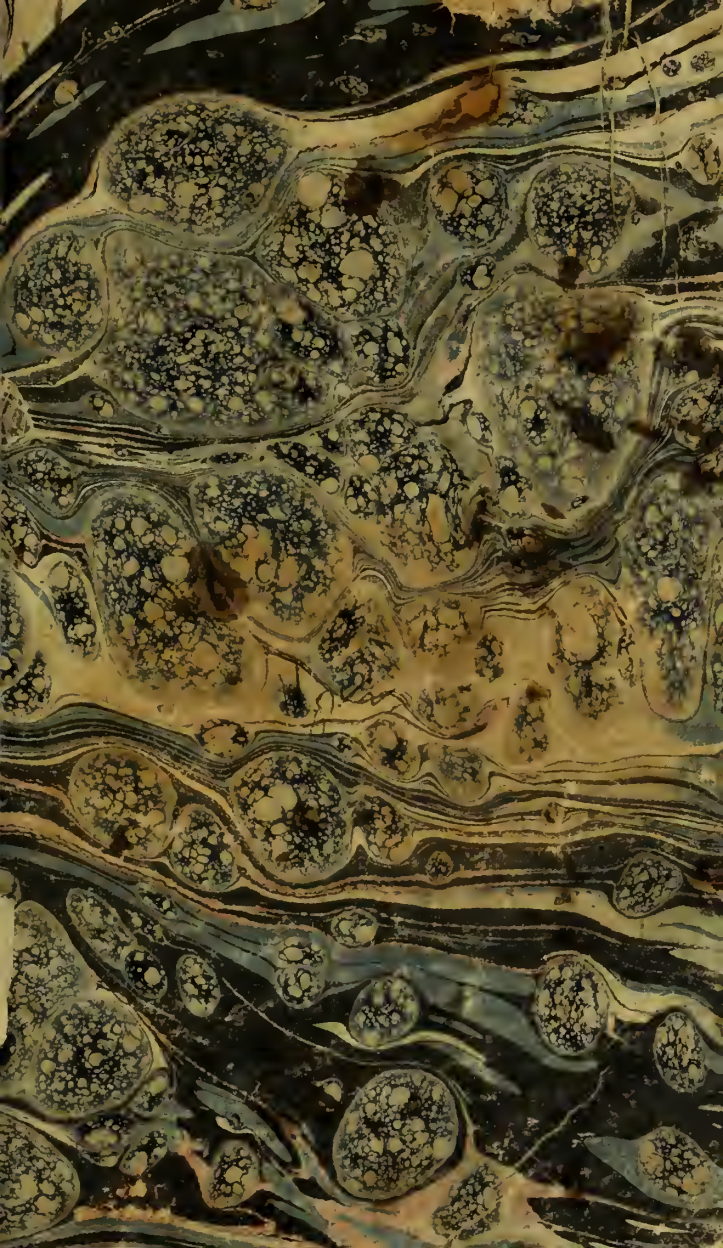


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13.  
For

M<sup>r</sup> William Prince

From His much respected  
Friends &c.

John Bartlam & Son

A decorative flourish consisting of several overlapping loops and curves, resembling a stylized signature or a decorative element.

6-13  
\* FEB 9 1825 \*  
U.S. DEPT.

Robt Carr

Care of Col Geo Bartram

No 68 South Second

Philad.



A  
CATALOGUE

OF

TREES, SHRUBS,

AND

HERBACEOUS PLANTS,

INDIGENOUS TO THE UNITED STATES OF AMERICA;

CULTIVATED AND DISPOSED OF BY

JOHN BARTRAM & SON,

*At their Botanical Garden, Kingsess, near Philadelphia.*

TO WHICH IS ADDED

A

CATALOGUE

OF

FOREIGN PLANTS,

COLLECTED FROM VARIOUS PARTS OF THE GLOBE.

---

PHILADELPHIA:

PRINTED BY BARTRAM AND REYNOLDS, NO. 58, NORTH  
SECOND-STREET.

.....

1807.

THE HISTORY OF THE

ROYAL SOCIETY OF LONDON

FROM ITS INSTITUTION

TO THE PRESENT TIME

BY JOHN VAUGHAN

ESQ.

OF THE SOCIETY

AND

OF THE UNIVERSITY OF OXFORD



## ADVERTISEMENT.

---

WE return thanks to our friends for many valuable presents of rare plants, which have served to increase the variety and usefulness of our collection; and to the public for their encouragement, which has enabled us to render the garden worthy of the general resort of travellers, and the lovers of horticulture.

The following catalogue contains the names of all the plants, both domestic and foreign, which are cultivated and for sale at the Kingsess Botanic garden,—where are disposed of, seeds of American and foreign plants, on the most reasonable terms.

N. B. The curious, by making timely application, may be furnished with dried specimens, of American and foreign plants, &c.

Received of the Treasurer of the State of New York  
the sum of \$1000.00  
for the year ending 1875

1875

1875

## PREFACE.

---

AT the repeated request of our correspondents and friends, both in Europe and at home, to furnish them with a *Catalogue* of the plants of *Kingsess Botanic Gardens*; we have undertaken the task, though arduous, and now present them with the following alphabetical arrangement of them, in three orders, *viz.*

I. TREES and SHRUBS. II. HERBACEOUS PLANTS and GRASSES. III. FERNS, MOSSES and FUNGI. And for the greater conveniency of gardeners and purchasers, we have given them under two divisions or chapters, *i. e.* I. INDIGENOUS. II. EXOTIC.

As this *Nomenclature* is intended principally for the use of the Gardener and Agriculturalist, we have, therefore, given the generally approved names, as exhibited in Linnæus's *Systema Vegetabilium*, and *Species Plantarum*, and for such as have been discovered and named since the last edition of Linnæus, we have consulted *Willdenow*, the *Hort. Kewensis*, *Walter's Flora Caroliniensis*, and other moderns; but have rejected the innovations introduced by some late botanists of eminence and ability, as being of little or no benefit in practical gardening, leaving them for the amusement of systematic botanists and scientific gentlemen, who may at their pleasure recur to their works.

As several of the articles enumerated in this Catalogue have been lately discovered, and have not yet been established in foreign botanical publications; and, as there are some others of which it is difficult to determine the species, owing to vague descriptions and contradictory synonyms, we have taken the liberty to give names to these, which may be either altered or established, as further researches shall develop their true character. But as these are few, and as we have made use of terms descriptive and characteristic, we trust to the liberality and

candour of our correspondents ; and request as a favour, that our friends and the ingenious Botanists, who may consider our errors as not beneath their notice and criticism, will be so candid as freely to point them out for our information, that we may be enabled to give to the public a more correct and useful edition in future.

KINGSEES GARDENS were begun about 80 years since, by JOHN BARTRAM the elder, at a time when there were no establishments of this nature in Pennsylvania, if any in the colonies, unless we may except that of Doctor Clayton, in Virginia, which, though inferior in extent, was furnished with a considerable variety. They are situated on the west banks of the Schuylkill, four miles from Philadelphia, and contain about eight acres of land. The mansion and green houses stand on an eminence from which the garden descends by gentle slopes to the edge of the river ; and on either side the ground rises into hills of moderate elevation, to the summits of which its borders extend. From this scite are distinctly seen the winding course of the Schuylkill, its broad-spread meadows and cultivated farms, for many miles up and down ; and the river Delaware, with the variety of vessels which it is constantly bearing to and from the metropolis of America. Beyond this there is an uninterrupted view of the Jersey shore, from the eastern to the southern horizon. The whole comprehends an extensive prospect, rich in the beauty of its scenery and endless in diversity.

The worthy founder of these gardens, discovered in his early youth, a love for philosophy, and natural history in general. He was, however, particularly drawn to the study of Botany, from considering the importance of vegetables in the practice of medicine, and their indispensable use in the various departments of human economy. But at that time Botany was but little attended to in America ; and in the old world the works of the great Linnæus had not appeared ; he had, therefore, no other aid in studying the great book of nature than his own persevering genius. His view in the establishment was to make it a deposite of the vegetables of these United States, (then British Colonies), as well as those of Europe and other parts of the earth, that they might be the more convenient for investigation. He soon furnished his grounds with the curious and beautiful vegetables in the environs, and by degrees with those more distant, which were arranged according to their natural soil and situation, either in the garden, or on his plantation, which

consisted of between 200 and 300 acres of land, the whole of which he termed his garden

The novelty of this horticultural scene, attracted the notice of the ingenious and curious ; and coming to the knowledge of Europeans, several scientific men in England, particularly of the Royal Society, united to encourage the founder to undertake journeys towards the western frontiers, in order to discover and collect curious and nondescript productions in nature, particularly vegetables, that they might be sent to Europe.

Thus these extensive gardens became the Seminary of American vegetables, from whence they were distributed to Europe, and other regions of the civilized world. They may with propriety and truth be called the *Botanical Academy of Pennsylvania*, since, being near Philadelphia, the Professors of Botany, Chemistry, and Materia Medica, attended by their youthful train of pupils, annually assemble here during the Floral season.

The revered founder lived to see his garden flourish beyond his most sanguine expectations, and extend its reputation both at home and abroad, as the Botanic Garden of America. In this condition it descended to his son, whose care it has been to preserve its well-earned fame, as well by continuing the collection already there, as by making annual excursions to increase the variety. Finding old age coming on, he has lately associated his son with him in the concern, and hopes by their united exertions, the gardens will continue to be worthy of the attention of the lovers of science and the admirers of nature.

IN order to make the Catalogue more useful, we have affixed alphabetical letters to the names in the margin, which refer to the soil and situation in which they naturally grow. Those which require shelter in the winter season, are marked thus (†), such as require the green-house, thus (§), and those which require a stove are distinguished by an asterisk (\*).

- a* A good moist, loose soil.
- b* A good upland or forest soil, loamy on clay.
- c* With moist and shady situation.
- d* A moist loamy soil on clay.
- e* Richest deep and loamy soil.
- f* Wet sandy or boggy soil.
- g* Moist sandy soil.
- h* A moist rich soil in mountains.
- i* Light, sandy, dry ridges.
- o* Any good soil.
- † Require shelter in winter.
- § Require a green-house.
- \* Require a stove or hot-house.



### Abbreviations of Authorities cited in this Catalogue.

<i>Auth.</i>	Author of this catalogue.
<i>Bart.</i>	Barton.
<i>Clayt.</i>	Clayton's Flora Virginica.
<i>Ham.</i>	Hamilton.
<i>Hort. Kew.</i>	Hortus Kewensis.
<i>Hos.</i>	Hosack.
<i>Mich.</i>	Michaux.
<i>Muh.</i>	Muhlenberg.
<i>Syst. Veget.</i>	Systema Vegetabilium.
<i>Walt.</i>	Walter's Flora Caroliniensis.
<i>Willd.</i>	Willdenow
<i>You Cat.</i>	Young's Catalogue of American Plants.

# CATALOGUE.



## TREES AND SHRUBS.

✓ d.	ACER rubrum		✓ a	Æsculus pavia	
✓	saccharinum		✓	pumila	
✓	negundo			With numberless varieties	
	pensylvanicum	}		in colour of the flower,	
h.	montanum			and in stature.	
	<i>Flort. Kew.</i>		d.	Alnus rubra	} <i>Auth.</i>
✓	canadense	}		serrulata	} <i>H. Kew.</i>
	striatum			glauca	
d.	glaucum	}		canadensis	
	macrocar-			✓	autumnalis vel ova-
	pon			ta.*	<i>Auth.</i>
✓ h.	Æsculus flava		o	Amorpha fruticosa	
	parviflora	}		✗ emarginata vel	
	macros-				cerulea
	tatchya			✗ herbacea	
			g	Andromeda arborea	

\* We have thought it most proper to follow the arrangement of the antient, as well as many of the modern botanists, in placing the Alders and Birches under two distinct genera.

The most prominent marks of distinction between the two genera, we shall briefly point out. The Alders are all shrubs and the Birches trees. Secondly, the cones of the former are always found in clusters, with two, three or more attached to one common peduncle, or foot-stalk. Of the latter the cones are solitary, or but one to a peduncle. And lastly, another very striking difference remains to be noticed, *viz.* that the squamæ composing the cones of the alder, are persistent, or continuing on the shrub a considerable time after the seed hath arrived at the state of maturity. But of the Birch the squamæ are deciduous, or falling off soon after the seed is ripe.

- ✓ *g.* *Andromeda paniculata*  
 ✓ *racemosa*  
 ✓ *mariana*  
 ✓ *calyculata*  
 ✓ *axillaris*  
 ✓ *formosa* } *Auth.*  
 ✓ *acumi-* } *o. Frt.*  
 ✓ *nata* } *Kew.*  
 ✓ { *coriacea* } *H. K.*  
 ✓ { *nitida* } *Auth.*  
 ✓ *polyfolia*  
 ✓ *pulverulenta* *Auth.*
- e.* *Annona triloba*  
*glabra*
- e.* *Aralea spinosa*  
*hispida* *Auth.*
- g.* *Arbutus canadensis*
- e.* *Aristolochia siphon*
- i.* *Ascyrum crux andreae*  
*hypericoides*

## AZALÆA.

## Ord. I. NUDIFLORÆ.

- ✓ *a.* *Azalæa nudiflora*  
*coccinea*  
 ✓ *rutilans*  
 ✓ *dissecta vel partita*  
 ✓ *carnea*  
*tricolor*

## Ord. II. VISCOSÆ.

- ✓ *Azalæa viscosa*  
*odorata*  
 ✓ *vittata*  
 ✓ *floribunda*  
*glauca*  
*verticillata\** *Auth.*

- o.* *Baccharis halimifolia*  
*Berberis occidentalis* } *Auth.*  
*canadensis* } *Hort. Kew.*
- ✓ *§* *Befaria hirsuta*  
*d.* *Betula nigra*  
*lenta* } *Clayt.*  
 ✓ *nigra* } *papyracea*  
 ✓ *populifolia*  
 ✓ *pumila*
- ✓ *Bignonia radicans*  
*crucigera*  
*sempervirens*  
*catalpa*

- ✓ *§* *Callicarpa americana*  
*o.* *Calycanthus floridus*  
*d.* *Carpinus ostrya*  
*virginiana*  
 ✓ *Castanea occidentalis* } *Auth.*  
*pumila*
- o.* *Ceanothus americanus*  
 ✓ *Celastrus scandens*  
 ✓ *Celtis occidentalis*  
 ✓ *Cephalanthus occidentalis*  
 ✓ *Cercis canadensis*  
*o.* *Chionanthus virginica*  
*Cissampelos smilacina*  
 ✓ *Clethra arboræa*  
*alnifolia* †
- o.* *Comptonia asplenifolia*  
*a.* *Cornus florida*  
*alternifolia*  
*cercinata*

\* Linnæus and most other botanists after him, suppose that all our species of *Azalæa* are varieties of *Azalæa nudiflora* and *Azalæa viscosa*.

† Our botanists make several other species of *Clethra*; but we think them only varieties of *Clethra alnifolia*.



- a. *Cornus alba*
- sericea
- canadensis }  
h. herbacea }
- ✓ a. *Corylus americana*
- rostrata } *Muh.*
- cornuta } *Auth.*
- ✓ b. *Crategus coccinia*
- ✓ viridis
- ✓ tomentosa
- crus-galli
- ✓ multifida
- ✓ trifida
- ✓ flava
- ✓ pyrifolia
- ✓ g. *Cupressus disticha*
- thyoides
- ✓ *Diospyros virginiana*
- ✓ o. *Dirca palustris*
- ✓ o. *Epiæa repens*
- ✓ h. *Euonimus americanus*
- atropurpureus
- 3 ✓ d. *Fagus ferruginea*
- ✓ *Fothergilla gardeni*
- ✓ *Franklinia florida*
- ✓ *Fraxinus alba*
- nigra
- ✓ c. *Gaultheria procumbens*
- ✓ a. *Gleditsia monosperma*
- triacanthos
- ✓ *Glycine frutescens*
- ✓ *Gordonia pubescens* *Hort.*
- Kew.*
- Gordonia lasianthus*
- ✓ *Guilandina dioica* }  
*Gymnocladus* — } *Mich.*
- ✓ *Halæsia tetraptera*
- ✓ a. *Hamamelis virginica*

- ✓ *Hedera quinque-* } *Ampe-*  
                  *folia* } *lopsis.*  
                  ✓ *cordifolia* } *Mich.*  
                  ✓ *arborea* }
- Hopea tinctoria*
- Hudsonia ericoides*
- † *Hydrangea quercifolia*
- glauca } *Willd.*  
          *radiata* }
- a. ✓ *frutescens*
- ✓ *Hypericum kalmianum*
- macrocarpon*
- ~~*viride*~~ *Auth.*
- angustifolium
- ✓ *Ilex opaca*
- § ✓ *cassine*
- vomitoria*
- g. ✓ *angustifolia*
- ✓ *lurida* } *Auth.*  
          ✓ *canadensis* } *Mich.*
- § a. *Illicium floridanum*
- ✓ *Itea virginica*
- cyrilla\**
- b. *Juglans sativa* *Auth.*
- amara*
- hicorys.rigida* } *Aut.*  
                  *balsamica* }
- lenta*
- cinerea*
- nigra*
- alba*
- Varieties innumerable.
- ✓ *Juniperus virginica*
- ✓ *pseudosabina* *Auth.*
- ✓ *Kalmia latifolia*
- angustifolia
- g. *hirsuta*
- ✓ *glauca*

\* Linnæus calls this plant *Cyrilla racemiflora*; but we are of opinion that it belongs neither to the genus *Cyrilla* or *Itea*, but should constitute a new one.

- ✓ o. *Laurus sassafras*  
     benzoin  
     + *melissæfolia* } *Walt.*  
     *æstivalis* } *Villæ.*  
     + *æstivalis* } *Auth.*  
     *geniculata* } *Walt.*  
     borbonia  
 ✓ g. *Ledum thymifolium*  
     palustre  
 ✓ a. *Liquidambar styraciflua*  
 ✓ *Liriodendron tulipifera*  
 ✓ *Lonicera sempervirens*  
     *simphoricarpos*  
     *media* s. *dioica*  
                                     *Wild.*  
 ✓ b. *diarvilla*  
     *chamæcerasa*  
 ✓ § a *Lycium floridanum* *Auth.*  
 ✓ *Magnolia grandiflora*  
     *glauca*  
     *tripetala*  
     *acuminata*  
     *auriculata*\* *Auth.*  
 ✓ *Menispermum canadense*  
 ✓ b. *Mespilus nivæa*  
     *canadensis*  
     *arbutifolia*  
     *prunifolia*  
     *pumila*  
 ✓ g. *Mitchella repens*  
 ✓ o. *Morus rubra*†  
 ✓ § a. *Mussenda bracteata* *Auth.*  
     *Myrica cerifera*  
     + *gale*  
 ✓ *Nyssa aquatica*  
     *coccinia*  
 ✓ *Nyssa*<sup>o</sup> *denticulata* (*water*  
     *tupelo*)  
 ✓ § *Olea americana*  
 ✓ *Philadelphus inodorus*  
     PINUS.  
     Ord. I. PINI. PINES.  
 a. Pines which have many  
     leaves proceeding from a  
     sheath at their base—  
 ✓ *Pinus strobus*  
     *inops* } *Hort. Kew.*  
     *echinata* } *Auth.*  
     + *toeda*  
     + *alopeкуроidea* *H. Kew.*  
                             *Longtail Pine.*  
     *resinosa* } *H. K.*  
     *lutea* } *Auth.*  
     *palustris* } *Auth.*  
     *macrophylla* } *Auth.*  
                             (*From Pine.*  
     *pendula* *Hort. Kew.*  
                             *American larch.*  
 Ord. II. ABIETES. FIRS,  
 with a single leaf distinct at  
 the base—  
 ✓ d. *Pinus canadensis*  
     *balsamea*  
     *rubra*  
     *nigra*  
     *alba* *H. K.*  
 ✓ *Platanus occidentalis*  
 ✓ § *Populus heterophylla*  
     *balsamifera*  
     *angulata* *Cotton tree*  
                             *of Carolina.*

• It appears that there are many varieties, particularly in the species *Magnolia glauca*, *Magnolia auriculata*, and *Magnolia macrophylla*, which are discovered daily by travellers of observation and curiosity; particularly in the western parts of the southern states.

† This species of *morus* produces many varieties in the figure of the leaf, size and colour of the fruit, as black, deep crimson, or red and white.

- ✓ Populus lævigata } H. K.
- monilifera }
- ✓ Prinos verticillatus
- glaber
- ✗ lævigatus } Aut.
- ✗ nebulatus }
- ✗ pensylvanicus }

PRUNUS.

CERASI.

- o. Prunus sylvestris Auth.
- Wild Cherry.

PRUNI.

- ✓ Prunus americana Great
- Red plumb.
- angustifolia } Auth.
- chicasaw }
- maritima Sea shore
- Plumb.
- ✓ pumila
- ✗ floridana Auth.

PADI.

- ✓ Prunus virginica Wild o.
- Bird Cherry
- ✓ pensylvanica
- caroliniana
- montana

- ✓ o. Ptilia trifoliata
- ✓ h. Pyrola maculata
- rotundifolia
- umbellata
- ✓ a. Pyrus coronaria
- ✓ b. Quercus alba
- rubra
- tinctoria
- villosa
- heterophylla
- sinuata
- ramosissi-
- ma }
- d. ✓ palustris } Mich.

- h. ✓ Quercus nigra
- l. paludosa
- a. aquatica
- virens
- phellos
- prinus
- glauca
- pumila Banisteri.
- ( Mich.
- chinquapin Auth.
- ✓ Dwarf chesnut oak.
- macrocarpon Mich.
- falcata
- lobata } Auth.
- obtusiloba } Mich.
- canescens

The variety of oaks are innumerable.

- h. ✓ Rhamnus pensylvanicus ✗
- ✓ Rhododendron maximum
- punctatum
- aromaticum }
- Auth. }

- Rhus copalinum ✗
- glabrum
- c. ✓ typhinum ✗
- g. vernix
- o. radicans
- toxicodendron
- aromaticum ✗

RIBESIA INERMIA.

- ✓ a. Ribes floridum

GROSSULARIÆ ACULEATÆ.

- ✓ Ribes oxycanthoides ✗
- cynobati ✗
- ✓ Robenia pseudacacia
- hispida
- viscosa
- ✓ Rosa palustris

- ✓ Rosa carolina } Willd.
- corymbosa } Young.
- ✓       pennsylvanica }
- ✓       parviflora } Willd.
- a. Rubus hispida
- occidentalis
- ✓       odoratus
- prostratus *DewBerry*
- Auth.*
- h.       coccineus } *Auth.*
- vel montanus }
- a. Salix falcata } } *Auth.*
- vel fragilis } }
- canescens } }
- pumila } }
- caudata } }
- Sambucus americana
- rubra
- vel canadensis }
- X apiifolia
- var. variegated
- X Sideroxylon sericeum } *Walt.*
- laeve }
- ✓ Smilax rotundifolia
- caduca
- laurifolia
- pseudochina
- pseudosarsaparilla
- Auth.*
- herbacea
- X annua
- ✓ a. Sorbus americana
- ✓ Spiræa opulifolia
- salicifolia
- montana
- tomentosa
- hypericifolia
- ✓ Stewartia malacodendron
- ✓ a. Styrax grandifolium
- laeve

- a. Styrax parvifolium X *Auth.*
- ✓ Taxus procumbens *Auth.*
- ✓ Thuja occidentalis
- ✓ Tilia americana

VACCINIUM.

Ord. I. FOLIIS DECIDUIS.

- ✓ Vaccinium arboreum
- stamineum.
- frondosum
- racemosum
- uliginosum
- hirtum
- mucronatum
- corymbosum
- viride *Auth.*

Ord. II. FOLIIS SEMPERVIRENTIBUS.

- f. Vaccinium macrocarpon
- a. X buxifolium
- ✓ Viburnum arboreum
- prunifolium
- dentatum
- nudum
- lente
- opulifolium
- acerifolium
- pubescens
- levigatum *Auth.*
- ✓ Viscum album (*Mistleoe*)
- grows on *Nyssa*, *Acer-virginicum*.
- a. Vitis occidentalis } *Auth.*
- labrusca } }
- vulpina } }
- var. black
- X red
- X white
- X taurina

X *a.* *Vitis serotina*\* }  
     *alexandria* } *Auth.*  
     *blandia* }  
 The varieties are infinite.  
 ✓ *Ulmus americana*

*a.* *Ulmus viscosa* X  
 ✓ *i.* *Yucca aloefolia*  
 ✓ *o.* *Zanthorhiza apiifolia*  
 ✓ *a.* *Zanthoxylon virginianum*  
     *clava herculis* X

## HERBACEOUS.

*a.* *ACALYPHA virginica*  
*Acnida cannabina*  
*Aconitum napellus*  
*Actæa racemosa*  
     *spicata*  
     var. white-berry  
         blue X  
*Æschynomone palustris*  
 ✓ *Agave virginica* X  
 ✓ *Agrimonia pensylvanica*  
*Aletris farinosa*  
     *aurea*  
*g.* *Alisma subulata*  
     *cordifolia*  
*a.* *Allium canadense*  
     *virginicum*† } X  
     *latifolium* } *Auth.*  
     *rupestre* }  
 ✓ *Amaryllis atamasco*  
 ✓ *Amaranthus luridus*  
     *retroflexus*  
     *hypochondriacus*

*Amaranthus aculeatus* }  
     *vel spinosus* }  
     *albus*  
     *hybridus*  
*Ambrosia trifida*  
     *artemisiifolia*  
*g.* *Ammannia ramosior*  
*a.* *Anchusa virginica*  
 ✓ *Anemone thalictroides*  
     *hepatica*  
     *virginiana*  
     *dichotoma* X  
     *pensylvanica*  
     *quinquefolia*  
 ✓ *Angelica atrapurpurea* X  
     *lucida* X  
*Anthemis cotula*  
*Antirrhinum elatine*  
     *canadense*  
 ✓ *Apocynum androsce-mifoli-*  
     *um*  
     *hypericifolium.*  
     *cannabinum*  
 ✓ *Aquilegia canadensis*

\* Winter or Chicken grape.

† Broad-leaved garlic.

- ✓ *Arabis rupestris* }  
     *lyrata* } *Auth.*  
     *bulbosa*  
     *canadensis*  
     *agrestis*  
 ✓ *Aralia nudicaulis*  
     *racemosa*  
 ✓ *Arethusa bulbosa* ✗  
     *ophioglossoides*  
     *divaricata* ✗  
 ✓ *b. Argemone mexicana*  
   *a. Aristolochia serpentaria*  
 ✓ *Arum dracontium*  
     *triphylllum*  
     *virginicum*  
 ✓ *Asarum canadense*  
     *virginicum*  
 ✓ *Asclepias tuberosa*  
     *decumbens* ✗  
     *serica* } *Auth.*  
     *syriaca* }  
     *incarnata*  
     *purpurascens*  
     *variegata*  
     *pulchra*  
     *verticillata*  
     *amœna* }  
     *quadrifolia* } *Aut*  
     *undulata* ✗  
     *rubra* ✗  
 ✓ *b. Aster dumosus*  
     *ericoides* (*Multiflorus.*  
                   *Willd.*)  
     *tenuifolius*  
     *linifolius*  
     *concolor*  
     *grandiflorus*  
     *squarrosus*  
     *lævis*  
     *tradescanti*  
     *tardiflorus*  
     *novæangliæ*
- b. Aster patens*  
     *diffusus*  
     *mutabilis*  
     *corymbosus*  
     *cordifolius*  
     *linariifolius*  
*Astragalus canadensis*  
*Atriplex halimus*  
     *laciniata*  
     *dumosus*  
  
*g. Bartsia coccinia*  
*a. Bidens frondosa*  
     *bipinnata*  
*Buchnera americana*  
*Bunias cakile*  
*Bupthalmum helianthoi-*  
     *des*  
  
*Cacalia hastata* ✗  
     *suaveolens* ✗  
     *atriplicifolia*  
*b. Cactus opuntia*  
*g. Calitriche verna* *Grows in*  
     *water near springs.*  
     *terrestris in moist*  
     *sandy soil in*  
     *shade.*  
*g. Caltha palustris*  
*b. Campanula americana* ✗  
     *tenilla* ✗  
     *perfoliata*  
 ✓ *Canna indica*  
     *glauca* }  
     *lutea* } *Auth.* ✗  
*Cardamine virginica*  
 ✓ *Carduus spinosissimus*  
     *carolinianus*  
     *virginianus*  
*Cassia nictitans*  
     *chamæcrista*  
     *marylandica*

- b.* Cerastium semidecandrum  
 \ Chelone glabra  
   \ *X* hirsuta  
     penstemon  
 Chenopodium anthelminticum  
 Chironia angularis  
 Chrysosplenum oppositifolium *in runs of water* }  
*a.* Cicuta maculata  
   \ *X* bulbosa  
 \ Circæa canadensis  
 \ Cistus canadensis  
 Claytonia virginica  
 \ Clematis viorna *X*  
   \ *X* crispa *X*  
   \ *X* virginica  
   \ ochroleuca *X*  
   \ verna } *X*  
   \ hybrida } *Auth.*  
 Cleome pentaphylla  
   dodecandra (*Viscosa. Hort. Kew.*)  
 Clinopodium vulgare  
   incanum  
   rugosum  
 Clitoria virginica *X*  
   pennsylvanica *X Auth.*  
   mariana *X*  
 Cnicus ochroleucus *Auth.*  
 \ Collinsonia canadensis  
 Commelina communis  
   virginica  
 Convallaria bifolia  
   majalis *City of Hall's*  
   polygonatum  
   racemosa  
   stellata  
*a.* Convolvulus panduratus  
   arvensis  
   carolinus }  
   nil? *Willd.* }

- a.* Convolvulus batata  
   spithamæus *X*  
   repens  
 Coreopsis coronata? (*Octopetala Auth.*)  
   auriculata  
   tripteris  
   bidens  
   alternifolia  
   frondosa  
   aurea *Auth.*  
   crassifolia  
*b.* Crotalaria sagittalis  
*a.* Cucubalus behen  
   \ stellatus  
   Cunila pulegioides  
     mariana  
   Cuphea viscosissima *Jacq.*  
   \ Cuscuta americana *on other*  
     *vegetables*  
   Cynanchum atrapurpure-  
     um *Auth.*  
     suberosum }  
                   *Clayt.* }  
   Cynoglossum virginicum  
   \ Cypripedium acaule  
     flavum  
     album  
     pumilum  
     reginæ *Auth.*  
   \ Datura stramonium  
   Daucus sylvestris  
   Delphinium exaltatum *X*  
     vernale *Auth.* *X*  
   \ Dentaria laciniata *X*  
   \ Diodea virginica *X*  
*g.* Dionæa muscipula  
*a.* Dioscorea villosa  
   Dodecatheon meadia  
   \ Dolichos regularis *X*  
   \ polystachyos *X*

- b.* *Draba vernalis*  
*x a.* *Dracæna borealis*  
*Dracocephalum virginicum*  
*f.* *Dracontium fœtidum*  
*Drosera rotundifolia*  
*caulescens Auth.*  
*graminifolia Ham.*
- x b.* *Elephantopus scaber*  
*a.* *Epilobium angustifolium*  
*speciosum Auth.*  
*Erigeron canadense*  
*g.* *camphoratum*  
*a.* *heterophyllum*  
*philadelphicum*  
*bellidifolium*  
*g.* *Eryngium aquaticum*  
*a.* *fœtidum*  
*Erysimum officinale*  
*Erythronium maculatum* }  
*(Auth.)*  
*dens canis* }  
*(Syst. Veg.)*
- Eupatorium perfoliatum*  
*sessilifolium*  
*album*  
*lanceolatum*  
*melissoides*  
*rotundifolium*  
*hastifolium*  
*Auth.*  
*altissimum*  
*trifoliatum*  
*purpureum*  
*cœlestinum*  
*aromaticum*  
*scandens*  
*ageratoides*
- x Euphorbia picta Auth.* }  
*cyathiphora Willd.* }  
*maculata*
- x Euphorbia corollata*  
*x polygonifolia*  
*✓ ipecacuanha*
- Fragaria elatior*  
*virginiana*  
*x Fumaria fungosa*  
*sempervirens* }  
*glauca Ham.* }
- Galega virginica*  
*Galium trifidum*  
*tinctorium*  
*bermudianum*
- x Gaura biennis*  
*Gentiana saponaria*  
*ochroleuca*  
*x villosa*  
*linearis*  
*alba*  
*crinita*
- Geranium maculatum*  
*carolinianum*
- b.* *Gerardia flava*  
*a.* *purpurea*  
*b.* *pedicularia*  
*tenuifolia*  
*Geum virginianum*
- a.* *Glycine apios*  
*comosa*  
*monœca*  
*x angulosa*  
*x umbellata*  
*x tomentosa*
- Gnaphalium margaritaceum*  
*plantaginifolium*  
*undulatum*  
*uliginosum*
- Gratiola virginica*



- ✓ *b.* *Hedysarum canadense*
- ✓ *canescens*
- ✓ *marylandicum*
- ✓ *viridiflorum*
- frutescens*
- violaceum*
- paniculatum*
- glutinosum*
- nodiflorum*
- prostratum*
- virginicum*
- a.* *Helenium autumnale*
- ✓ *Helianthus multiflorus*
  - ✓ canescens*
  - ✓ decapetalus*
  - ✓ strumosus*
  - ✓ giganteus*
- ✓ *Heliotropium indicum*
- Helleborus trifolius*
- sa* *Helonias asphodeloides*
  - bullata*
- a.* *Heracleum giganteum* *Auth.*
- Heuchera americana*
  - ✓ virginica*
- ✓ *Hibiscus palustris*
  - speciosus*
  - ✓ carolinus*
  - virginicus*
  - floridanus*
  - moscheutos*
- And many beautiful varieties.
- ✓ *Hieracium venosum*
  - kalmii*
  - gronovii*
  - paniculatum**Auth.*
- Houstonia cerulæa*
- Humulus americanus* *Auth.*
- c.* *Hydrastis canadensis*
- g.* *Hydrocotyle umbellata*
  - americana*
- a.* *Hydrophyllum virginianum*

- a.* *Hydrophyllum canadense*
- Hyoseris prenanthoides*
  - ✓ virginica*
- ✓ *Hypoxis erecta*
- Hypericum ascyroides*
  - canadense*
  - ✓ virginicum*
  - ✓ corymbosum*
  - punctatum**Auth.*
- mutilum*
- Hyssopus nepetoides*
  - schrophularifolius*
  - purpurascens**Auth.*
- g.* *Impatiens noli-me-tangere*
- b.* *Inula mariana*
- a.* *Ipomea coccinia*
  - incarnata*
- ✓ *Iris versicolor*
  - ✓ virginica*
  - ✓ verna*
  - ✓ cristata*
  - hexigona*
- Kuhnia eupatoroides*
- Lactuca elongata*
- ✓ *Lamium amplexicaule*
- b.* *Lechea minor*
  - major*
- Lemna polyrhiza* *on the surface of waters*
- a.* *Leontice thalictroides*
- Lepidium virginicum*
- ✓ *Liatris squarrosa*
  - scariosa*
  - ✓ spicata*
- Lilium superbum*
  - canadense*
  - ✓ philadelphicum*
- ✓ *Limodorum tuberosum*
- Lindernia pyxidaria*

- ✓ a. *Linum virginianum*
- ✓ *Lithospermum virginianum*
- ✓ *Lobelia cardinalis*
- ✓ *siphilitica*
- ✓ *inflata*
- ✓ *kalmii*
- ✓ *Ludwigia alternifolia*
- ✓ *Lupinus perennis*
- ✓ *Lycopus virginicus*
- ✓ *elatior Auth.*
- ✓ *Lysimachia stricta*
- ✓ *quadrifolia*
- ✓ *punctata*
- ✓ *ciliata*
  
- Malaxis ophioglossoides* } *Willd.*
- liliifolia* }
- ✗ *Malva caroliniana*
- ✓ *Martynia annua*
- ✓ *Medeola virginica*
- ✓ *Medicago lupulina*
- ✗ *Melanthium virginicum*
- ✗ *muscatoxicum*
- ✓ *Walt.*
- ✗ *lætum*
- ✗ *phalangoides*
- ✓ *Mentha canadensis*
- ✓ *Menyanthes trifoliata*
- ✓ *nymphoides*
- ✗ *Mimosa virgata*
- ✗ *miamensis vel multabilis* *Auth.*
- ✗ *intsia*
- ✓ *Mimulus ringens*
- ✓ *alatus*
- ✓ *Mitella diphylla*
- ✓ *Mollugo verticillata*
- ✓ *Momordica echinata*
- ✓ *Monarda didyma*
- ✓ *fistulosa*
- ✓ *oblongata*

- a. *Monarda clinopodia* ✗
- ✓ *punctata*
- ✓ *Monotropa hypopithys*
- ✓ *uniflora*
- ✓ *Myositis virginica*
- ✓ *scorpioides*
- ✓ *Napæa dioica* ✗
- ✓ *hermaphrodita* ✗
- ✓ *Nelumbium luteum* *grows*
- ✓ *in lakes and ponds*
- ✓ *Neotia pubescens* } *Willd.*
- ✓ *cernua* }
- g. *Nepeta virginica*
- ✓ *Nicotiana rustica* ✗
- ✓ *tabacum*
- ✓ *paniculata* ✗
- ✓ *Nymphæa advena* *on the*
- ✓ *shores of rivers*
- ✓ *and in ponds.*
- ✓ *odorata* } *in*
- ✓ *alba* } *ponds.*
- a. *Obolaria virginica* ✗
- ✓ *Oenothera biennis*
- ✓ *parviflora*
- ✓ *grandiflora*
- ✓ *fruticosa* ✗
- ✓ *pumila*
- c. *Oldenlandia uniflora*
- ✓ *Orchys ciliaris*
- ✓ *cristata*
- ✓ *viridiflora* } *Auth.*
- ✓ *virescens* } *Mich.*
- ✓ *spectabilis*
- ✓ *fimbriata*
- a. *Origanum vulgare*
- ✓ *Orobanche virginica*
- ✓ *uniflora*
- ✓ *Orontium aquaticum* *in runs*
- ✓ *of water.*
- a. *Oxalis violacea*
- ✓ *stricta*
- ✓ *corniculata*

- h.* *Panax quinquefolium*  
*α.*     *trifolium* }  
*Pancratium mexicanum*  
       *carolinianum*  
*Parnassia americana* *Auth.*  
*Passiflora incarnata*  
       *lutea*  
*Pedicularis canadensis*  
*Penthorum sedoides*  
*Phlox paniculata*  
       *maculata*  
       *subulata*  
       *ovata* X  
       *suaveolens* X  
       *pilosa* X  
       *divaricata* X  
*Phryma leptostachya*  
*Physalis viscosa*  
       *pubescens*  
*Phytolacca decandra*  
*Pinguicula cerulea* X  
       *lutæa* X  
       *alba* X  
*Plantago virginica*  
*Podophyllum peltatum* }  
*f.*     *diphyllum*† }  
*Polemonium virginicum*  
*Polygala incarnata*  
       *senega*  
       *rubella*  
       *lutea*  
       *viridescens*  
*a b.*     *sanguinea*  
*a.*     *verticillata*  
       *cruciata*  
*Polygonum virginicum* (*P.*  
       *rostratum. Muh.*)  
       *pensylvanicum*  
       *erectum*  
       *articulatum*
- f.* *Polygonum aquaticum*  
*a.*     *sagittatum*  
       *arifolium*  
       *scandens*  
       *rubrum* (*P. am-*  
       *phibium. Auth.*)  
*a.* *Polymnia uvedalia*  
       *canadensis*  
       *tetragonotheca*  
*Polyprenum virginicum*  
*Pontederia cordata* *in bogs*  
       *and ponds*  
*Portulaca prostrata* *Auth.*  
       *Common purslain.*  
*Potamogeton gramineum* *in*  
       *water.*  
       *cordatum*  
       *lanceolatum*  
*a.* *Potentilla frutescens* *Auth.*  
*b.*     *canadensis*  
       *pensylvanica*  
       *reptans*  
*a.* *Prenanthes altissima* X  
       *rubicunda* X  
       *alba*  
*f.* *Proserpinaca palustris*  
*b.* *Prunella grandiflora*  
*a.* *Pulmonaria virginica*  
  
*Queria canadensis*  
*Ranunculus abortivus*  
       *pensylvanicus*  
       *aquatilis* *in wa-*  
       *ter.*  
*a.*     *maculatus*  
       *graminifolius*  
       *lanceolatus*  
       *nitidus*  
*Rhexia mariana*  
       *virginica*

- Ricinus communis  
 ✓ Rudbeckia laciniata  
     triloba X  
     fulgida X  
 b.            purpurea  
 a. Ruellia strepens  
     Rumex acetosella  
         sanguineus  
         verticillatus  
         persicarioides  
 f. Sagittaria sagittifolia  
     lanceifolia  
 ✓ b. Salvia lyrata  
 ✓ c. Sanguinaria canadensis  
 a. Sanguisorba media X  
     canadensis  
 ✓ Sanicula marylandica  
     canadensis X  
 ✓ f. Sarracenia purpurea  
     flava  
 b. Sarothra gentianoides  
 f. Saururus cernuus  
 ✓ a. Saxifraga pensylvanica  
     nivalis (*S. rufes-*  
         *tris. Auth.*)  
 Scandix procumbens X  
     suaveolens } *Auth.*  
     vel odorata }  
 Scrophularia marylandica  
 ✓ Scutellaria lateriflora  
     integrifolia  
     hyssopifolia  
 ✓ e. Sedum virginicum } *Auth.*  
     pusillum }  
 a. Senecio hieracifolius  
     canadensis  
     aureus  
 Sicyos angulata  
 Sida abutilon  
     spinosa  
     rhombifolia  
 X Sigesbeckia occidentalis
- b. Silene antirrhina  
     incarnata *Auth.*  
     virginica  
 a. Silphium laciniatum X  
     terebinthaceum X  
     perfoliatum X  
     verticillatum X *Auth.*  
 Sisymbrium nasturtium  
 Sium rigidius  
 Smyrnium aureum  
     integerrimum  
 ✓ Solanum nigrum  
     carolinense  
 ✓ Solidago canadensis  
     mexicana  
     gigantea  
     lateriflora  
     rugosa  
     X patula  
     sempervirens  
     stricta  
     cæsia *Auth.*  
     lanceolata  
     rigida  
     lævigata  
 b.            suaveolens *Auth.*  
 With innumerable varieties.  
 a. Sonchus canadensis  
     macrophyllus *Willd.*  
     floridanus  
     palustris  
 g.            Sophora australis } *Podaly-*  
     tinctoria } *ria.*  
     alba } *Willd.*  
 ✓ Spigelia marylandica  
 ✓ Spiræa trifoliata  
     aruncus X  
     lobata  
 Stachys canadensis  
 Stellaria stricta *Auth.*  
 b. Stylosanthes elatior

- a. *Tabernæmontana amsonia*  
*Teucrium canadense* ✕  
     *virginicum*  
 ✓ *Thalictrum dioicum*  
     *purpurascens*  
*Thapsia trifoliata*  
*Thesium umbellatum*  
*Thymus virginicus*  
*Tiarilla cordifolia* ✕  
*Tillandsia usneoides* on trees.  
 a. *Tradescantia virginica*  
*Trichostema dichotoma*  
 b. *Trifolium reflexum*  
     *comosum*  
     *arvense*  
*Trillium sessile* ✕  
     *pudicum* ✕ *Auth.*  
     *erectum*  
     *mutabile* ✕ *Auth.* }  
     *grandiflorum* ✕ }  
                             *Ham.* }  
 And several varieties.  
*Triosteum perfoliatum*  
 a. *Valeriana locusta* ✕  
*Vallisneria americana* *Auth.*  
     (*In rivers.*)  
 ✓ *Veratrum luteum*\*  
     *viride*  
 ✓ *Verbena hastata*  
     *urticifolia*  
     *caroliniana*  
*Verbesina virginica* ✕
- Vernonia prealta* ✕  
     *noveboracensis*  
 b. ✓ *Veronica virginica*  
     *officinalis*  
     *serpyllifolia*  
     *marylandica*  
     *arvensis*  
 a. ✓ *Vicia pucilla* *Auth.*  
 c. ✓ *Viola palmata*  
     *pedata*  
     *lanceolata*  
     *primulifolia*  
     *hirta*  
     *canadensis*  
     *cordata*  
     *cucullata*  
     *pseudotricolor* *Auth.*  
     *pallida*  
     *sagittata*  
     *stricta*  
     *viridiflora* } *Auth.*  
     *vel micrantha* }  
 ✓ *Urtica pumila*  
     *canadensis*  
*Utricularia alba*  
 ✓ *Uvularia perfoliata*  
     *sessilifolia*  
 o. *Xanthium strumarium*  
 a. ✓ *Yucca filamentosa*  
     *gloriosa*  
*Zanichellia palustris.* ✕

\* Walter, in his *Flora Caroliniensis*, has made this a species of *Melanthium*; but we are of opinion that this beautiful plant belongs to neither of these genera, and should constitute a new family, — dioica.

## GRASSES.

- a.* *Acorus calamus*  
*Agrostis virginica*  
*Andropogon divaricatum*  
       *nutans*  
       *alopecuroides*  
       *virginicum*  
       *bicorne*  
*Anthoxanthum odoratum*  
*Arundo palustris* *Auth.*  
       *gigantea* } *Walt.*  
       *tecta* }  
*Avena pensylvanica*  
       *spicata*  
  
*Bromus purgans*  
       *ciliatus*  
  
*Carex squarrosus*  
       *capillaris*  
       *panicea*  
       *foliculata*  
       *pseudocyperus*  
       *comata*  
*Cenchrus tribuloides*,  
*Cinna arundinacea*  
*Cynosurus indicus*  
*Cyperus odoratus*  
       *compressus*  
       *striatus*  
*Dactylis cynosuroides*  
*Elimus virginicus*  
       *canadensis*  
       *philadelphicus*  
*Eriocaulon decangulare*  
*Eriophorum virginicum*  
       *cyperinum*  
*Hordeum jubatum*
- Juncus effusus*  
       *filiformis*  
       *campestris*  
       *pilosus*  
*Muhlenburghia stricta*  
       *divaricata*  
       *vel diffusa*  
  
*Panicum glaucum*  
       *filiforme*  
       *dichotomum*  
       *capillare*  
       *latifolium*  
       *clandestinum*  
       *virgatum*  
       *sanguinale*  
*Paspalum distichum*  
*Phalaris oryzoides* *Syst. veg.*  
       *Luercia oryzoides?* *Willd.*  
*Poa flava*  
*b.* *capillaris*  
       *compressa*  
       *viridis*  
  
*Schoenus spathaceus*  
       *coloratus*  
       *glomeratus*  
*Scirpus capitatus*  
       *retrofractus*  
*Sparganium erectum*  
*Stipa avenacea*  
*Tripsacum dactyloides*  
*Typha americana* *in marshes*  
*i.* *Uniola paniculata*  
       *spicata*  
  
*a.* *Xyris indica*  
*b.* *Zea mays*  
       *Zizania palustris* *in marshes.*

## PALMÆ, INCLUDING FERNS.

## Ord. I. PALMÆ.

a. *Corypha pumila*

## Ord. II. FILICES.

h. *Acrostichum polypodioides*  
areolatum*Adiantum pedatum**Asplenium rhizophyllum*  
on rocks.n. *Blechnum virginicum**Equisetum arvense*  
scabrum s. limo-  
sum in marshes.*Onoclea sensibilis**Ophioglossum vulgatum**Osmunda virginiana*

regalis

lunaria

claytoniana

cinnamomea

h. *Polypodium lanchites* vel  
auriculatum

virginianum

marginale

a. *Pteris atrapurpurea*

caudata



## MOSESSES.

## Ord. I. Musci.

*Bryum capillaceum*  
heteromallum  
cirratum  
pyriforme  
abietinum  
stellare*Hypnum delicatulum*  
crista castrensis  
curtipendulum  
julaceum  
serpens*Lycopodium rupestre**Lycopodium alopecuroides*  
obscurum  
complanatum  
apodum

With other species.

*Mnium lichenastrum*  
simplex*Polytrichum commune*  
rubens*Porella perforata**Sphagnum palustre*  
imbricatum

## Ord. II. ALGÆ.

*Byssus juniperina*

Conferva fucoides  
                   cervina  
 Jungermania platiphylla  
                           furcata  
 Lichen inscripta  
           fusco-atra  
           palescens  
           stellaris  
           ciliaris  
           vulleus  
           proboscideus  
           cornucopioides

Lichen pixidatus

BRANCHY.

Lichen rangiferinus  
           fragilis  
           plicatus  
           barbatus  
           pulmonarius  
 Marchantia polymorpha  
           tenella  
           fimbriata  
           fragrans

FUNGI.

Agaricus esculentus  
           pucillus  
           fimbriatus  
           fasciculatus  
           integer  
           aurantiacus  
           sanguineus  
           mammosus  
 Boletus perennis

Boletus esculentus  
 Lycoperdon Tuber  
           pyriforme  
           minus  
 Peziza lentifera  
 Phallus reticulatus  
           impudicus  
           rubens



Plants that we have  
checked these ✓  
**EXOTICS.**

**TREES AND SHRUBS.**

- |                                                                 |                                                         |
|-----------------------------------------------------------------|---------------------------------------------------------|
| ✓ ACER pseudoplatanus                                           | ✓ Cornus mascula ( <i>Cornelian</i><br><i>cherry.</i> ) |
| ✓ Æsculus hippocastanum                                         | § Coronilla cretica                                     |
| ✓ Amygdalus persica                                             | ✓ Corylus avillana                                      |
| ✓                   pumila ( <i>flowers</i><br><i>double.</i> ) | ✓ Crategus aria                                         |
| § Arbutus unedo                                                 | oxyacantha                                              |
| ✓ Artemisia absinthium                                          | § Croton sebiferum                                      |
| abrotanum                                                       | § Cupressus sempervirens                                |
| vulgaris                                                        | § Cycas revoluta ( <i>Sago tree.</i> )                  |
| ✓ Aucuba japonica                                               | ✓ Cytisus capitatus                                     |
| ✓ § Azalea pontica                                              | laburnum                                                |
| ✓ Buxus sempervirens                                            | § Daphne indicum                                        |
| var. variegata                                                  | §                   mezereum                            |
| pumila                                                          | §                   cneorum                             |
| ✓ Camelia japonica                                              | §                   pubescens                           |
| ✓ Capsicum baccatum                                             | § Ficus carica                                          |
| ✓ Cercis siliquastrum                                           | ✓ Fraxinus excelsior                                    |
| ✓ § Citrus medica                                               | ✓ Fuchsia coccinia                                      |
| aurantium <i>vel</i> <i>sinen-</i><br><i>sis</i>                | ✓ Gardenia florida                                      |
| var. myrtifolia                                                 | Hedera helix                                            |
| sevil                                                           | ✓ Hibiscus syriacus                                     |
| bitter-sweet                                                    | double flowered                                         |
| double-flowered                                                 | and varieties                                           |
| ✓ Colutea arborescens                                           | § Hydrangea hortensis                                   |
| frutescens                                                      |                                                         |

- \ Hypericum ponticum  
 Δ Jasminum officinale  
 § grandiflorum  
   fruticans  
 Δ Juglans regia  
 \ Juniperus communis  
   sabina  
 § Justicia adhatoda  
 \ Lagerstrœmia indica 2 Var  
 \ Lavendula spica  
 \ Ligustrum vulgare  
 \ Lonicera caprifolium  
   periclimenium  
   var. quercinum  
   variegatum  
 \ Lycium europeum  
 § Magnolia obovata *Junber*  
 \ Melia azedarach  
 \ Mimosa julibrescens  
 \ Morus alba  
   papyrifera  
 § Myrtus communis *ca*  
 § Nereum oleander  
   var. flore pleno  
   flore albo pleno  
 § Passiflora cerulæa  
 \ Pelargonium —  
 Many species and varieties.  
 \ Periploca græca  
 \ Philadelphus coronarius  
 \ Pinus sylvestris  
   cembra  
   larix  
   picea (*silver fir.*)  
   abies  
 \ Platanus orientalis  
 \ Populus dilatata  
 \ Prunus domestica  
   spinosa  
 Prunus cerasus  
 § Punicum granatum  
   var. flo. plen.  
   flo. flav.  
 \ Pyrus communis  
   malus  
   cydonia  
   baccata (*Siberian*  
   *crab.*)  
 \ Quercus robur  
 Rhamnus catharticus  
   paliurus  
   zizyphus  
 § Rhododendron ponticum  
 \ Rhus cotinus  
 \ Ribes rubrum  
   var. album  
   grossularia  
   var. uva-crispa  
 Rosa sulphurea  
   cinnamomea  
   lutea  
   arvensis  
   pimpinellifolia  
   villosa  
   sinica  
   provincialis  
   centifolia  
   gallica  
   prænestina (*flowers*  
   *variegated.*)  
   damascena  
   pumila  
   rubiginosa  
   muscosa  
   canina  
   alba  
   chinensis  
 § semperflorens, &c.  
   &c.  
 § Rosmarinus officinalis  
 \ Rubus idæus

Ruscus androgynus  
 Ruta graveolens  
 Salix babylonica  
     vitellina  
     amygdalina  
     pentandra  
     purpurea  
 Salvia officinalis  
 § Seriscia fœtida  
 Solanum dulcamara  
 § pseudocapsicum  
 Sorbus domestica  
     aucuparia  
 Spartium scoparium  
     junceum  
 § Sterculia fœtida  
 Syringa vulgaris

( Syringa var. fl. albo  
     persica  
 Taxus baccata  
 § Thea viridis  
     bohea  
 Thuja orientalis  
 Thymus serpyllum  
     vulgaris  
 § Verbena triphylla  
 § Viburnum tinus  
     opulus  
 Vitis vinifera (*various*  
     *sorts.*)  
 Ulex europæus  
 Ulmus campestris  
 § Westringia rosmarinifolia



## HERBACEOUS.

Adonis autumnalis  
 § Agave americana  
     var. variegated  
 Agrostema githago  
     coronaria  
 Alcæa ficifolia  
     rosea  
 Allium porrum  
     obliquum  
     sativum  
     cepa  
     moly

Allium fistulosum  
     schænoprasum  
 § Aloe perfoliata  
     margaritifera  
     verrucosa  
     lingua  
     variegata  
     retusa  
     dichotoma  
 Alsine media  
 Althea officinalis  
 Amaranthus sanguineus

Amaranthus melancholicus	Calendula officinalis
Amaryllis lutea	var. flo. pleno
§ formosissima	§ flo. simpliciter
§ sarniensis	Cannabis sativa
§ reginæ	Capsicum annuum
Anagallis arvensis	Cardamine iberis
Anemone patens	Cardiospermum halicacabum
§ hortensis	Carthamus tinctorius
Anethum feniculum	Carum carvi
Angelica archangelica	Celosia cristata
Anthemis nobilis	var. yellow
Antirrhinum majus (and varieties.)	margaritacea
§ linaria	Centaurea cyanus
Apium petroselinum	pectinata
§ graveolens	§ Cheiranthus cheiri
Aquilegia vulgaris (and varieties)	var. flo. pleno
Arachis hypogæa	§ incanus
Arctium lappa	var. flo. pleno
Asparagus officinalis	Chelidonium majus
Asphodelus luteus	corniculatum
§ ramosus	hybridum
Atriplex hortensis	Chenopodium vulvaria
Atropa physaloides	botrys
Avena elatior	§ Chelone barbata
§ sativa	Chrysanthemum indicum
Bellis perennis (and varieties)	leucanthemum
Beta vulgaris	Cochlearia officinalis
Betonica officinalis	armoracea
Blitum capitatum	Colchicum officinale
Borago officinalis	var. flo. pleno
Brassica capitata (and many varieties.)	variegatum
§ rapa	Conium maculatum
§ Cactus ficus indicus	Convallaria majalis
§ tetragonus	Convolvulus purpureus
§ flagelliformis	arvensis
§ melocactus	Coriandrum sativum
§ tuna	Crocus vernus (varieties in colour.)
	officinalis
	Cucubalus behen

- Cucumis sativus (*varieties.*)  
     anguria  
     melo (*varieties.*)  
 Cucurbita lagenaria (*varieties.*)  
     citrullus  
     pepo  
     verrucosa  
     melo pepo  
 § Cyclamen europeum  
     persicum  
 § Cynaria scolymus  
  
 Daucus carota  
 Delphinium consolida  
     var. flo. pleno.  
 Dianthus barbatus  
     carthusianorum  
     chincnsis  
     caryophyllus  
     plumarius  
 Dictamnus alba  
     var. purpurea  
 Digitalis purpurea  
     var alba  
     ferruginea  
 Dipsacus fullonum  
 Dolichos sinensis  
     soja  
 § Dracocephalum canariense  
  
 Echinops sphaerocephalus  
 Erythronium dens canis  
     var. rubrum  
 Euphorbia lathyris  
  
 Fragaria vesca  
 Fritillaria imperialis  
     var. flava  
     meliagris  
 Fumaria fungosa
- Fumaria officinalis  
  
 Galanthus nivalis  
     var. fl. pleno  
 Galega officinalis  
 Geranium moschatum  
     cicutarium  
     sanguineum  
 Gladiolus communis (*and other species.*)  
 Glechoma hederacea  
 Glycyrrhiza glabra  
 Gomphrena globosa  
 Gossipium herbaceum  
  
 Heliotropium europeum  
 Heleborus hiemalis  
     viridis  
 Hemerocallis fulva  
     flava  
 Hibiscus trionum  
     manihot  
     esculentus  
 Holcus sorghum  
     laxus  
 Hordeum vulgare  
 Humulus lupulus  
 Hyacinthus comosus  
     monstrosus  
     muscari  
     scriptus  
     cernuus  
     botryoides  
     orientalis  
 Hyoscyamus niger  
 Hyssopus officinalis;
- Impatiens balsamina  
 Inula helenium  
 Ipomœa quamoclit  
     dissecta

*Iris pumila*  
*susiana*  
*florentina*  
*sambucina*  
*germanica*  
*ochroleuca*  
*persica*  
*siberica*  
 § *pavonia*  
*xiphioides*  
*xiphium*  
*lutea*  
*variegata*  
*Isatis tinctoria*  
*Ixia chinensis*  
 § *hyalina*  
 § *maculata*  
 § *crocata*

And several other species.

*Lactuca sativa*  
 var. *romana*  
 And numerous varieties.  
*Lathyrus latifolia*  
*Leontidon taraxacum*  
*Leonurus cardiaca*  
*sibiricus*  
*Lepidium iberis*  
*Leucogonum æstivum*  
*Ligusticum levisticum*  
*Lilium candidum*  
*bulbiferum*  
*martagon*  
*Linum usitatissimum*  
*Lolium temulentum*  
*Lunaria annua*  
*Lupinus lutæus*  
*Lychnis dioica*  
*chalcedonica*  
  
*Malva rotundifolia*

*Malva mauritana*  
*crispa*  
*alcæa*  
*Marubium vulgare*  
*Marricaria parthenium*  
 var. *flo. pleno.*  
*Melissa officinalis*  
*Mentha viridis*  
*piperita*  
*citrata*  
 § *Mesembryanthemum crys-*  
*tallinum*  
 § *cordifolium*  
 § *Mimosa pudica*  
*Mirabilis jalapa*  
*Momordica charantia*  
  
*Narcissus poeticus*  
*pseudo-narcissus*  
*bicolor*  
*minor*  
*jonquilla*  
*odorus*  
*tazetta*  
*bulbocodium*  
*triandrus*  
 And many varieties.  
*Nepeta cataria*  
*Nigella damascena*  
*Ocimum basilicum*  
*Origanum vulgare*  
*majorana*  
*Ornithogalum umbellatum*  
*Oryza sativa*  
*Pæonia officinalis*  
*Papaver rhæas*  
*dubium*  
 And varieties.  
*Pastinaca sativa*  
*Phalaris canariensis*  
*Phaseolus vulgaris*

- Phaseolus lunatus**  
     semierectus  
     coccineus  
**Pisum sativum** (*varieties.*)  
**Plantago major**  
**Polyanthes tuberosa** (*double.*)  
**Polygonum orientale**  
     aviculare  
     fagopyrum  
**Portulaca oleracea** (*white and green.*)  
**Potentilla argentea**  
**Primula auricula**  
     veris  
     farinosa  
     cortusoides  
**And endless varieties.**  
**Ranunculus ficaria** (*double.*)  
     bulbosus  
**Raphanus sativus**  
**Reseda luteola**  
     odorata  
**Rheum undulatum**  
     raponticum  
     compactum  
**Rumex sanguineus**  
     crispus  
     obtusifolius  
     patientia  
**Salvia sclarea**  
**Saponaria officinalis**  
**Scabiosa atrapurpurea**  
**Scandix cerefolium**  
**Scilla campanulata**  
**Secale cereale**  
**Sedum telephium**  
**Sempervivum tectorum**  
**Sida cristata**  
**Silene armorea**  
**Sinapis nigra**  
**Solanum melongena**
- Solanum lycopersicum**  
**Spilanthus oleracea**  
**Spinacia oleracea**  
**Stachys lanata**  
**Symphytum officinale**  
  
**Tagites erecta**  
     patula  
**Tanacetum vulgare**  
**Thalictrum minus**  
**Thlaspi bursa pastoris**  
**Tragopogon porrifolium**  
**Trifolium repens**  
     hybridum  
     officinale  
**Triticum æstivum**  
     hybernum  
     compositum  
     spelta  
**Tropeolum majus**  
**Tulipa gesneriana**  
**And innumerable varieties.**  
**Tulipa sylvestris**  
**Tussilago farfara**  
     petassites  
**Valeriana phu**  
     rubra  
**Verbascum thapsus**  
     thapsoides  
     blattaria  
**Veronica spicata**  
     officinalis  
     agrestis  
**Viscia faba** (*and varieties.*)  
**Vinca major**  
     minor  
     var. variegata  
**Viola odorata**  
     var. flo. pleno  
     tricolor(*and varieties.*)  
**Zinnia multiflora**  
     *Red and Yellow.*















