURRANTS.

| 1 Black | 3 Red Dutch |
| :--- | :--- |
| 2 Champaigne | 4 White ditto |

## RASPBERRIES.

1 Early White
2 Double bearing
3 Large red 4 Large Antwerp do.

5 Large Antwerp white
6 Smooth Cane
7 Woodward's new rasp. berry

STRAWBERRIES.


6 Red Wood
7 White ditto
8 Red Alpine
9 White ditto

The Strawberry plant requires rich cool soil; marine shells, such as cockles, muscles, oysters, \&c. spread over the surface of the beds, between the plants, will help to keep the ground moist during summer, and at the same time will keep the fruit "clean.

## 7.5

## PRICES OF FRUIT TREES

## At whiche theyare generally sold by regular Fiarsergmen.

The trees must be understood to be Whidens, (viz. of one year's crowth after grafting , unless expressed otherwise.

|  |  | $s$. | $d$ |  | $s$. | $d$. |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Apple, Standards |  | - | - | 0 | 9 | to | 1 |

## $76$



# A GENERAL PRICED CATALOGUE 

## OF

## Hardy Trees, Shrubs, \&'c.

Evergreen Shrub-ev. American Evergreen Shrubs-a es. Decidu* ous Shrub, or leaves falling- $d s$. High Tree- $h t$. Climber-cl. Creeper-cr. Trailing-tr.
s. d.

Acuba, Japoneca a es Acer, hybridum $h t$ opalus $h t$
creticum $h t$ montanum negundo $h t$ palmatum $h t$ pensylvanicum $h t$ rubrum $h t$ sacharinum $h t$ tartaricum $h t$ platanoides $/ t t$ campestre fol. var. $h t$ pseudo platanus fol. var. $h t$

Gold Plant, blotch leaved 2 G
Maple 16
Italian 16
cretan $1 \quad 6$
mountain 16
ash leaved 10
palmated 26
striped leaved $\quad 26$
scarlet 10
sugar 10
$\begin{array}{lll}\text { Tartarian } & 1 & 6\end{array}$
plane leaved 10
comm. variegated leaved $0 \quad 8$
plane variegated leaved 26
Asculus, flava parviflora $a s$ pavia $/ 4 t$
hippo castanum fol. var. ht
H. Chesnut, yel. flowered 16
$\begin{array}{lll}\text { small flowered } & 106\end{array}$
red flowered 26
comm. variegated leaved 2
Ailanthus, glandulosa $h t$ Ailanthus, glandulous 16
Amorpha, futicosa $d$ s Bastard, Indigo, shrubby 16 ccrulea $d s$
Amygdalus, nana $d s$ communis $h t$ orientalis $d s$ persica flo. ple. $d s$ pumila $d s$ siberica $d s$
Andromeda, accuminata angustifolia $e$ s axillaris $a e 8$

Almond, dwarf 16
common 26
silvery leaved $\quad 26$
peach double blossomed 3 o
rough leaved $\quad 16$
Siberian 16
Andromeda, acute leaved 26
narrow leaved $\quad 3$ 6
axil flowering $\quad 2$ 6

$$
4
$$

Aralia, spinosa as
Arbutus, andrachne es
unedo $e s$
rubra $c$ s
thymifolia a $c s$
longifolia acs
sarratuses
uva ursi $e s$
alpina $c s$
Abistolocima, sipho cl
Atripeex halmuts $d$
Atragene, austricana cl
Americana $c l$
Alpina cl
Azalea, bicolor $a s$
carnica ${ }^{\prime} s$
erecta of $s$
floribunda " $s$
glauca scatra $a$ s
nudiflora fagiata $a s$
ditto papilenacea as
ditto staminibus rubra $a s$
calendulacea $a s$
do. pleno as
pontica $a s$
precox as
procumbens $d s$
rubra as
do. odorata as
do. coccinia as
salicifolia as
cassinefolia $a s$
coriacea a $c s$
catesbai $a s$
pulverulenta $a c s$
dabocia $e s$
erecta $a c s$
hyproides acs
latifolia $c s$
mariana $a s$
paticulata $a s$
polifolia $e s$
racemosa $a s$
calendulacea as
do. pleno $a s$
pontica as
procumbens $d s$ rubra $a s$
saliifolia as
ANDTROMEDA, calyculata aes ANDRONED \& box leaved s. d.
$\begin{array}{lll}\text { Dromeds, box leaved } & 1 & 6 \\ \text { cassine leaved } & 1 & 1\end{array}$
shining leaved
76

| Andromena, calyculata aes Andromeds, box leaved i |  |  |
| :---: | :---: | :---: |
| cassinefolia as | cassinc lcaved | 11 |
| coriacea a $e s$ | shining leaved | 7 |
| catesbai $\alpha s$ | Catesby's | 76 |
| pulverulenta $\alpha e s$ | powdered | 56 |
| dabocia $e$ s | lrish | 16 |
| erecta $a$ es | upright | 16 |
| hypmoides a e s | moss | 16 |
| latifolia $c$ s | broad leaved | 16 |
| mariana a | oval leaved | 50 |
| pariculata as | panicled | 26 |
| polifolia $e s$ | wild resemary | 16 |
| racemosa $a s$ | cluster flowcred | 26 |
| Anovi, trilopa as | Cestard, apple | 50 |
| Aralia, spinosa as | Angelica, tree | 50 |
| Arbutus, andrachne es | Strawbery, tree the caster | 70 |
| unedo $c$ s | common | 16 |
| rubra $e s$ | red | 50 |
| thymiflia a cs | thyme lcaved | 0 |
| longifolia acs | long leaved | 6 |
| sarratus es | serrated | ${ }^{6}$ |
| uva ursi es | bearierry | 26 |
| alpina $c s$ | Alpine | 6 |

Brati Wort, broadleavel 1 (
Orache, great slirubby $0 \quad 6$
Atragene, Austian 26
American 26
Alpine $\quad 2 \quad 6$
Azalea, two-flowered 50
carnica 50
upright 50
large flowered 50
glatcous $\quad 5 \quad 0$

| red flowered | 7 | 6 |
| :--- | :--- | :--- |
| do papilious | 5 | 9 |
| $d$ | 5 | 0 |

do. stringy red
orange flowered
ditto double flowered
yellow flowered
precox's
procumbent
red
ditto sweet scented
scarlet
willow leaved
50

|  | Azatea tomentosa as | Azales, downy | 2 | 6 |
| :---: | :---: | :---: | :---: | :---: |
| 14 | viscosa variegata $a s$ | white flowered variegrated |  | 6 |
| , | Heriberames, canadensis $d s$ | $s$ Bennentry yellow fruited | 1 | 0 |
| 2 | critica ds | white fruited | 0 | 6 |
| 3 | vulgario ds | red Iruited | 0 | 6 |
| 4 | ds | ditto without stone | 1 | 0 |
| 1 | Berita angulata $h t$ | Prach, angular | 1 | 6 |
| 2 | glatuca kt | glancous | 1 | 6 |
| 3 | cxeclsa $h t$ | tall | 1 | 6 |
| 4 | lenta 71 | Canadian | 1 | 6 |
| 5 | naiad $d s$ | smootll dwarf | 1 | 0 |
| 6 | uricifolia $h t$ | nettle leaved | 1 | 6 |
| 7 | papyracea 7 t | paper | 1 | 6 |
| 3 | peadula $h t$ | weeping | 1 | 0 |
| 9 | populifolia $/$ t | poplar leaved | 1 | 6 |
| 10 | puania let | hairy dwarf | 1 | 0 |
|  | Bignones, Cataipha ht | Trumpet Plowen, 4 leav |  | 6 |
| 2 | radieans dl | ash leaved | 1 | 6 |
| \% | sempervirens $d$ | ever green | 1 | 9 |
|  | Burlevrem, fruticosum $d$ | $d$ Thonougit Wax, shrubby | 1 | 0 |
| 1 | Buddies, globosa as | Buddeles, round headed |  | ; |
| 1 | Bunus, angustifolia es | Lox Thre, narrow leaved | 1 | 0 |
| 2 | balearicus $e s$ | Minorca |  | 0 |
| 3 | marginata $c$ s | margined | 0 | 6 |
| 4 | myrtifolia $c s$ | myrtle leaved | 1 | 0 |
| 5 | variegata fol. $e s$ | variated leaved | 1 | 0 |
|  | Cematatus | Virgin's Bower |  |  |
| 1 | forila cl | large flowering | 2 | 6 |
| 2 | flamula cl | sweet scented | 2 | 6 |
| 3 | vilicella cl | purple flowering | 2 | 6 |
| 4 | ochroleuca cl | yellowish | 2 | 6 |
| 5 | cirrhosa cl | everyreen | 3 | 6 |
| 6 | anguistifolia alba. cl | narrow leaved, white | 2 | 6 |
| 7 | integrifolia cl | entire leaved | 2 | 6 |
| 8 | vitalba cl | common traveller's joy | 0 | 6 |
|  | Ceetirna, alnifolia as | Clethris, alder leaved. | 2 | 6 |
| 1 | Colutei, arborescens $d s$ | Bladidet, sena | 1 | 0 |
| 2 | cruenta $d s$ | red flowered | 1 | 6 |
|  | Corchonus, Japonicus a s | $s$ Corchorus, yellow flowered |  | 6 |
| 1 | Corvies, colurna $h t$ | Hazel, Constantinople | 1 | 6 |
| 2 | rostrata $d s$ | cuckold | 2 | 6 |
| 3 | avcllana $d s$ | common | 0 | 6 |
| 4 | maxima $7 t$ | largest | 1 | 0 |
| 1 | Coronilla, emerus $d s$ | Scorpion, sena | 1 | 6 |
|  | Crataegus, aria $h t$ | Thorn, white beam | 1 | 6 |




|  | Fraxinus, ornus $7 t$ | Ash, flowering |  |  |
| :---: | :---: | :---: | :---: | :---: |
| 4 | pendulus $7 t$ | weeping |  |  |
|  | pubescens $h t$ | black American |  |  |
| 6 | rotundifolia $h t$ | manna |  |  |
|  | sambruifolia $\langle t$ | elder leaved |  |  |
| 8 | diversifolia $h t$ | diverse leaved | 2 |  |
| 9 | atra $/ 4$ | tallest | 2 |  |
| 10 | excelsior tot | common | 0 |  |
| 1 | Genista, germanica $d s$ | Genista, German | 1 |  |
| 2 | linifolia $d s$ | flax leaved | 0 |  |
| 3 | sagittalis $d$ s | jointed | 1 |  |
| 4 | triquetra $d s$ | triangular | 1 |  |
| 5 | anglica $d s$ | petty whin | 0 |  |
| 6 | florida $s$ | large flowered | 2 | 6 |
| 1 | Gleditsia, horida $\%$ t | Honey Locust, 10 |  |  |
| 2 | triacanthos $h t$ | triple thorn | 1 |  |
|  | Glycine, frnticosa $d s$ | Glycine, slirubby | 3 |  |
|  | Gordoniá, pubescens $d$ s | Loblolly, bay | 5 |  |
|  | Gualthera, procumbens acs | sGualtiera, procu |  |  |
|  | Guilandia, bonduc $4 t$ | Nicher Tree, yel. |  |  |
|  | Grmocladus, canadensis ds | Grnocladus, Cana |  |  |
|  | Halesia, tetrapetra ds | Snow Drop 'Tree, |  |  |
|  | Hamanelis, virginica ds | Witch Hazel, virg |  |  |
|  | Hedera, helix cor | Ivy, common | 0 |  |
| 2 | fol. var. e cr | leaves variegated | 0 | 6 |
| 3 | latifolia e er | broad leaved | 1 | 0 |
|  | 4 pontica $c$ cr | pontic | 1 |  |
|  | Hibiscus, syriaicts $d$ d | Altilea, frutex | 2 |  |
|  | 1 Hiprorinae, rammoides ds | Seabuck Thorn, co |  |  |
|  | 1 Mydrangea, cceruleads | Hydrangea, blue | 5 |  |
|  | arborescens $d s$ | tree |  |  |
|  | 3 glauca $d s$ | glancous | 2 |  |
|  | 4 quinqefolia ds | oak leaved | 2 |  |
|  | 1 Hypericum, ealycinum $c$ s | Tutsan, common | 0 |  |
|  | 2 prolificmm $d$ s | canary |  |  |
|  | 1 Jsaminum, fruticuns $d s$ | Jasmine, yellow | 0 |  |
|  | humile $d$ s | duf. yellow | 1 |  |
|  | 3 officinale $d s$ | common white | 0 |  |
|  | fol, var. $d$ s | leaves variegated | 1 |  |
|  | ILEx, aquifolia es | Horly, common | 0 |  |
|  | fol. var.es | leaves variegated |  |  |
|  | орaca aes | Carolina |  |  |
|  | prinoides d $s$ | deciduous |  |  |
|  | 5 canadensis es | Canadian |  |  |
|  | 1 Itea, virginiaca ds | Itea, virginian |  |  |

## $83$



## $8 t$

Honeysuckie, early

|  | early red cl | early red |  |
| :---: | :---: | :---: | :---: |
|  | late Dutch $c l$ | late Dutch |  |
|  | sempervirens $c l$ | trumpet | 10 |
|  | grata cl | evergreen | 6 |
|  | implexa $c l$ | smail leaved | 16 |
| 10 | long blowing cb | long blowing | 6 |
| 11 | nigra cl | black berried |  |
| 12 | quircifolia $d s$ | oak leaved | 03 |
| 13 | symphoricarpos $d$ \& | St. Peter's wort | 06 |
| 14 | tartarica $d s$ | Tartarian | 06 |
| 1.5 | liylostcun $d s$ | fly | 04 |
| 16 | pracoss cl | Carolina trumpet | 16 |
| 17 | pyriclymenum $c l$ | woodbinc | 0 |
|  | Lyciem, barbarum es | Box Thorin, willow leaved |  |
| 1 | Magnolia, glauca as | Magnolfa, swamp | 70 |
| 2 | acuminata $d s$ | blue flowered | 76 |
| 3 | grandiflora acs | laurel leaved | 5 |
| 4 | anquistifolia $a c s$ | narrow leaved | 76 |
| 5 | tripetala $d \mathrm{~s}$ | umbrella | 76 |
| , | cordata $d$ s | heart leaved | 7 |
| 1 | Mexisperma, canadense ds | Moonseed, Canada | 16 |
| 2 | carolinum $d s$ | Carolina | 16 |
| 1 | Mespilus, arbutifolia $h t$ | Medlar, arbutus leaved | 36 |
| 2 | amelanchier $h t$ | alpine | 26 |
| 3 | canadensis \%t | snowy | 26 |
| 4 | carolinean $d$ s | Carolina | 16 |
| \% | chame mespilus $d s$ | bastard quince | 16 |
| 6 | cotoneaster ds | downy leaved | ${ }^{6}$ |
| 7 | grandiflora lut | large flowered | 50 |
| 3 | latifolia $d s$ | broad leaved | 16 |
| 9 | prunifolia $d s$ | plum leaved | ${ }^{6}$ |
| 0 | tementosa $d s$ | downy fruited | 6 |
| 1 | pyracantha cs | evergreen thorn | 6 |
| 1 | Morus, alba $h t$ | white | 6 |
| 2 | nigra $/ 4$ | black | 2 6 |
| 3 | rubra $h t$ | red | 0 |
| 1 | Mrrica, cerifera acs | Candleberry, myrtle Am. | 9 |
| 2 | latifolia $d s$ | broad leaved | 6 |
| 3 | sempervirens $d s$ | sweet gale | 0 |
| 1 | Nrssa, integrifolia ds | Tupelo, entire leaved | 5 |
| 2 | villosa $d s$ | many flowered | 6 |
| 3 | biflora $d s$ | two flowered | 6 |
| 4 | candicans $\mathrm{l}^{2} \mathrm{~s}$ | hoary | 2 |
|  | denticulata ds $s$ | dented |  |

## 85

| 1 | Ononis, fruticosa aes | Restitarrote, shrubby | $\begin{array}{rr}\text { s. } & d . \\ 3 & 6\end{array}$ |
| :---: | :---: | :---: | :---: |
| 1 | Pereploca, greca cl | Virgivias, silk common | 16 |
| 1 | Philcyrea, buxifolia cs | Pimblyrea, box leaved | 16 |
| 2 | latifolia es | broad leaved | 16 |
| 3 | angustifolia cs | narrow leaved | 16 |
| 4 | medin es | privet leaved | 16 |
| 6 | olenfolia cs | olive leaved | 16 |
| 6 | pendula es | weeping | 16 |
| 7 | romanifolia es | nettle leaved | 16 |
| 3 | spinosa co | prickly | 16 |
| ] | Protes, avies ht | Pine Fir, Norway spruce | - 6 |
| 2 | traa $h t$ | francinscence | 26 |
| 3 | alba $h t$ | white spruce | 16 |
| 4 | alopecuris $/ t t$ | fine leaved | 36 |
| 5 | balsamea $/ 1 t$ | balm of gilcad | 10 |
| 6 | canadeusis $h 6$ | hemlock spruce | 16 |
| 7 | cedrus $\ell t$ | ccdar of Lebunon | 36 |
| 8 | cembra $九$ t | Siberian stone | 50 |
| 9 | larix $h t$ | common larch | 16 |
| 10 | nigra $14 t$ | black spruce | 16 |
| 11 | rubra $h t$ | red spruce | 16 |
| 12 | picea $h t$ | silver fir | 16 |
| 13 | pinaster $h t$ | cluster pine | 19 |
| 14 | picnea $h t$ | stone pine | 16 |
| 15 | pumilia $h t$ | mugho | 19 |
| 16 | rigila es | rigid | 26 |
| 17 | sylvestris $h t$ | Scotci fir | 16 |
| 18 | strobus $H_{t} t$ | weymouth | 16 |
| 19 | variabilis $e s$ | varous leaved | 10 |
| 20 | pendula $h t$ | black lach | 26 |
| 21 | inicrocarpa $h t$ | red larch | 26 |
| 22 | resinosa $/ 2 t$ | pitch pine | 16 |
| 23 | maritina $h t$ | sca | 16 |
| 24 | palustrus $/ l t$ | swamp | 16 |
| 1 | Phatanes, hispanica ht | Plane, Spanish | 16 |
| 2 | ocidentalus 76 | lope leaved | 16 |
| 3 | orientalis $h t$ | oriental | 26 |
| 1 | Porygala, chamabuxusa | Milk Wont, box leaved | 36 |
| 1 | Porulus, alba $h t$ | Yoplan, white or abele | 10 |
| 2 | angulata $h t$ | angular | 10 |
| 3 | balsamifera $h t$ | balsam | 0 9 |
| 4 | graca $h t$ | Athenian | 16 |
| 5 | heterophylla $h$ t | varions leared | 26 |
| 6 | monlifura $h t$ | Canacia |  |
| 7 | nigra $h t$ | black |  |


|  | Topulus, strictaht tremula $h t$ canescens $h t$ |
| :---: | :---: |
| 1 | Prinos, caroliniona aces |
| 2 | glaber aes |
| 3 | lavigatus d s |
| 4 | verticillabus $d s$ |
| 1 | Prunus, susquchana es |
| 2 | lauro cerasus $e \delta$ |
| 3 | lusitanica $c$ s |
| 4 | mahelcb $d s$ |
| 5 | nigra $d s$ |
| 6 | padus $h t$ |
| 7 | pendula $h t$ |
| 8 | pumila $d s$ |
| 9 | rubra $h t$ |
| 10 | virginiana $d s$ |
| 11 | serotina $7 t$ |
| 12 | spinosa $d s$ |
| 1 | Punica, granatum $d$ s |
| 1 | Ptelea, trifoliata $d s$ |
| 1 | Pyrus angustifolia $k t$ |
| 2 | baccata $h t$ |
| 3 | coronaria $h t$ |
| 4 | pollveria $h t$ |
| 5 | precox $h t$ |
| 6 | rubra $h t$ |
| 7 | salicifolia $h t$ |
| 3 | siberica $h t$ |
| 9 | spectabilis $/ \lambda t$ |
| 10 | nivalis $d s$ |
| 1 | Quercus, esculus $h t$ |
| 2 | ditto alba $/ 2 t$ |
| 3 | ditto alba multifida $\% t$ |
| 4 | aquatica attenuata $/ 2 t$ |
| 5 | elongata $h t$ |
| 6 | heterophylia $7 t$ |
| 7 | banisterii $h t$ |
| 8 | candida $h t$ |
| 9 | cerris angustifolia $/$ t $t$ |
| 10 | ditto latifolia $h t$ |
| 11 | coccinea $/ 2 t$ |
| 12 | ilex $h t$ |
| 13 | ditto latifolia $h t$ |
| 14 | - montanna $h t$ |

Poplar, Lombardy trembling, or asp hoary
Winter Bentr Caralina 0
evergreen 25
smooth 50
deciduous 16
Cherry Tree, glaucous 36
$\begin{array}{lll}\text { common laurel } & \mathbf{0} & 9\end{array}$
Portugal laurel 10
perfumed $\quad 1 \quad 6$
black plum 16
bird cherry $0 \quad 9$
weeping 1.6
dwarf 10
red, or cornish 26
Virginian 0
American bird 10
sloe thorn 0
Pomgranate, common 16
Shrubby, trefoil 10
Pyrus, narrow leaved 26
small crab apple 3 6
sweet scented crab $\quad 3 \quad 6$
powdered 16
early flowering 16
-red 26
willow leaved 36
Siberian crab 26
Chinese apple 26 snowy
OAK, Italian
ditto white
ditto multifia
water
sickle leaved
various leaved
Banister's
hoary white
Turkey narrow leaved $0 \quad 9$
ditto broad leaved $0 \quad 9$
scarlet 10
evergreen 1
ditto broad leaved
mountain.
d.

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& 6
\end{aligned}
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|  | Quercus, nigra $\%$ t | Oak, black | $\begin{array}{ll}\text { s. } & \\ 2 & 6\end{array}$ |
| :---: | :---: | :---: | :---: |
| 16 | prinus $h t$ | chesnut leaved | 09 |
| 17 | robur $h t$ | common | 0 |
| 18 | rubra $h t$ | red | 0 |
| 19 | pedunculata $\%$ ¢ | long peduncied | 0 |
| 20 | pubescens $h t$ | durmast | 06 |
| 21 | suber $h t$ | cork tree | 2 |
| 22 | fol. var. $h t$ | leaves variegated | 5 |
| 23 | virens $76 t$ | live | 5 |
| 24 | imbricarea 4 t | tile cupped | 2 |
| 25 | laurifolia $h t$ | laurel leaved | 3 |
| 26 | gramuntia $h t$ | holly leaved | 26 |

With several other new varieties in the London Catalogues.

|  | Rtiamnus, aloternus es | Bucktiorn, alaternus | 1 | 0 |
| :---: | :---: | :---: | :---: | :---: |
|  | alnifolia $d s$ | alder leaved | 3 | 6 |
| 3 | alpina $d s$ | alpine | 1 | 6 |
| 4 | angustifolia $c s$ | narrow leaved | 1 | 0 |
| 5 | argentia $e s$ | silvery | 1 | 6 |
| 6 | aurea $c s$ | golden | 1 | 6 |
| 7 | fol. var.e s | leaves variegated | 1 | 6 |
| 3 | catlarticus $d$ s | purging | 0 | G |
| 9 | frangula $d s$ | berry bearing | 0 | 6 |
| 10 | latifolius $e s$ | broad leaved | 2 | 0 |
| 11 | maculata $e s$ | spotted | 1 | 0 |
| 12 | infectorius $e s$ | yellow berried | 2 | $\theta$ |
| 1 | Rhododendron, dauricum | ashose Bar, dauric | 15 | 0 |
| 2 | hirsute acs | hirsuti | 5 | 0 |
| 3 | ditto variegatum $a$ e $s$ | ditto variegated | 5 | 0 |
| 4 | maximum acs | large | 7 | 6 |
| 5 | poaticumacs | purple | 2 | 6 |
| 6 | punctatum a es | dotted | 5 | 0 |
| 7 | chrysanthemumacs | yellow fowered | 7 | 6 |
|  | furruginemma $e s$ | rust leaved | 2 | 6 |
|  | Rhodora, canadensis is | Rriodora, Canadian | 1 | 6 |
|  | Rhus, radicans ds | Sumacu, upright poison oals |  | 6 |
| 2 | copallimum ds | lentiscus leaved | 2 | 6 |
| 3 | cotinus $c s$ | Venice | 0 | 6 |
| 4 | elegans $l t t$ | Carolina | 1 | 6 |
| 5 | glabrum $s$ | smooth | 1 | 6 |
| 6 | typhinum $h$ t | Virginian | 1 | 6 |
| 7 | vernix $h t$ | Farnish tree | 1 | 6 |
| 8 | suaveoleus $d$ s | sweet smelling | 1 | 0 |
|  | toxicodendron $d s$ | trailing poison-oak | 0 | 6 |


|  | Rilies, alpina ds | Currayt, alpine | 5. ${ }^{\text {d }}$ |
| :---: | :---: | :---: | :---: |
| 2 | cinosinati $d s$ | prickley fruited | 06 |
| 3 | fol. var. $d s$ | leaves variegated | 09 |
| 1 | Robinia, altagana $d \mathrm{~s}$ | Robinia, Siberian | 26 |
| 2 | caragana $d s$ | caragana | 16 |
| 3 | chamiagu $d s$ | shining leaved | 26 |
| 4 | glutinosa $/ 4 t$ | clammy | 16 |
| 5 | halccendron $d s$ | salt tree | 50 |
| 6 | hispida ds | rose acacia | 16 |
| 7 | pseud acacia $h$ t | common acacia | 09 |
| 8 | spinosa $/ t t$ | thorny | 26 |
| 9 | frutescens $d s$ | shrubby | 16 |
| 10 | ascnaria ds | sand | 26 |
| 11 | macropylla $h t$ | long leaved | 26 |
| 12 | pygmea ds | dwarf | 19 |
| 1 | Rosmarinus, offecinalises | Rosemary, common | 0 O |
| 2 | fol. var.es | striped leaved | 03 |
| 1 | Resa, berberifolia ds | Rose, berberry leaved |  |
| 2 | lutea $d s$ | single yellow |  |
| 3 | suipinrea $d s$ | double yellow |  |
| 4 | blanda ds | Hudson's bay |  |
| 5 | cinmamonea ds | cinnamon |  |
| 6 | arvensis $d$ s | field |  |
| 7 | spinosissima $d$ s | Scotch |  |
| 8 | pyupinellifolia $d s$ | burnet leaved |  |
| 9 | parviflora ds | Pensylvanian |  |
| 10 | racemosads | cluster |  |
| 11 | lucida $d s$ | shining leaved |  |
| 12 | Carolina $d s$ | Carolina |  |
| 13 | rubifolia $d s$ | bramble leaved |  |
| 14 | orientalis $d s$ | oriental |  |
| 15 | tencrifensis $d s$ | teneriff |  |
| 16 | villosa ds | apple bearing |  |
| 17 | tomentosa ds | downy |  |
| 18 | Hibernica $d s$ | Irish |  |
| 19 | sanguisorbifolia ds | great burnet leared |  |
| 20 | collina $d s$ | hill |  |
| 21 | provincialis $d s$ | provence |  |
| 22 | nana $d s$ | pompone |  |
| 23 | calitifolia $d s$ | huadred leared |  |
| 24 | gallica $d s$ | officinal |  |
| 25 | parvifulia $d s$ | burgundy |  |
| 26 | florida $d s$ | forid |  |
| 27 | damascena ds | damask |  |
| 23 | mensirua $d$ e | monthly |  |

## 89

$\left.\begin{array}{cl}\text { Rose, sempervirens } e s & \begin{array}{c}\text { Rose, evergreen } \\ \text { pumila } d s \\ \text { dwarf Austrian }\end{array} \\ \text { turbinata } d s & \text { Frankfort } \\ \text { rubiginosa } d s & \text { sweet brier } \\ \text { ferox } d s & \text { hedge hog } \\ \text { fenestrata } d s & \text { window } \\ \text { involuta } d s & \text { unexpanded } \\ \text { scambriuscula } d s & \text { rough } \\ \text { cærsia } d s & \text { gray leaved } \\ \text { muscosa } d s & \text { moss } \\ \text { mochata } d s & \text { musk } \\ \text { olympica } d s & \text { olympian } \\ \text { alpina } d s & \text { alpine } \\ \text { pendulina } d s & \text { hanging fruited } \\ \text { inermis } d s & \text { unarmed } \\ \text { canina } d s & \text { dog, or hep tree } \\ \text { lurida } d s & \text { lurid } \\ \text { multiflora } d s & \text { many flowered (S. wall) } \\ \text { cherokensis } d s & \text { cherokee } \\ \text { caucasica } d s & \text { caucasian } \\ \text { nivalis } d s & \text { snowy } \\ \text { kamtschatensis } d s & \text { Kamschatka } \\ \text { palustris } d s & \text { marsh } \\ \text { stricta } d s & \text { upright } \\ \text { Indica } e s & \text { pale China (S. wall, orinpots) } \\ \text { semperflorens } e s & \text { red China } \\ \text { bracteata } e s & \text { macartney (wall) } \\ \text { alba } d s & \text { white } \\ \text { de meaux } d s & \text { great dwarf } \\ \text { pompone } d s & \text { small dwarf }\end{array}\right\}$

The two last of the above list helong to the Province Rose, the variety of which is very great and most esteemed for their beauty and fragrance.

The variety of Roses is umbounded, and so is their price. The London Catalogues name upwards of 500 ; and very extravagant prices are paid for single plants, according to their merit and rareness.

## A common collection of Roses may be purchased for $£ 5$, and a grand collection for about $£ 10$.

## The common Roses are sold from $4 d$. to $1 s$. each.



| 23 | retusa $d s$ | blunt leaved | s. | $d$ |
| :--- | :--- | :--- | :--- | :--- |
| 24 | tristis $d s$ | 0 | 6 |  |
| 25 | candida $d s$ | American | 1 | 0 |
|  |  | hoary | 0 | 9 |

With 36 varieties of Willow, all hardy shrubs, mostly natives of
Britain, but not ornamental plants in shrubberies.

| Sambucus, Canadensis $d s$ | Elder, Canadian | 1 | 0 |
| :---: | :---: | :---: | :---: |
| nigra $d s$ | common | 0 | 3 |
| racemosa $d s$ | cluster flowered | 0 | 6 |
| Apifolia $d s$ | parsley leared | 0 | 9 |
| fol, var. $d s$ | striped leaved | 1 | 0 |

Sideroxylon, lycidides dsTron Wood, bexthornleavedi 0
lanuginosum $\vec{d} s \quad$ woclly leared $\quad 1 \quad 0$
Sophora, Japonica ds Sophora, Japan 36
Sorbus, acuparia ht Service, mountain ash $0 \quad 3$ $\begin{array}{lll}\text { domestica } h t & \text { true, or sorb } & 26\end{array}$ hybrida $h t \quad$ bastard 0
4 Canadensis $i$ Canadian 10
Spartium, decumbens $t r$ Broom, decumbent 10 flora pleno $d s \quad$ double flowering $\quad 16$ junceum $d s$ multiflora ds radiatum $d s$ argenteum $d s$
Spirfa, crenata as chomedrifolia as
daurica as
hypericifolia $d s$
levigata $d s$ opulifolia $d s$ salicifolia ds sorbifolia $d s$ thalictroides $d s$ tomentosa ds
Spanish $0 \quad 4$
Portugal white $0 \quad 6$
rayed $3 \quad 6$
silvery $\quad 3 \quad 6$
Spirea, crenated 16
germander leaved 26
dauric 30
hypericumleaved $0 \quad 5$
smooth 16
Virginian gelder rose $0 \quad 6$
willow leaved $0 \quad 4$
sorb leaved 10
meadow rue leaved 50
tomentose 16
Staphylea, pinnata $d s$ Bladdeli Nut, five leaved 0 6 trifoliata $d s$
three leaved 0 9
Styrax, grandıfolia $d s$
lævigatum $d s$

- officinale $d s$

Syringa, alba $d s$
Persica ds
Siberica $d s$ vulgaris $d s$

- Chinensis $d s$

Tamarix, Gallica $d s$
Germanica $d s$
Thuja, accidentalis es Arbor Titie, American
orientalis $e s$
Tilia, alba $h t$
Americana $h t$
pubescens $\pi t$
parvifolia $h t$
Europaa ht
Ulmus, Americana $7 t$
nemoralis $h t$
campestris $h t$
ditto fol, var. $h t$
latifolia $h t$
Vaccinius, am@num $d s$ Whorts, spreading $\quad 26$
2 crassifolium aes thick leaved $\quad 50$
3 formosum ds
lucidum acs
macrocarpon $d s$
oxycoccus $c$ s
Pensylvanicum acs
resinosum ds
erythrocarpum $d s$
vitiṣ idea $e s$
ditto ditto major $c$ \&
Viburnum, acerifolium ds Viburnum, maple leaved 1
cassinoides as
dentatum $d s$
levigatum $e s$
lantana $d s$
lentago ds
tinus $e s$
ditto fol. var. es
lucidum $e s$
nudum $e$ s
opolus $d s$
ditto Americana $d$ s
ditto rosea $d s$
pubescens $d s$
primifolia $d s$
Vinca, major ecr
minor e cr
fol. var. e cr
Yucca, filamentosa es
fol. var. as
Hantioriza a leaves variegated 76
1 Hantioriza, apifolia $d s$ YellowRoot, parsly leavedl 6
1 Zanthoylumfraxinifoliumds'Toothache'Tuee,ashleavl
${ }_{0}$.
China 26
Lime Tree, white 26
$\begin{array}{ll}\text { American } & 26\end{array}$
Carolina 36
red twigged 26
common 16
Elin, American 26
horn beam leaved 16
English 10
ditto var. leaved $\quad 19$
broad leaved 16
red twigged 6
shining leaved 50
American crane berry 1
$\begin{array}{lrr}\text { English crane berry } & 0 & 9 \\ \text { Pensylvanian } & 10 & 6\end{array}$
Pensylvanian 106
resizous 56
red fruited $\quad 26$
bilberry 10
great bilberry $\quad 16$
thick leaved 16
$\begin{array}{lll}\text { tooth leaved } & 0 & 6\end{array}$
cassion berry $\quad 10$
way faring 10
pear leaved 0
$\begin{array}{lll}\text { pear leaved } & 0 & 9 \\ \text { lauristinus } & 1 & 0\end{array}$
$\begin{array}{lll}\text { lauristinus } & \mathbf{1} & 0 \\ \text { leaves variegated } & \mathbf{1} & 6\end{array}$
$\begin{array}{lll}\text { leaves variegated } & 1 & 6 \\ \text { shining leaved } & 1 & 0\end{array}$
$\begin{array}{lll}\text { shining leared } & 1 & 0 \\ \text { oval leaved } & 0 & 9\end{array}$
$\begin{array}{lll}\text { oval leaved } & 0 & 9 \\ \text { gelderose } & 0 & 6\end{array}$
$\begin{array}{lll}\text { gelderose } & 0 & 6 \\ \text { ditto American } & \mathbf{0} & 6\end{array}$
$\begin{array}{llll}\text { ditto American } & 0 & 6 \\ \text { ditto red barked } & 0 & 6\end{array}$
$\begin{array}{llll}\text { ditto red barked } & 0 & 6 \\ \text { pubescent } & 0 & 6\end{array}$
plum leaved 10
Periwinkle, greater 0 6
lesser 06
leaves variegated $0 \quad 9$
Adam's Needle, thready 26
leaves variegated $\quad 7 \quad 6$
6

## 93



## Evergreens per Hundred.

$$
\begin{array}{lllll}
£ & \text { s. } & \text { D. } & £ & \text { s. }
\end{array}
$$

Tree, Box ...... 210 0 1 Laurels, Portugal $210 \quad 0$ Laurels, common 110 0 Hollies, plain ... 110 o | Laurestine | ... | 1 | 10 | 0 | Yews, common ... | 1 | 10 | 0 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |

Common Shrubs per Hundred.

$$
£ \text { s. } \quad \text { p. } \quad \underset{\sim}{f} \text { s. } \begin{array}{llll}
\text { D. }
\end{array}
$$

Mixed sorts ...... $110 \quad 0 \quad 10 \mid$ Collection of Roses $5 \quad 0 \quad 0$ Good strongplants 2 00 to 0 t............ 10 0 0

Herbaceous Plants generally 4d each, or £15s. per 100.

Dwarf Box for edging is generally sold per yard, measuring as many plants as a string three feet long will tie round; and the same quantity will plant twenty yards of edging, if young plants, and neatly performed, and is charged from 7 s . to 10 s .

## 94

## Forest Trees per Hundred.



The above prices are taken from the London Catalogues, and where nurserymen pay enormous rents for their grounds; however, as every practical person knows that prices vary acconding to the nature and scarcity of the article, the foregoing will suffice to show the proportion the sorts bear to each other.

The prices are put to the shrubs, \&c., as purchasing a single plant of each sort. Regular nurservmen charge according to the goodness of their plants, making considerable allowance for large orders and good customers.

The most extensive plantings and shrubberies may be supplied from the foregoing

Catalogue. New varieties are obtained every year from abroad, by the industry and perseverance of our respectable and excellent nurserymen, aided by the first noblemen and gentlemen in the kingdom.

The shrubs marked climbers are not all of that class, but will not rise without assistance. 'The Periwinkle cut-leaved Bramble and Trailing Roses, \&e., planted and hanging over natural rocks in shrubberies near foot paths and walks, have a good effect.

The shrubs marked American are not all natives of that quarter, only the most of them require a similar treatment to what are termed bog-carth plants : but our bogearth is not so salutary as the American, therefore it should be prepared, and somewhat fertilized, by mixing about a third of fine mellow vegetable soil, composed of rotten wood and leaf compost. The shrubs should be planted in a sheltered and rather moist situation. Little groves of thriving Rhododendrons, de., planted near a rill, or spring, perchance in extensive shrubberies have a very elegant and warm appearance.

Number of Plants required to plant an acre, from three to ten feet distance.

| feet. | fee |  |
| :---: | :---: | :---: |
| 3 | 7 | 889 |
| 4 | 8 | 680 |
| 5 | 9 | 537 |
| 6 | 10 | 435 |

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The first Number contains forr Views of the Vate of Kenvick: Evch of the Lakcs will form a distinct work, not exceeding threes Nimmers, wheh may ts had separate, and each Nymber will contuin four Plates. A descriptive accoums of eich Lake, with references to the Plates, will be given.

Also, just publiwhed, a View of Lowtheil Castste. By Wrilicen Wratulth, A. R is. P'rice ds.
Iferitul Views of the Cavta in Youkswame. Proof Im-


Huvi: Gedpe To tite Lakes, nrice ts. Smat Euinna, containing the ducieriptive part only, 3s. A variety of Mar's of the Inkus, , Cases, sec.

Any of the above may alsu be fiad of Clurke, Lancaster'; Foster $x_{x}$ Kirkby-Lunsdale; Tilson, Uliverscone; Tioughton, Ambleside; Greenup, Keswick; Allison, Penrith; Noot, Carlisle: and all other Rooksellers.


[^0]:    * A patent has been lately obtained by Mr. Charles Seward, of I ancaster, for the invention of a garden water engine of a peculiar construction. The author has had the opportunity of trying its merits, which he found to be superior.

