

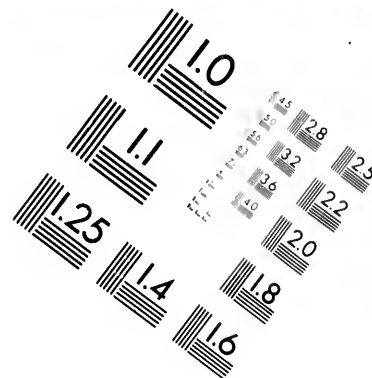
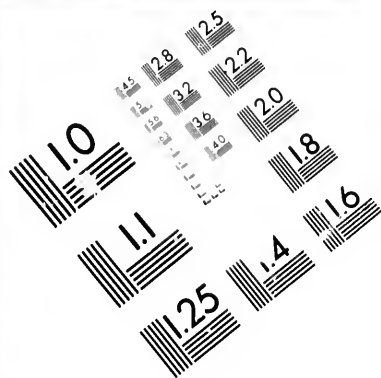
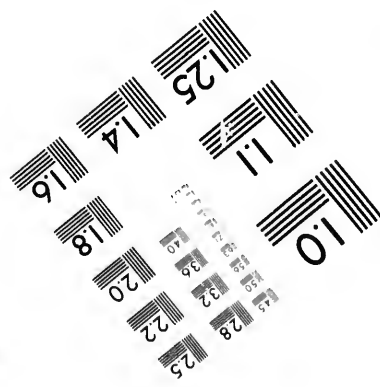
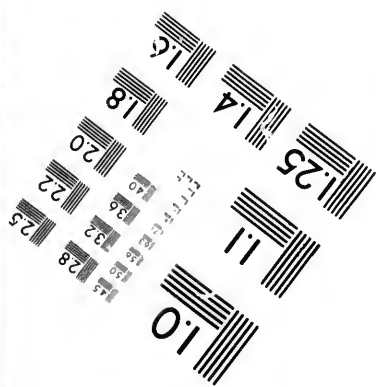
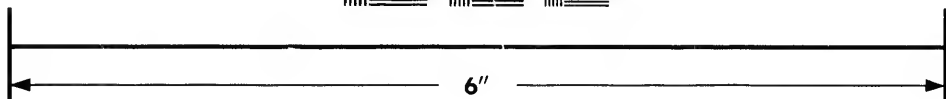
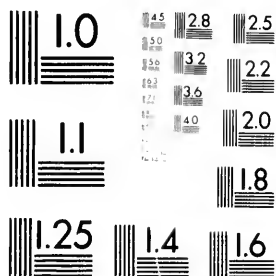


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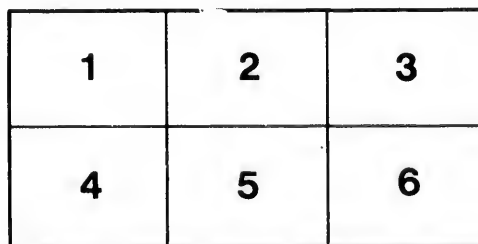
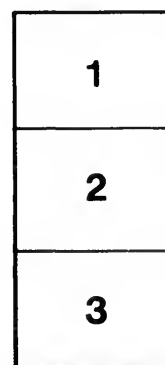
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trata
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elure,
à

CATALOGUE OF PLANTS

WHICH HAVE BEEN FOUND GROWING WITHOUT CULTIVATION IN THE

PARK AND ITS OUTLYING TERRITORIES.

COLLECTED, MOUNTED AND CATALOGUED FOR THE

PARK HERBARIUM

IN THE SUPERINTENDENT'S OFFICE AT

NIAGARA FALLS, ONTARIO.

BY

RODERICK CAMERON,

Chief Gardener.

QUEEN VICTORIA NIAGARA FALLS PARK.

JAMES WILSON, ESQ.,
Superintendent.

DEAR SIR,—Acting under your instructions I have, at odd moments during the past five years, collected a large number of specimens of the better known plants found growing without cultivation in the Park, and have mounted and catalogued them for convenience of reference.

So far 107 families, comprising 487 genera and 1,101 distinct species, have been found; and I have no doubt that others will yet be discovered. As you desired to have the catalogue embrace only such plants as have been mounted and are on evidence in the Herbarium, I have not included any of the many other species not found by me but which have been noted by visiting botanists from time to time in the immediate vicinity of the Park.

I have to thank Professor John Macoun, the eminent Chief Botanist of the Geological Survey of Canada, for verifying the names of the several species and for many acts of courtesy and words of encouragement.

The whole respectfully submitted.

RODERICK CAMERON,
Gardener.

THE PARK, NIAGARA FALLS,
February, 1896.

NAMES OF THE NATURAL ORDERS OF PLANTS.

(As defined in Gray's Manual of Botany, Sixth Edition.)

ORDER.	FAMILY.	No. of genera.	No. of species.
1	Ranunculaceæ (Crowfoot)....	11	24
2	Magnoliaceæ (Magnolia)....	2	3
3	Anonaceæ (Custard Apple)....	1	1
4	Menispermaceæ (Moonseed)....	1	1
5	Berberidaceæ (Barberry)....	4	4
6	Nymphæaceæ (Water-Lily)....	1	3
7	Sarraceniaceæ (Pitcher Plants)....	1	1
8	Papaveraceæ (Poppy)....	3	3
9	Fumariaceæ (Fumitory)....	1	2
10	Cruciferae (Mustard)....	17	32
11	Capparidaceæ (Caper)....	1	1
13	Cistaceæ (Rock-Rose)....	1	1
14	Violaceæ (Violet)....	2	13
15	Caryophyllaceæ (Pink)....	7	17
16	Portulacaceæ (Purslane)....	2	3
18	Hypericaceæ (St. John's Wort)....	2	7
20	Malvaceæ (Mallow)....	3	5
21	Tiliaceæ (Linden)....	1	2
22	Linaceæ (Flax)....	1	3
23	Geraniaceæ (Geranium)....	4	7
24	Rutaceæ (Rue)....	2	3
25	Ilicineæ (Holly)....	1	1
26	Celastraceæ (Staff-Tree)....	2	3
27	Rhamnaceæ (Buckthorn)....	1	1
28	Vitaceæ (Vine)....	2	3
29	Sapindaceæ (Soapberry)....	4	7
30	Anacardiaceæ (Cashew)....	1	6
31	Polygalaceæ (Milkwort)....	1	2
32	Leguminosæ (Pulse)....	15	35
33	Rosaceæ (Rose)....	14	50
35	Saxifragaceæ (Saxifrage)....	6	12
36	Crassulaceæ (Orpine)....	2	3
38	Hamamelidæ (Witch-Hazel)....	1	1
39	Haloragææ (Water-Milfoil)....	1	3
41	Lythraceæ (Loosestrife)....	2	2
42	Onagraceæ (Evening-Primrose)....	5	10
47	Ficoideæ (Parsley)....	1	1
48	Umbelliferae (Parsley)....	14	18
49	Araliaceæ (Ginseng)....	1	5
50	Cornaceæ (Dogwood)....	2	9
51	Caprifoliaceæ (Honeysuckle)....	6	19
52	Rubiaceæ (Madder)....	5	14
53	Valerianaceæ (Valerian)....	1	1
54	Dipsaceæ (Teasel)....	1	1
55	Compositæ (Composite)....	40	100

	ORDER.	FAMILY.	No. of genera.	No. of species.
56	Lobeliaceæ	(Lobelia)	1	6
57	Campanulaceæ	(Campanula)	2	5
58	Ericaceæ	(Heath)	11	22
61	Primulaceæ	(Primrose)	4	7
65	Oleaceæ	(Olive)	3	6
66	Apocynaceæ	(Dogbane)	1	2
67	Asclepiadaceæ	(Milkweed)	3	8
69	Gentianaceæ	(Gentian)	2	5
70	Polemoniaceæ	(Polemonium)	2	2
71	Hydrophyllaceæ	(Waterleaf)	1	2
72	Borraginaceæ	(Borage)	6	12
73	Convolvulaceæ	(Convolvulus)	2	3
74	Solanaceæ	(Nightshade)	6	12
75	Scrophulariaceæ	(Figwort)	14	28
76	Orobanchaceæ	(Broom-Rupe)	3	3
77	Lentibulariaceæ	(Bladderwort)	1	3
79	Pedaliaceæ		1	1
80	Acanthaceæ	(Acanthus)	1	1
81	Verbenaceæ	(Vervain)	2	3
82	Labiataæ	(Mint)	17	25
83	Plantaginaceæ	(Plantain)	1	3
86	Amarantaceæ	(Amaranth)	1	3
87	Chenopodiaceæ	(Goosefoot)	3	8
88	Phytolaccaceæ	(Pokeweed)	1	1
89	Polygonaceæ	(Buckwheat)	3	19
91	Aristolochiaceæ	(Birthwort)	1	1
92	Piperaceæ	(Pepper)	1	1
93	Lauraceæ	(Laurel)	2	2
94	Thymelæaceæ	(Mezereum)	1	1
95	Elæagnaceæ	(Oleaster)	1	1
97	Santalaceæ	(Sandalwood)	1	1
98	Euphorbiaceæ	(Spurge)	2	6
99	Urticaceæ	(Nettle)	8	11
100	Platanaceæ	(Plane-Tree)	1	1
101	Juglandaceæ	(Walnut)	2	7
103	Cupuliferæ	(Oak)	7	17
104	Salicaceæ	(Willow)	2	11
106	Ceratophyllaceæ	(Hornwort)	1	1
107	Coniferæ	(Pine)	8	11
108	Hydrocharidaceæ	(Frog's-Bit)	3	3
110	Orchidaceæ	(Orchid)	10	21
113	Iridaceæ	(Iris)	2	2
114	Amaryllidaceæ	(Amaryllis)	1	1
115	Dioscoreaceæ	(Yam)	1	1
116	Liliaceæ	(Lily)	11	25
117	Pontederiaceæ	(Picker-Weed)	2	2
121	Juncaceæ	(Rush)	2	12
122	Typhaceæ	(Cat-Tail)	2	4
123	Araceæ	(Arum)	2	2
125	Alismaceæ	(Water-Plantain)	3	6
126	Naiadaceæ	(Pondweed)	2	10
128	Cyperaceæ	(Sedge)	6	58

	ORDER.	FAMILY.	No. of genera.	No. of species.
129	Gramineæ	(Grass)	28	52
130	Equisetaceæ	(Horsetail)	1	7
131	Filices	(Ferns)	14	33
132	Ophioglossaceæ	(Adder's Tongue)	1	7
133	Lycopodiaceæ	(Club-Moss)	1	3
134	Selaginellaceæ	2	2	
137	Jungermanniaceæ	(Scale-Mosses)	11	12
138	Marchantiaceæ	(Liverwort)	3	3
139	Musci	34	89	
140	Lichens	18	41	

Order 1. RANUNCULACEÆ.—Crowfoot Family.

CLEMATIS.

Clematis Virginiana Virgin's Bower.

ANEMONE.

Anemone cylindrica Long-fruited Anemone.
Anemone nemorosa Wood Anemone or Wind-flower.
Anemone dichotoma Anemone.

HEPATICA.—Liver Leaf.

Hepatica triloba Round-lobed Hepatica.
Hepatica acutiloba Sharp-lobed Hepatica.

THALICTRUM.—Meadow Rue.

Thalictrum anemonoides Rue Anemone.
Thalictrum polygamum Meadow Rue.
Thalictrum dioicum Early Meadow Rue.

RANUNCULUS.—Crowfoot, Buttercup.

Ranunculus aquatilis var *trichophyllus* . . Water Crowfoot.
Ranunculus sceleratus Cursed Crowfoot.
Ranunculus recurvatus Hooked Crowfoot.
Ranunculus Pennsylvanicus Bristly Crowfoot.
Ranunculus fascicularis Early Crowfoot.
Ranunculus repens Creeping Crowfoot.
Ranunculus acris Buttercup Crowfoot.
Ranunculus Flammula var *reptans* Creeping Crowfoot.

CALTHA.—Marsh Marigold.

Caltha palustris Marsh marigold.

COPTIS.—Gold Thread.

Coptis trifolia Three-leaved Gold thread.

AQUILEGIA.—Columbine.

Aquilegia Canadensis Wild Columbine.

CIMICIFUGA.—Bugbane.

Cimicifuga racemosa Black Snakeroot.

ACTÆA.—Baneberry.

Actæa spicata var *rubra* Red Baneberry.

Actæa alba White Baneberry.

HYDRASTIS.—Orange Root.

Hydrastis Canadensis Golden Seal.

Order 2. MAGNOLIACEÆ.—Magnolia Family.

MAGNOLIA.

Magnolia acuminata Cucumber Tree.

Magnolia umbrellæ Umbrella Tree.

LIRIODENDRON.

Liriodendron tulipifera Tulip tree.

Order 3. ANONACEÆ.—Custard Apple Family.

ASIMINA.—North American Papaw.

Asimina triloba Papaw tree.

Order 4. MENISPERMACEÆ.—Moonseed Family.

MENISPERMUM.

Menispermum Canadense Moonseed.

Order 5. BERBERIDACEÆ.—Barberry Family.

BERBERIS.

Berberis vulgaris Common barberry.

CAULOPHYLLUM.

Caulophyllum thalictroides Blue cohosh or Pappoose-root

JEFFERSONIA.

Jeffersonia diphylla Twin leaf.

PODOPHYLLUM.

Podophyllum peltatum May apple.

Order 6. NYMPHÆACEÆ.—Water Lily Family.

NYMPHÆA.

Nymphaea odorata Sweet scented water lily.

NUPHAR.

Nuphar advena Yellow water lily.

Nuphar pumilum..... Small yellow water lily.

Order 7.—SARRACENIACEÆ.—Pitcher Plant Family.

SARRACENIA.

Sarracenia purpurea Side saddle flower.

Order 8. PAPAVERACEÆ.—Poppy Family.

SANGUINARIA.

Sanguinaria Canadensis Bloodroot.

CHELIDONIUM.

Chelidonium majus Celandine.

PAPAVER.

Papaver somniferum Common poppy.

Order 9.—FUMARIACEÆ.—Fumitory Family.

DICENTRA.

Dicentra Cucullaria..... Dutchman's breeches.

Dicentra Canadensis Squirrel corn.

Order 10. CRUCIFERÆ.—Mustard Family.

DENTARIA.—Toothwort.

Dentaria diphylla Toothwort pepper root.

Dentaria laciniata Toothwort pepper root.

CARDAMINE.—Bitter Cress.

Cardamine rhomboidea Spring cress.

Cardamine rhomboidea var purpurea... Spring cress.

Cardamine hirsuta Small bitter cress.

ARABIS.—Rock Cress.

<i>Arabis lyrata</i>	Rock cress.
<i>Arabis confinis</i>	Rock cress.
<i>Arabis hirsuta</i>	Rock cress.
<i>Arabis lævigata</i>	Rock cress.
<i>Arabis Canadensis</i>	Sickle pod.
<i>Arabis perfoliata</i>	Tower mustard.

ALYSSUM.

<i>Alyssum calycinum</i>	Yellow alyssum.
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LUNARIA.—Satin Flower.

<i>Lunaria biennis</i>	Honesty.
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CAMELINA.

<i>Camelina sativa</i>	False flax.
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NASTURTIIUM.

<i>Nasturtium officinale</i>	True water cress.
<i>Nasturtium palustre</i>	Marsh cress.
<i>Nasturtium palustre</i> var <i>hispidum</i>	Marsh cress.
<i>Nasturtium armoracia</i>	Horse radish.

BARBAREA.—Winter Cress.

<i>Barbarea vulgaris</i>	Common winter cress.
<i>Barbarea vulgaris</i> var <i>stricta</i>	Common winter cress.

HESPERIS.—Rocket.

<i>Hesperis matronalis</i>	Dame's Violet.
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ERYSIMUM.—Treacle Mustard.

<i>Erysimum cheiranthoides</i>	Worm seed mustard.
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SISYMBRIUM.

<i>Sisymbrium officinale</i>	Hedge mustard.
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BRASSICA.

<i>Brassica sinapistrum</i> or <i>sinapis arvensis</i> ..	English charlock.
<i>Brassica</i> (or <i>sinapis</i>) <i>nigra</i>	Black mustard.
<i>Brassica rapa</i>	Turnip.

CAPSELLA.

<i>Capsella Bursa-pastoris</i>	Shepherd's purse.
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THLASPI.

Thlaspi arvense Penny cress.

LEPIDIUM.—Pepperwort.

Lepidium intermedium Wild pepper grass.

Lepidium campestre Pepperwort pepper grass.

CAKILE.

Cakile Americana American sea rocket.

RAPHANUS.

Raphanus sativus Garden radish.

Order 11. CAPPARIDACEÆ.—Caper Family.**POLANISIA.**

Polanisia graveolens Polanisia.

Order 13. CISTACEÆ.—Rock Rose Family.

Helianthemum Canadense Frost weed.

Order 14. VIOLACEÆ.—Violet Family.**VIOLA.—Heart's-ease.**

Viola rotundifolia Round-leaved violet.

Viola lanceolata Lance-leaved violet.

Viola blanda Sweet white violet.

Viola odorata Sweet or English violet.

Viola palustris Marsh violet.

Viola palmata var *cucullata* Common blue violet.

Viola canina var *sylvestris* Dog violet.

Viola rostrata Long-spurred violet.

Viola Canadensis Canada violet.

Viola pubescens Downy yellow violet.

Viola eriocephalus

Viola tricolor Pansy or heartsease.

SOLEA.

Solea concolor Green violet.

Order 15. CARYOPHYLLACEÆ.—Pink Family.

DIANTHUS.—Carnation.

Dianthus armeria Deptford pink.

SAPONARIA.—Soapwort.

Saponaria officinalis Bouncing Bet.

SILENE.

Silene antirrhina Sleepy catchfly.

Silene stellata Starry campion.

LYCHNIS.—Cockle.

Lychnis vespertina Evening lychnis.

Lychnis Githago Corn cockle.

Lychnis diurna Ragged Robin.

ARENARIA.—Sandwort.

Arenaria serpyllifolia Thyme leaved sandwort.

Arenaria lateriflora Sandwort.

STELLARIA.

Stellaria media Common chickweed.

Stellaria longifolia Long-leaved stitchwort.

Stellaria longipes Long-stalked stitchwort.

CERASTIUM.

Cerastium vulgatum Mouse-ear chickweed.

Cerastium viscosum Larger mouse-ear chickweed.

Cerastium nutans Annual chickweed.

Cerastium arvense Field chickweed.

Order 16. PORTULACACEÆ.—Purslane Family.

PORTULACA.

Portulaca oleracea Common purslane.

CLAYTONIA.—Spring Beauty.

Claytonia Virginica Narrow-leaved spring beauty.

Claytonia Caroliniana Broad-leaved spring beauty.

Order 18. HYPERICACEÆ.—St. John's Wort Family.

HYPERICUM.

<i>Hypericum Kalmianum</i>	Kalm's St. John's wort.
<i>Hypericum perforatum</i>	Common St. John's wort.
<i>Hypericum mutilum</i>	Hypericum.
<i>Hypericum maculatum</i>	Hypericum, Corymbed.
<i>Hypericum Canadense</i>	Hypericum.
<i>Hypericum Canadense</i> var <i>majus</i>	Hypericum.

ELODES.

<i>Elodes Virginica</i> or <i>campanulata</i>	Marsh St. John's wort.
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Order 20. MALVACEÆ.—Mallow Family.

MALVA.—Mallow.

<i>Malva rotundifolia</i>	Common mallow.
<i>Malva moschata</i>	Musk mallow.

ABUTILON.—Indian Mallow.

<i>Abutilon Avicennæ</i>	Velvet leaf.
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HIBISCUS.—Rose Mallow.

<i>Hibiscus Trionum</i>	Bladder ketmia,
<i>Hibiscus Moscheutos</i>	Swamp Rose mallow.

Order 21. TILIACEÆ.—Linden Family.

TILIA.—Linden or Basswood.

<i>Tilia Americana</i>	Basswood.
<i>Tilia Europæa</i>	European linden.

Order 22. LINACEÆ.—Flax Family.

LINUM.

<i>Linum striatum</i>	Flax.
<i>Linum usitatissimum</i>	Common flax.
<i>Linum Virginianum</i>	Flax.

Order 23. GERANIACEÆ.—Geranium Family.

GERANIUM.

- Geranium maculatum Wild cranesbill.
 Geranium pusillum..... Small flowered cranesbill.
 Geranium Robertianum Herb Robert.

FLÆRKEA.

- Flœrkea proserpinacoides False mermaid.

OXALIS.—Wood Sorrel.

- Oxalis corniculata, var stricta Yellow wood sorrel.

IMPATIENS.—Balsam Jewel Weed.

- Impatiens pallida Pale touch-me-not.
 Impatiens fulva Spotted touch-me-not.

Order 24. RUTACEÆ.—Rue Family.

ZANTHOXYLUM.—Prickly Ash.

- Zanthoxylum Americanum..... Northern Prickly Ash.

PTELEA.—Shrubby Trefoil or Hop tree.

- Ptelea trifoliata Hop tree.
 Ailanthus glandulosus..... Tree of Heaven.

Order 25. ILICINEÆ.—Holly Family.

ILEX.—HOLLY.

- Ilex verticillata Black alder. Winterberry.

Order 26. CELASTRACEÆ.—Staff Tree Family.

CELASTRUS.—Shrubby Bitter Sweet.

- Celastrus scandens Wax work or climbing bitter sweet.

EUONYMUS.

- Euonymus atropurpureus Burning Bush.
 Euonymus Americanus, var obovatus .. Trailing euonymus.

Order 27. RHAMNACEÆ.—Buckthorn Family.

CEANOTHUS.—Red-root.

Ceanothus Americanus New Jersey tea.

Order 28. VITACEÆ.—Vine Family.

VITIS.—Grape.

Vitis æstivalis Summer grape.

Vitis riparia Frost grape.

AMPELOPSIS.—Virginian Creeper.

Ampelopsis quinquefolia Virginian creeper.

Order 29. SAPINDACEÆ.—Soapberry Family.

ÆSCULUS.

Æsculus Hippocastanum Common horse-chestnut.

ACER.—Maple.

Acer spicatum Mountain maple.

Acer saccharinum Sugar or rock maple.

Acer dasycarpum White or silver maple.

Acer rubrum Red or swamp maple.

NEGUNDO.—Ash Leaved Maple or box-elder.

Negundo aceroides Box elder.

STAPHYLEA.

Staphylea trifolia American bladder nut.

Order 30. ANACARDIACEÆ.—Cashew Family.

RHUS.—Sumach.

Rhus typhina Stag horn sumach.

Rhus glabra Smooth sumach.

Rhus venenata Poison sumach, or dogwood.

Rhus toxicodendron Poison ivy, or poison oak.

Rhus aromatica Fragrant sumach.

Rhus toxicodendron var *radicans* Poison ivy.

Order 31. POLYGALACEÆ.—Milkwort Family.

POLYGALA.

- Polygala verticillata* Milk wort.
Polygala senega Seneca snakeroot.

Order 32. LEGUMINOSÆ.—Pulse Family.

LUPINUS.—Lupine.

- Lupinus perennis* Wild lupine.

TRIFOLIUM.—Clover.

- Trifolium arvense* Rabbit foot clover.
Trifolium pratense Red clover.
Trifolium repens White clover.
Trifolium agrarium Yellow or hop clover.
Trifolium procumbens Low hop clover.
Trifolium hybridum Alsike.

MELILOTUS.—Sweet Clover.

- Melilotus officinalis* Yellow meliot.
Melilotus alba White meliot.

MEDICAGO.—Medick.

- Medicago savita* Lucerne.
Medicago lupulina Black medick, or nonesuch.

ROBINIA.—Locust Tree.

- Robinia Pseudacacia* Common locust or false Acacia.
Robinia viscosa Clammy locust.

ASTRAGALUS.

- Astragalus Canadensis* Tall milk vetch.
Astragalus Cooperi Downy milk vetch.

GLYCYRRHIZA.

- Glycyrrhiza lepidota* Wild liquorice.

DESMODIUM.—Tick Trefoil.

- Desmodium nudiflorum* Tick trefoil.
Desmodium acuminatum Tick trefoil.
Desmodium rotundifolium Tick trefoil.
Desmodium cuspidatum Tick trefoil.
Desmodium paniculatum Tick trefoil.
Desmodium Canadense Tick trefoil.
Desmodium rigidum Tick trefoil.

 LESPEDEZA.

- Lespedeza reticulata Bush clover.
 Lespedeza hirta Bush clover.

VICIA.—Vetch. Tare.

- Vicia Cracca Vetch.
 Vicia Caroliniana Vetch.
 Vicia Americana Vetch.

LATHYRUS.—Everlasting Pea.

- Lathyrus ochroleucus Vetchling.
 Lathyrus palustris Marsh vetchling.
 Lathyrus palustris var myrtifolius

APIOS.—Wild Bean.

- Apios tuberosa Ground nut.

PHASEOLUS.

- Phaseolus diversifolius Kidney bean.

AMPHICARPEA.—Hog Peanut.

- Amphicarpea monoica Hog peanut.

GYMNOCLADUS.

- Gymnocladus Canadensis Kentucky coffee tree.

GLEDITSCHIA.

- Gleditschia triacanthus Honey locust.

Order 33.—ROSACEÆ.—Rose Family.

PRUNUS.—Plum, Cherry, etc.

- Prunus Americana Wild yellow or red plum.
 Prunus Pennsylvanica Wild red cherry.
 Prunus Virginiana Choke cherry.
 Prunus serotina Wild black cherry.
 Prunus cerasus Black choke cherry.

SPIRÆA.—Meadow Sweet.

- Spiræa opulifolia Nine bark.
 Spiræa salicifolia Meadow sweet.

 RUBUS.—Bramble.

<i>Rubus odoratus</i>	Purple flowering raspberry.
<i>Rubus triflorus</i>	Dwarf raspberry.
<i>Rubus strigosus</i>	Wild red raspberry.
<i>Rubus occidentalis</i>	Black raspberry.
<i>Rubus villosus</i>	High blackberry.
<i>Rubus Canadensis</i>	Low blackberry.
<i>Rubus hispidus</i>	Running swamp blackberry.

DALIBARDA.

<i>Dalibarda repens</i>	<i>Dalibarda</i> .
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GEUM.—Avens.

<i>Geum album</i>	Avens.
<i>Geum strictum</i>	Avens.
<i>Geum rivale</i>	Purple Avens.
<i>Geum Virginianum</i>	Bristly Avens.

WALDSTEINIA.

<i>Waldsteinia fragarioides</i>	Barren strawberry.
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FRAGARIA.

<i>Fragaria Virginiana</i>	Wild strawberry.
<i>Fragaria vesca</i>	Wild strawberry.

POTENTILLA.—Cinque-foil, Five Finger.

<i>Potentilla Canadensis</i>	Cinque foil.
<i>Potentilla Canadensis</i> var <i>simplex</i>	Five finger.
<i>Potentilla argentea</i>	Five finger.
<i>Potentilla recta</i>	Five finger.
<i>Potentilla Anserina</i>	Silver weed.
<i>Potentilla palustris</i>	Marsh five finger.

AGRIMONIA.

<i>Agrimonia Eupatoria</i>	Common agrimony.
<i>Agrimonia parviflora</i>	Small flowered agrimony.

ROSA.—Rose.

<i>Rosa Carolina</i>	Swamp rose.
<i>Rosa blanda</i>	Early wild rose.
<i>Rosa rubiginosa</i>	Sweet brier.
<i>Rosa micrantha</i>	Smaller sweet brier.
<i>Rosa humilis</i>	Sweet brier.

 PYRUS.—Pear. Apple.

<i>Pyrus malus</i>	Apple.
<i>Pyrus communis</i>	Pear.
<i>Pyrus coronaria</i>	Wild Crab apple.
<i>Pyrus arbutifolia</i>	Chokeberry.
<i>Pyrus Americana</i>	Mountain ash.
<i>Pyrus Aucuparia</i>	European rowan tree.

CRATÆGUS.—Hawthorn.

<i>Cratægus Oxyacantha</i>	English hawthorn.
<i>Cratægus coccinea</i> var <i>macracantha</i>	Large spurred thorn.
<i>Cratægus coccinea</i>	Scarlet fruited thorn.
<i>Cratægus Crusgalli</i>	Cockspur thorn.
<i>Cratægus punctata</i>	Yellow fruited thorn.

AMELANCHIER.

<i>Amelanchier Canadensis</i>	Shad bush. Service berry.
<i>Amelanchier Canadensis</i> , var <i>rotundifolia</i>	Round-leaved amelanchier.
<i>Amelanchier Canadensis</i> , var <i>oblongifolia</i>	Juneberry.

Order 35. SAXIFRAGACEÆ.—Saxifrage Family.

SAXIFRAGA.

<i>Saxifraga Virginiensis</i>	Early saxifrage.
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TIARELLA

<i>Tiarella cordifolia</i>	False mitrewort.
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MITELLA.

<i>Mitella diphylla</i>	Mitrewort.
<i>Mitella nuda</i>	Mitrewort.

CHRYSOSPLENIUM.

<i>Chrysosplenium Americanum</i>	Golden saxifrage.
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PARNASSIA.

<i>Parnassia Caroliniana</i>	Grass of Parnassus.
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RIBES.—Currant, Gooseberry.

<i>Ribes Cynosbati</i>	Wild gooseberry.
<i>Ribes prostratum</i>	Fetid currant.
<i>Ribes floridum</i>	Wild black currant.
<i>Ribes rubrum</i>	Red currant.
<i>Ribes aureum</i>	Buffalo currant.
<i>Ribes oxycanthoides</i>	Swamp gooseberry.

Order 36. CRASSULACEÆ.—Orpine Family.

PENTHORUM.

Penthorum sedoides Ditch stone-crop.

SEDUM.

Sedum acre Mossy stone-crop.

Sedum Telephium Garden orpine or live-for-ever.

Order 38. HAMAMELIDEÆ.—Witch Hazel Family.

HAMAMELIS.

Hamamelis Virginiana Witch hazel.

Order 39. HALORAGÆÆ.—Water Milfoil Family.

MYRIOPHYLLUM.

Myriophyllum heterophyllum Water milfoil.

Myriophyllum spicatum Water milfoil.

Myriophyllum verticillatum Water milfoil.

Order 41. LYTHRACEÆ.—Loosestrife Family.

LYTHRUM.

Lythrum Salicaria Spiked loosestrife.

DECODON.

Decodon verticillata (or *nesæa verticillata*) Swamp loosestrife.

Order 42. ONAGRACEÆ.—Evening Primrose Family.

LUDWIGIA.—False Loosestrife.

Ludwigia palustris Water purslane.

EPILOBIUM.—Willow Herb.

Epilobium spicatum ... Great willow herb.

Epilobium hirsutum Hairy willow herb.

Epilobium lineare Swamp willow herb.

Epilobium adenocaulon Common willow herb.

ÆNOTHERA.

Ænothera biennis Evening primrose.

Ænothera pumila Small evening primrose.

GAURA.

Gaura biennis *Gaura*.

CIRCÆA.—Enchanter's Nightshade.

Circæa Lutetiana Tall Enchanter's nightshade.

Circæa alpina Low Enchanter's nightshade.

Order 47. FICOIDEÆ.—Ice Plant Family.

MOLLUGO.—Indian Chickweed.

Mollugo verticillata Carpet weed.

Order 48. UMBELLIFERÆ.—Parsley Family.

DAUCUS.

Daucus Carota Carrot.

ANGELICA.

Angelica atropurpurea Great Angelica.

CONIOSELINUM.

Conioselinum Canadense Hemlock parsley.

HERACLEUM.

Heracleum lanatum Cow parsnip.

PASTINACA.

Pastinaca sativa Common parsnip.

THASPIUM.

Thaspium barbinode Meadow parsnip.

Thaspium aureum * Golden meadow parsnip.

CRYPTOTÆNIA.

Cryptotænia Canadensis Honewort.

SIUM.

Sium cicutæfolium Water parsnip.

ZIZIA.

Zizia integerrima *Zizia*.

CICUTA.—Water-Hemlock.

- Cicuta maculata* Spotted cowbane, or beaver poison.
Cicuta bulbifera Cowbane.

CONIUM.

- Conium maculatum* Poison hemlock.

OSMORRHIZA.—Sweet Cicely.

- Osmorrhiza longistylis* Smooth sweet cicely.
Osmorrhiza brevistylis Hairy sweet cicely.

HYDROCOTYLE.

- Hydrocotyle Americana* Water Pennywort.

SANICULA.

- Sanicula Canadensis* Canadian black snakeroot.
Sanicula Marylandica Black snakeroot.

Order 49. ARALIACEÆ.—Ginseng Family.

ARALIA.—Wild Sarsaparilla.

- Aralia spinosa* Angelica tree, or Hercules club.
Aralia racemosa Spikenard.
Aralia nudicaulis Wild Sarsaparilla.
Aralia quinquefolia Ginseng.
Aralia trifolia Dwarf ginseng, ground nut.

Order 50. CORNACEÆ.—Dogwood Family.

CORNUS.—Dogwood.

- Cornus Canadensis* Dwarf cornel.
Cornus florida Flowering dogwood.
Cornus circinata Round leaved dogwood.
Cornus sericea Silky cornel.
Cornus stolonifera Red osier dogwood.
Cornus asperifolia Rough leaved dogwood.
Cornus paniculata Panicked cornel.
Cornus alternifolia Alternate leaved cornel.

NYSSA.—Sour Gum Tree.

- Nyssa sylvatica* Pepperidge, or sour gum.

Order 51. CAPRIFOLIACEÆ.—Honeysuckle Family.

SAMBUCUS.—Elder.

- Sambucus Canadensis*.....Common elder.
Sambucus pubens, or *racemosa*.....Red berried elder.

VIBURNUM.—Arrow Wood.

- Viburnum Lentago*.....Sheep berry.
Viburnum dentatum.....Arrow wood.
Viburnum cassinoides.....Withe rod.
Viburnum pubescens.....Downy arrow wood.
Viburnum acerifolium.....Maple leaved arrowwood.
Viburnum Opulus.....Cranberry tree.

TRIOSTEUM.—Horse Gentian.

- Triosteum latum*.....Horse gentian.

SYMPHORICARPUS.—Snowberry.

- Symphoricarpus vulgaris*.....Indian currant.
Symphoricarpus racemosa.....Snowberry.
Symphoricarpus racemosus, var *pauciflorus*.....Low snowberry.

LONICERA.—Honeysuckle, Woodbine.

- Lonicera sempervirens*.....Trumpet honeysuckle.
Lonicera parviflora.....Small honeysuckle.
Lonicera hirsuta.....Hairy honeysuckle.
Lonicera ciliata.....Fly honeysuckle.
Lonicera Tartarica.....Tartarian honeysuckle.
Lonicera glauca.....Glaucous leaved honeysuckle.

DIERVILLA.

- Diervilla trifida*.....Bush honeysuckle.

Order 52. RUBIACEÆ.—Madder Family.

HOUSTONIA.

- Houstonia purpurea*, var *ciliolata*.....Houstonia.

CEPHALANTHUS.

- Cephalanthus occidentalis*.....Button bush.

MITCHELLA.

- Mitchella repens*.....Partridge berry.

 GALIUM.—Bedstraw.

<i>Galium Aparine</i>	Cleavers, or goose grass.
<i>Galium asprellum</i>	Rough bedstraw.
<i>Galium trifidum</i>	Small bedstraw.
<i>Galium trifedum</i> , var <i>tinctorium</i>	Bedstraw.
<i>Galium triflorum</i>	Sweet-scented bedstraw.
<i>Galium pilosum</i>	Bedstraw.
<i>Galium circeazans</i>	Wild liquorice.
<i>Galium lanceolatum</i>	Wild liquorice.
<i>Galium boreale</i>	Northern bedstraw.
<i>Galium verum</i>	Yellow bedstraw.

Order 53. VALERIANACEÆ.—Valerian Family.

VALERIANA.

<i>Valeriana officinale</i>	Valerian.
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Order 54. DIPSACEÆ.—Teasel Family.

<i>Dipsacus sylvestris</i>	Wild teasel.
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Order 55. COMPOSITÆ.—Composite Family.

EUPATORIUM.

<i>Eupatorium purpureum</i>	Trumpet weed.
<i>Eupatorium perfoliatum</i>	Boneset.
<i>Eupatorium ageratoides</i>	White snakeroot.

LIASTRIS.

<i>Liastris cylindracea</i>	Blazing star.
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SOLIDAGO.

<i>Solidago squarrosa</i>	Golden rod.
<i>Solidago bicolor</i>	Golden rod.
<i>Solidago latifolia</i>	Golden rod.
<i>Solidago cæsia</i>	Golden rod.
<i>Solidago juncea</i>	Golden rod.
<i>Solidago patula</i>	Golden rod.
<i>Solidago rugosa</i>	Golden rod.
<i>Solidago Canadensis</i>	Golden rod.
<i>Solidago lanceolata</i>	Golden rod.
<i>Solidago nemoralis</i>	Golden rod.
<i>Solidago neglecta</i>	Golden rod.
<i>Solidago arguta</i>	Golden rod.
<i>Solidago serotina</i>	Golden rod.

BELLIS.

Bellis perennis Daisy.

SERICOCARPUS.

Sericocarpus solidagineus White topped aster.

ASTER.

Aster corymbosus Starwort.
Aster macrophyllus Starwort.
Aster umbellatus Starwort.
Aster lævis Starwort.
Aster undulatus Starwort.
Aster cordifolius Starwort.
Aster sagittifolius Starwort.
Aster diffusus Starwort.
Aster paniculatus Starwort.
Aster puniceus Starwort.
Aster Novæ Angliæ Tradescanti Starwort.

ERIGERON.—Fleabane.

Erigeron bellidifolius Robin's plantain.
Erigeron Philadelphicus Common fleabane.
Erigeron Canadensis Fleabane.
Erigeron annuus Daisy fleabane.
Erigeron strigosus Daisy fleabane.

ANTENNARIA.

Antennaria plantaginifolia Plantain leaved everlasting.

ANAPHALIS.

Anaphalis margaritacea Pearly everlasting.

GNAPHALIUM.—Cudweed.

Gnaphalium polycephalum Common everlasting.
Gnaphalium uliginosum Low cudweed.
Gnaphalium decurrens Everlasting.

INULA.

Inula Helenium Elecampane.

POLYMNIA.

Polymnia Canadensis Leaf cup.

AMBROSIA.

- Ambrosia artemisiæfolia* Bitter weed.
Ambrosia trifida Great rag weed.

XANTHIUM.

- Xanthium Canadense* Cockle bur.

HELIOPSIS.

- Heliopsis scabra* Ox-eye.

RUDBECKIA.

- Rudbeckia laciniata* Cone flower.
Rudbeckia hirta Cone flower.

HELIANTHUS.

- Helianthus annuus* Sunflower.
Helianthus strumosus Sunflower.
Helianthus divaricatus Sunflower.
Helianthus decapetalus Sunflower.
Helianthus grosse serratus Sunflower.
Helianthus rigidus Sunflower.

COREOPSIS.

- Coreopsis trichosperma* Tickseeds, sunflower.

BIDENS.—Bur Marigold.

- Bidens frondosa* Beggar ticks.
Bidens connata Swamp beggar ticks.
Bidens cernua Smaller bur marigold.
Bidens chrysanthemoides Larger bur marigold.
Bidens beckii Water marigold.

HELENIUM.

- Helenium autumnale* Sneeze weed.

ANTHEMIS.—Chamomile.

- Anthemis Cotula* May weed.

ACHILLEA.

- Achillea Millefolium* Yarrow.

CHRYSANTHEMUM.

- Chrysanthemum Leucanthemum* Ox-eye or white daisy.

TANACETUM.

Tanacetum vulgare Tansy.

ARTEMISIA.

Artemisia Canadensis Mugwort.
Artemisia Absinthium Wormwood.
Artemisia biennis Biennial wormwood.
Artemisia vulgaris Common Mugwort.

SENECIO.—Groundsel.

Senecio aureus Golden ragwort.
Senecio aureus, var *balsamitæ* Squaw weed.
Senecio vulgaris Common groundsel.

TUSSILAGO.

Tussilago Farfara Colts foot.

ERECHTHITES.

Erechthites hieracefolia Fireweed.

ARCTIUM.—Burdock.

Arctium Lappa Common burdock.

CNICUS.—Common or Plumed Thistle.

Cnicus altrosemus var *discolor* Thistle.
Cnicus lanceolatus Pasture thistle.
Cnicus arvensis Canada thistle.

CENTAUREA.

Centaurea cyanus Bluebottle.

LAMPSANA.

Lampsana communis Nipplewort.

CICHORIUM.

Cichorium Intybus Succory or chicory.

TRAGOPOGON.—Goat's Beard.

Tragopogon porrifolius Oyster plant, salisfy.

LEONTODON.

Leontodon autumnalis Fall dandelion.

PICRIS.

Picris hieracioides.

 HIERACIUM.

<i>Hieracium Canadense</i>	Canada hawkweed.
<i>Hieracium scabrum</i>	Rough hawkweed.
<i>Hieracium venosum</i>	Rattlesnake weed.
<i>Hieracium paniculatum</i>	Panicled hawkweed.
<i>Hieracium marianum</i>	Hawkweed.
<i>Hieracium aurantiacum</i>	Hawkweed.
<i>Hieracium</i> var <i>subcanescens</i>	Rattlesnake weed.

PRENANTHES.

<i>Prenanthes alba</i>	White lettuce, rattlesnake root.
<i>Prenanthes altissimas</i>	Tall white lettuce.

TARAXACUM.—Dandelion.

<i>Taraxacum officinale</i>	Common dandelion.
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LACTUCA.—Lettuce.

<i>Lactuca Canadensis</i>	Wild lettuce.
<i>Lactuca Scariola</i>	Prickly lettuce.
<i>Lactuca leucophæa</i>	False or blue lettuce.

SONCHUS.

<i>Sonchus oleraceus</i>	Common sow thistle.
<i>Sonchus asper</i>	Spiny-leaved sow thistle.
<i>Sonchus arvensis</i>	Field sow thistle.

Order 56. LOBELIACEÆ.—Lobelia Family.

LOBELIA.

<i>Lobelia cardinalis</i>	Cardinal flower.
<i>Lobelia syphilitica</i>	Great Lobelia.
<i>Lobelia inflata</i>	Indian tobacco.
<i>Lobelia Kalmii</i>	Kalm's Lobelia.
<i>Lobelia Kalmii</i> var <i>alba</i>	White Kalm's Lobelia.
<i>Lobelia syphilitica alba</i>	Great White Lobelia.

Order 57. CAMPANULACEÆ—Campanula Family.

SPECULARIA.

<i>Specularia perfoliata</i>	Venus' looking-glass.
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CAMPANULA.—Belle Flower.

<i>Campanula rotundifolia</i>	Harebell.
<i>Campanula aparinoides</i>	Marsh bellflower.
<i>Campanula Americana</i>	Tall bellflower.
<i>Campanula rapunculoides</i>	Bellflower

Order 58. ERICACEÆ.—Heath Family.

GAYLUSSACIA.

Gaylussacia resinosa Black huckleberry.

VACCINIUM.

Vaccinium stamineum Deerberry or squaw huckleberry.
 Vaccinium corymbosum Swamp blueberry.
 Vaccinium Pennsylvanicum Dwarf blueberry.
 Vaccinium Canadense Common blueberry.
 Vaccinium vacillans Low blueberry.

CHIOGENES.

Chiogenes hispidula Creeping snowberry.

ARCTOSTAPHYLOS.

Arctostaphylos Uva-ursi Bear berry.

GAULTHERIA.

Gaultheria procumbens Creeping wintergreen.

CASSANDRA.

Cassandra calyculata Leather leaf.

CHIMAPHILA.

Chimaphila umbellata Princess pine.
 Chimaphila maculata Spotted wintergreen.

MONESES.

Moneses uniflora One-flowered pyrola.

PYROLA.—Wintergreen.

Pyrola rotundifolia Pyrola.
 Pyrola rotundifolia, var incarnata Pyrola.
 Pyrola rotundifolia, var asarifolia Pyrola.
 Pyrola elliptica Shin leaf.
 Pyrola chlorantha Pyrola.
 Pyrola secunda Pyrola.

PTEROSPORA.

Pterospora andromeda Pine-drops.

MONOTROPA.

- Monotropa uniflora Indian pipe, corpse plant.
 Monotropa Hypopitys Pine cap, false beech-drops.

Order 61. PRIMULACEÆ.—Primrose Family.

TRIENTALIS.—Chickweed. Wintergreen.

- Trientalis Americana Star flower.

STEIRONEMA.

- Steironema ciliatum Loosestrife.
 Steironema longifolium Loosestrife.

LYSIMACHIA.—Loosestrife.

- Lysimachia thyrsiflora Tufted loosestrife.
 Lysimachia stricta Loosestrife.
 Lysimachia nummularia Moneywort.

SAMOLUS.

- Samolus Valenderi, var Americanus . . . Water pimpernel.

Order 65. OLEACEÆ.—Olive Family.

FRAXINUS.

- Fraxinus Americana White ash.
 Fraxinus excelsior European ash.
 Fraxinus pubescens Red ash.
 Fraxinus sambucifolia Black or water ash.

LIGUSTRUM.

- Ligustrum vulgare Privet or prim.

SYRINGA.

- Syringa vulgaris Lilac.

Order 66. APOCYNACEÆ.—Dogbane Family,

APOCYNUM.

- Apocynum cannabinum Indian hemp.
 Apocynum androsæmifolium Spreading dogbane.

Order 67. ASCLEPIADACEÆ.—Milkweed Family.

ASCLEPIAS.—Milkweed. Silkweed.

<i>Asclepias Cornuti</i>	Common milkweed.
<i>Asclepias phytolaccoides</i>	Poke milkweed.
<i>Asclepias quadrifolia</i>	Milkweed.
<i>Asclepias incarnata</i>	Swamp milkweed.
<i>Asclepias tuberosa</i>	Butterfly weed.
<i>Asclepias verticillata</i>	Milkweed.

ACERATUS.

<i>Aceratus viridiflora</i>	Green milkweed.
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VINCETOXICUM.

<i>Vincetoxicum nigrum</i>	Climbing poison.
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Order 69. GENTIANACEÆ.—Gentian Family.

FRASERA.

<i>Frasera Carolinensis</i>	American Columbo.
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GENTIANA.

<i>Gentiana crinita</i>	Fringed gentian.
<i>Gentiana serrata</i>	Small fringed gentian.
<i>Gentiana Andrewsii</i>	Closed gentian.
<i>Gentiana Alba</i>	White closed gentian.

Order 70. POLEMONIACEÆ.—Polemonium Family.

POLEMONIUM.

<i>Polemonium reptans</i>	Greek valerian.
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PHLOX.

<i>Phlox divaricata</i>	Wild phlox.
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Order 71. HYDROPHYLLACEÆ.—Waterleaf Family.

HYDROPHYLLUM.

<i>Hydrophyllum Virginicum</i>	Waterleaf.
<i>Hydrophyllum Canadense</i>	Waterleaf.

Order 72. BORRAGINACEÆ.—Borage Family.

CYNOGLOSSUM.—Hound's tongue.

- Cynoglossum officinale Common hound's tongue.
 Cynoglossum Virginicum Wild comfrey.

ECHINOSPERMUM.

- Echinosperrum Lappula Stickseed.

MYOSOTIS.

- Myosotis palustris True forget me not.
 Myosotis laxa Forget me not.
 Myosotis arvensis Forget me not.
 Myosotis verna Forget me not.

LITHOSPERMUM.

- Lithospermum arvense Corn gromwell.
 Lithospermum officinale..... Common gromwell.
 Lithospermum hirtum..... Bristly gromwell.

LYCOPSIS.

- Lycopsis Arvensis Small bugloss.

ECHIUM.

- Echium vulgare Blue weed.

Order 73. CONVOLVULACEÆ.—Convolvulus Family.

CONVOLVULUS.

- Convolvulus sepium Hedge bindweed.
 Convolvulus spithameus Bindweed.

CUSCUTA.

- Cuscuta Gronovii..... Gold thread.

Order 74. SOLANACEÆ.—Nightshade Family.

SOLANUM.—Nightshade.

- Solanum Dulcamara Bitter sweet.
 Solanum nigrum Common nightshade.
 Solanum rostratum..... Prickly solanum.

PHYSALIS.

- Physalis grandiflora* Ground cherry.
Physalis pubescens Ground cherry.
Physalis viscosa Ground cherry.
Physalis lanceolata Ground cherry.

NICANDRA.

- Nicandra physaloides* Apple of Peru.

HYOSCYAMUS.

- Hyoscyamus niger* Black henbane.

DATHURA.

- Datura Stramonium* Thorn apple.
Datura Tatula Purple thorn apple.

NICOTIANA.

- Nicotiana rustica* Wild tobacco.

Order 75. SCROPHULARIACEÆ.—Figwort Family.

VERBASCUM.

- Verbascum Thapsus* .. Common mullein.
Verbascum Blattaria Moth mullein.

LINARIA.

- Linaria Canadensis* Wild toad flax.
Linaria vulgaris Toad flax, Butter and Eggs.

ANTIRRHINUM.

- Antirrhinum Orontium* Snapdragon.

SCROPHULARIA.

- Scrophularia nodosa* Figwort.

CHELONE.

- Chelone glabra* Turtlehead.

PENTSTEMON.

- Penstemon pubescens*. Beard tongue.

MIMULUS.

Mimulus ringens Monkey flower.

GRATIOLA.

Gratiola Virginiana..... Hedge hyssop.

ILYSANTHES.

Ilysanthes gratioloides False pimpernel.

VERONICA.

Veronica Chamædrys Speedwell.
 Veronica Americana American brooklime.
 Veronica scutellata Marsh speedwell.
 Veronica officinalis Common speedwell.
 Veronica serpyllifolia Thyme-leaved speedwell.
 Veronica peregrina Purslane speedwell.
 Veronica arvensis Corn speedwell.
 Veronica agrestis Field speedwell.

GERARDIA.

Gerardia purpurea Purple gerardia.
 Gerardia purpurea, var paupercula Gerardia.
 Gerardia quercifolia Smooth false foxglove.
 Gerardia pedicularia Gerardia.
 Gerardia tenuifolia Slender gerardia.

CASTILLEIA.

Castilleia coccinea Scarlet painted cup.

PEDICULARIS.

Pedicularis Canadensis Common lousewort. Wood Betony.
 Pedicularis lanceolata..... Lousewort.

MELAMPYRUM.

Melampyrum Americanum..... Cow wheat.

Order 76. OROBANCHACEÆ.—Broom Rape Family.

EPIPHEGUS.

Epiphegus Virginiana..... Beech-drops. Cancer root.

CONOPHOLIS.

Conopholis Americana Squaw-root. Cancer root.

APHYLLON.

Aphyllon uniflorum One-flowered cancer root.

Order 77. LENTIBULARIACEÆ.—Bladderwort Family.

UTRICULARIA.

Utricularia vulgaris Greater bladderwort

Utricularia gibba Small bladderwort.

Utricularia cornuta Bladderwort.

Order 79. PEDALIACEÆ.—Bigonia Family.

MARTYNIA.

Martynia proboscidea Unicorn plant.

Order 80. ACANTHACEÆ.—Acanthus Family.

DIANTHERA.

Dianthera Americana Water willow.

Order 81. VERBENACEÆ.—Vervain Family.

VERBENA.

Verbena hastata Blue vervain.

Verbena urticæfolia White vervain.

PHRYMA.

Phryma Leptostachya Lopseed.

Order 82. LABIATÆ.—Mint Family.

TEUCRIUM.

Teucrium Canadense American Germander. Wood sage.

Teucrium occidentale Germander.

COLLINSONIA.

Collinsonia Canadensis Horse balm.

MENTHA.

- Mentha Canadensis*..... Wild mint.
Mentha viridis..... Spearmint.
Mentha piperita Peppermint.

LYCOPUS.

- Lycopus Virginicus*..... Bugle weed.
Lycopus sinuatus..... Water horehound.

CALAMINTHA.

- Calamintha Nuttallii* Calaminth.
Calamintha Clinopodium..... Basil.

MELISSA.

- Melissa officinalis*..... Common balm.

HEDEOMA.

- Hedeoma pulegioides* American pennyroyal.

MONARDA.

- Monarda fistulosa* Wild bergamot.

LOPHANTHUS.

- Lophanthus nepetoides* Giant hyssop.

NEPETA.

- Nepeta Cataria* Catnip.
Nepeta Glechoma Ground ivy.

SCUTELLARIA.

- Scutellaria parvula* Skullcap.
Scutellaria galericulata Skullcap.
Scutellaria lateriflora Mad-dog skullcap.

BRUNELLA.

- Brunella vulgaris*..... Common self-heal, or heal-all

PHYSOSTEGIA.

- Physostegia Virginiana* False dragonhead

MARRUBIUM.

- Marrubium vulgare*..... Horehound.

LEONURUS.

Leonurus Cardiacæ Motherwort.

GALEOPSIS.

Galeopsis Tetrahit Common hemp nettle.

STACHYS.

Stachys palustris Hedge nettle.

Order 83. PLANTAGINACEÆ.—Plantain Family.

PLANTAGO.

Plantago major Common plantain.
 Plantago lanceolata Ribgrass, English plantain.
 Plantago Rugelii Plantain.

Order 86. AMARANTACEÆ.—Amaranth Family.

AMARANTUS.

Amarantus retroflexus Pigweed.
 Amarantus albus Tumbleweed.
 Amarantus blitoides Tumbleweed.

Order 87. CHENOPODIACEÆ.—Goosefoot Family.

CHENOPODIUM.

Chenopodium album Lamb's quarters.
 Chenopodium glaucum Oak leaved goosefoot.
 Chenopodium Botrys Jerusalem oak.
 Chenopodium hybridum Maple leaved goosefoot.
 Chenopodium capitatum Strawberry blite.

ATRIPLEX.—Orache.

Atriplex patulam Orache.
 Atriplex patulum, var hastatum Orache.

CORISPERMUM.

Corispermum hyssopifolium Bugseed.

Order 88. PHYTOLACCACEÆ.—Pokeweed Family.

PHYTOLACCA.

Phytolacca decandra Pigeon berry.

Order 89. POLYGONACEÆ.—Buckwheat Family.

RUMEX.

- Rumex crispus* Curled dock.
Rumex sanguineus Bloody veined dock.
Rumex Acetosella Sheep sorrel.

POLYGONUM.

- Polygonum agnaticum* Water persicaria.
Polygonum Hartwrightii Knotweed.
Polygonum orientale Prince's feather.
Polygonum lapathifolium Knotweed.
Polygonum Hydropiper Common smartweed, or water pepper.
Polygonum acre Water smartweed.
Polygonum Virginianum Smooth knotweed.
Polygonum aviculare Common knotgrass.
Polygonum erectum Knotgrass.
Polygonum arifolium Halbert leaved tear thumb.
Polygonum sagittatum Arrow leaved tear thumb.
Polygonum convolvulus Black bindweed.
Polygonum dumetorum Climbing false buckwheat.
Polygonum persicaria Lady's thumb.
Polygonum Pennsylvanicum.

FAGOPYRUM.

- Fagopyrum esculentum* Buckwheat.

Order 91. ARISTOLOCHACEÆ.—Birthwort Family.

ASARUM.

- Asarum Canadense* ... Wild ginger.

Order 92. PIPERACEÆ.—Lizard's Tail Family.

SAURURUS.

- Saururus cernuus* Lizard's tail.

Order 93. LAURACEÆ.—Laurel Family.

SASSAFRAS.

- Sassafras officinale* Sassafras.

LINDERA.

- Lindera Benzoin* Wild allspice.

Order 94. THYMELÆACEÆ.—Mezereum Family.

DAPHNE.

Daphne Mezereum English Daphne.

Order 95. ELÆAGNACEÆ.—Oleaster Family.

SHEPHERDIA.

Shepherdia Canadensis Canadian shepherdia.

Order 97. SANTALACEÆ.—Sandalwood Family.

COMANDRA.

Comandra umbellata Bastard toad flax.

Order 98. EUPHORBIACEÆ.—Spurge Family.

EUPHORBIA.

Euphorbia glyptosperma Spurge.
Euphorbia maculata Spurge.
Euphorbia Helioscopia Spurge.
Euphorbia platyphylla Spurge.
Euphorbia polygonifolia Spurge.

ACALYPHA.

Acalypha Virginica Three-seeded mercury.

Order 99. URTICACEÆ.—Nettle Family.

ULMUS.

Ulmus Americana White elm.
Ulmus fulva Slippery, or red elm.
Ulmus racemosa Cork elm.

CELTIS.

Celtis occidentalis Nettle tree or sugar berry.

HUMULUS.

Humulus Lupulus Common hop.

MORUS.

- Morus rubra* Red mulberry.
Morus alba ... White mulberry.

URTICA.

- Urtica gracilis* Nettle.

LAPORTEA.

- Laportea Canadensis* Wood nettle.

PILEA.

- Pilea pumila* Clearweed.

BEHMERIA.

- Bœhmeria cylindrica* False nettle.

Order 100. PLATANACEÆ.—Plane Tree Family.

PLATANUS.

- Platanus Occidentalis* Sycamore tree.

Order 101. JUGLANDACEÆ.—Walnut Family.

JUGLANS.

- Juglans cinerea* Butternut.
Juglans nigra Black walnut.
Juglans regia Madeira nut

CARYA.

- Carya alba* Shell bark hickory.
Carya porcina Pig nut hickory.
Carya amara Bitter nut hickory.
Carya tomentosa White heart or downy hickory.

Order 103. CUPULIFERÆ.—Oak Family.

BETULA.

- Betula lutea* Yellow birch.
Betula alba White weeping birch.
Betula papyrifera Canoe or paper birch.
Betula lenta Sweet or black birch.

ALNUS.

Alnus incana Speckled alder.

OSTRYA.

Ostrya Virginica American hop hornbeam.

CARPINUS.

Carpinus Caroliniana Blue or water beech.

QUERCUS.

Quercus alba White oak.
Quercus bicolor Swamp white oak.
Quercus Prinus Chestnut oak.
Quercus Muhlenbergii Yellow chestnut oak.
Quercus coccinea Scarlet oak.
Quercus rubra Red oak.
Quercus palustris Swamp pin oak.

CASTANEA.

Castanea sativa var *Americana* American chestnut.

FAGUS.

Fagus ferruginea American beech.

Order 104. SALICACEÆ.—Willow Family.

SALIX.

Salix discolor Glaucons willow.
Salix petiolaris Petioled willow.
Salix alba White willow.
Salix Babylonica Weeping willow.
Salix longifolia Long leaved willow.
Salix nigra Black willow.

POPULUS.

Populus grandidentata Large toothed aspen.
Populus monilifera Cotton wood.
Populus balsamifera Balsam poplar.
Populus alba White poplar.
Populus tremuloides American aspen.

Order 106. CERATOPHYLLACEÆ.—Hornwort Family.

CERATOPHYLLUM.

Ceratophyllum demersum Hornwort.

Order 107. CONIFERÆ.—Pinæ Family.

PINUS.

- Pinus Strobus* White pine.
Pinus resinosa Red pine.

PICEA.

- Picea alba* White spruce.

TSUGA.

- Tsuga Canadensis* Hemlock.

ABIES.

- Abies balsamea* Balm of Gilead or balsam fir.

LARIX.

- Larix Americana* Black larch tamarac.

THUYA.

- Thuya occidentalis* American arbor vitæ, white cedar.

JUNIPERUS.

- Juniperus Virginiana* Red cedar.
Juniperus sabina var *procumbens* Creeping Juniper.
Juniperus communis Juniper.

TAXUS.

- Taxus baccata* var *Canadensis* American yew, ground hemlock.

Order 108. HYDROCHARIDACEÆ.—Frog's Bit Family.

ANACHARIS.

- Anacharis Canadensis* (*Elodea C.*) Waterweed.

CHARA.

- Chara fragilis* Waterweed.

VALLISNERIA.

- Vallisneria spiralis* Eel grass. Tape grass.

Order 110. ORCHIDACEÆ.

MICROSTYLIS.

Microstylis monophyllos Adder's mouth.

LIPARIS.

Liparis Læselii Tway blade.

APLECTRUM.

Aplectrum hiemale Adam and Eve.

CORALLORHIZA.

Corallorhiza innata Yellow coral root.

Corallorhiza multiflora Purple coral root.

LISTERA.

Listera convallarioides Tway blade.

SPIRANTHES.—Ladies' Tresses.

Spiranthes latifolia Ladies' tresses.

Spiranthes Romanzoffiana Ladies' tresses.

Spiranthes cernua Ladies' tresses.

GOODYERA.

Goodyera pubescens Rattlesnake plantain.

Goodyera repens Small rattlesnake plantain.

ORCHIS.

Orchis spectabilis Showy orchis.

HABENARIA.

Habenaria virescens Rein orchis.

Habenaria viridis Rein orchis.

Habenaria hyperborea Rein orchis.

Habenaria Hookeri Rein orchis.

Habenaria blephariglottis White fringed orchis.

Habenaria lacera Ragged fringed orchis.

Habenaria psycodes Purple fringed orchis.

CYPRIPEDIUM.

Cypripedium parviflorum Moccasin flower.

Cypripedium pubescens Moccasin flower.

Order 113. IRIDACEÆ.—Iris Family.

Iris versicolor Large blue flag.

SISYRINCHIUM.

Sisyrinchium anceps Blue-eyed grass.

Order 114. AMARYLLIDACEÆ.—Amaryllis Family.

HYPOXYS.

Hypoxys Star grass.

Order 115. DIOSCOREACEÆ.—Yam Family.

DIOSCOREA.

Dioscorea villosa Wild yam root.

Order 116. LILIACEÆ.—Lily Family.

SMILAX.

Smilax hispida Greenbriar.

Smilax herbacea Carrion flower.

ALLIUM.

Allium tricoccum Wild leek.

Allium Canadense Wild garlic.

POLYGONATUM.

Polygonatum giganteum Great Solomon's Seal.

Polygonatum biflorum Smaller Solomon's Seal.

ASPARAGUS.

Asparagus officinalis Asparagus.

SMILACINA.

Smilacina racemosa False spikenard.

Smilacina stellata False Solomon's Seal.

Smilacina trifolia False Solomon's Seal.

Smilacina bifolia False Solomon's Seal.

 UVULARIA.

- Uvularia grandiflora Bellwort.
 Uvularia perfoliata Smaller bellwort.
 Uvularia sessilifolia Bellwort.

ERYTHRONIUM.

- Erythronium Americanum Yellow adder's tongue.
 Erythronium albidum White dog's tooth violet.
 Erythronium propullans Dog's tooth violet

LILIUM.

- Lilium Philadelphicum Wild orange red lily.
 Lilium Canadense Wild yellow lily.
 Lilium Carolinianum Lily.

MEDEOLA.

- Medeola Virginica Indian cucumber.

TRILLIUM.

- Trillium grandiflorum Large white trillium.
 Trillium erectum Purple trillium.
 Trillium erectum, var viride Trillium.

CHAMÆLIRIUM.

- Chamælorium Carolinianum Devil's bit.

MELANTHIUM.

- Melanthium Virginicum Bunch flower.

Order 117. PONTEDERIACEÆ.—Pickerel weed Family.

PONTEDERIA.

- Pontederia cordata, var angustifolia ... Pickerel weed.

SCHOLLERA.

- Schollera graminea (Heterantherag) ... Water star grass.

Order 121. JUNCACEÆ.—Rush Family.

JUNCUS.

<i>Juncus effusus</i>	Common or soft
<i>Juncus filiformis</i>	Rush.
<i>Juncus Balticus</i>	Rush.
<i>Juncus Bufonius</i>	Rush.
<i>Juncus tenuis</i>	Rush.
<i>Juncus articulatus</i>	Rush.
<i>Juncus alpinus</i> var <i>insignis</i>	Rush.
<i>Juncus nodosus</i>	Rush.
<i>Juncus nodosus</i> , var <i>megacephalus</i>	Rush.
<i>Juncus Canadensis</i> , var <i>longicaudatus</i> ..	Rush.

LUZULA.

<i>Luzula pilosa</i>	Woodrush.
<i>Luzula campestris</i> , var <i>pallescent</i>	Woodrush.

Order 122. TYPHACEÆ.—Cat-tail Family.

TYPHA.

<i>Typha latifolia</i>	Cat-tail flag.
<i>Typha angustifolia</i>	Small Cat-tail flag.

SPARGANIUM.

<i>Sparganium eurycarpum</i>	Bur-reed.
<i>Sparganium simplex</i>	Bur-reed.

Order 123. ARACEÆ.—Arum Family.

ARISÆMA.

<i>Arisæma triphyllum</i>	Indian turnip.
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SYMPLOCARPUS.

<i>Symplocarpus foetidus</i>	Skunk cabbage.
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Order 125. ALISMACEÆ.—Water Plantain Family.

ALISMA.

<i>Alisma Plantago</i> var <i>Americanum</i>	Water plantain.
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SAGITTARIA.

- Sagittaria variabilis* Arrowhead.
Sagittaria variabilis, var *hastata* Arrowhead.
Sagittaria variabilis, var *angustifolia* .. Arrowhead.
Sagittaria heterophylla Arrowhead.

Order 126. NAIADACEÆ.—Pondweed Family.

TRIGLOCHIN.

- Triglochin palustris*..... Arrow grass.

POTAMOGETON.

- Potamogeton natans* Pondweed.
Potamogeton natans, var *prolixus*..... Pondweed.
Potamogeton mucronætus Pondweed.
Potamogeton prælongus Pondweed.
Potamogeton perfoliatus Pondweed.
Potamogeton pauciflorus Pondweed.
Potamogeton pusillus Pondweed.
Potamogeton zosteræfolius Pondweed.
Potamogeton pectinatus Pondweed.

NAIAS.

- Naias Flexilis* Naiad.

Order 128. CYPERACEÆ.—Sedge Family

CYPERUS.

- Cyperus diandrus* Galingale.
Cyperus esculentus Galingale.
Cyperus strigosus Galingale.
Cyperus Schweinitzii Galingale.
Cyperus filiculmis Galingale.

DULICHIMUM.

- Dulichium spathaceum* Dulichium.

ELEOCHARIS.

- Eleocharis obtusa* (E. *Ovata*) Spikerush.
Eleocharis palustris..... Spikerush.
Eleocharis acicularis Spikerush.

SCIRPUS.

- Scirpus pungens* Bulrush.
Scirpus lacustris Great Bulrush.
Scirpus fluviatilis..... Clubrush.
Scirpus sylvaticus Clubrush.
Scirpus atrovirens Clubrush.

ERIOPHORUM.

Eriophorum cyperinum Wool grass.

CAREX.

Carex festucasea Sedge.
Carex echinata Sedge.
Carex polytrichoides Sedge.
Carex tribuloides var *cristata* Sedge.
Carex teretiuscula Sedge.
Carex vulpinoidea Sedge.
Carex sparganioides Sedge.
Carex cephalophora Sedge.
Carex rosea Sedge.
Carex tenella Sedge.
Carex scoparia Sedge.
Carex virescens Sedge.
Carex staminea Sedge.
Carex stricta Sedge.
Carex crinita Sedge.
Carex aurea Sedge.
Carex Crawei Sedge.
Carex stricta var *decora* Sedge.
Carex granularis Sedge.
Carex gracillima Sedge.
Carex plantaginea Sedge.
Carex Careyana Sedge.
Carex laxiflora var *patulifolia* Sedge.
Carex eburnea Sedge.
Carex pedunculata Sedge.
Carex Pennsylvanica Sedge.
Carex flava Sedge.
Carex Oederi Sedge.
Carex intumescens Sedge.
Carex Grayii Sedge.
Carex lupulina Sedge.
Carex Tackermani Sedge.
Carex tribuloides Sedge.
Carex triceps Sedge.
Carex Backii Sedge.
Carex Deweyi Sedge.
Carex olgiocarpa Sedge.
Carex scabrata Sedge.
Carex digitalis Sedge.
Carex aretata Sedge.
Carex platyphylla Sedge.
Carex Muhlenbergia Sedge.
Carex Mexicana Sedge.

Order 129. GRAMINEÆ.—Grass Family.

SPARTINA.

Spartina cynosuroides Cord or marsh grass.

LEERSIA.

Leersia oryzoides Rice cut grass.

ALOPECURUS.

Alopecurus aristulatus Foxtail grass.

PHLEUM.

Phleum pratense Timothy.

SPOROBOLUS.

Sporobolus vaginæflorus Rush grass.

AGROSTIS.

Agrostis perennans Thin grass.

Agrostis scabra Hair grass.

Agrostis vulgaris Red top.

Agrostis alba White rent grass.

CINNA.

Cinna pendula Wood reed grass.

MUHLENBERGIA.

Muhlenbergia sylvatic Drop seed grass.

Muhlenbergia Willdenovii Drop seed grass.

ORYZOPSIS.

Oryzopsis asperifolia Mountain rice.

CYNOSURUS.

Cynosurus cristatus Dog's-tail grass.

DACTYLIS.

Dactylis glomerata Orchard grass.

GLYCERIA.

Glyceria nervata Fowl meadow grass.

Glyceria fluitans Fowl meadow grass.

Glyceria grandis Reed meadow grass.

POA.

Poa compressa Wire grass.

Poa serotina False red top.

Poa pratensis Meadow grass.

Poa debilis Weak meadow grass.

FESTUCA.

- Festuca elatior* Meadow fescue.
Festuca nutans Fescue.

BROMUS.

- Bromus secalinus* Cheat or chess.
Bromus ciliatus Brome grass.

LOLIUM.

- Lolium perenne* Darnel or rye grass.
Lolium temulentum Bearded darnell.

HORDEUM.

- Hordeum jubatum* Squirrel-tail grass.

ELYMUS.

- Elymus Virginicus* Lyme grass.
Elymus Canadensis Lyme grass.
Elymus striatus Lyme grass.
Elymus sativa Lyme grass.

CHRYSOPOGON.

- Chrysopogon nutans* Wood grass.

ASPRELLA.

- Asprella hystrix* Bottle brush grass.

DANTHONIA.

- Danthonia spicata* Wild oat grass.

DESCHAMPSIA.

- Deschampsia cæspitosa* Hair grass.

HOLCUS.

- Holcus lanatus* Velvet grass.

ANTHOXANTHUM.

- Anthoxanthum odoratum* Sweet vernal grass.

PANICUM.

<i>Panicum sanguinale</i>	Crab grass.
<i>Panicum capillare</i>	Old witch grass.
<i>Panicum latifolium</i>	Panic grass.
<i>Panicum dichotomum</i>	Panic grass.
<i>Panicum Crus-galli</i>	Barnyard grass.
<i>Panicum depauperatum</i>	Panic grass.
<i>Panicum zanthophyllum</i>	Panic grass.

SETARIA.

<i>Setaria viridis</i>	Green foxtail grass.
<i>Setaria Italica</i>	Millet.

ANDROPOGON.

<i>Andropogon provincialis</i>	Beard grass.
<i>Andropogon scoparius</i>	Beard grass.

AGROPYRUM.

<i>Agropyrum caninum</i>	Spear grass.
<i>Agropyrum repens</i>	Couch grass.

Order 130. EQUISETACEÆ.—Horsetail Family.

EQUISETUM.

<i>Equisetum arvense</i>	Common horsetail.
<i>Equisetum pratense</i>	Meadow horsetail.
<i>Equisetum palustre</i>	Water horsetail.
<i>Equisetum limosum</i>	River horsetail.
<i>Equisetum hyemale</i>	Scouring rush.
<i>Equisetum variegatum</i>	Variegated horsetail.
<i>Equisetum scirpoides</i>	Little horsetail.

Order 131. FILICES.—Ferns.

POLYPODIUM.

<i>Polypodium vulgare</i>	Polypody.
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ADIANTUM.

<i>Adiantum pedatum</i>	Maidenhair.
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PTERIS.

<i>Pteris aquilina</i>	Common brake.
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PELLÆA.

- Pellæa gracilis Cliff brake.
 Pellæa atropurpurea Cliff brake.

ASPLENIUM.

- Asplenium Trichomanes Spleenwort.
 Asplenium angustifolium Spleenwort.
 Asplenium thelypteroides Spleenwort.
 Asplenium Filix fœmina Spleenwort.

SCOLOPENDRIUM.

- Scolopendrium vulgare Hart's-tongue.

CAMPTOSORUS.

- Camptosorus rhizophyllus Walking leaf.

PHEGopteris.

- Phegopteris polypodioides Beech fern.
 Phegopteris Dryopteris.

ASPIDIUM.

- Aspidium Thelypteris Shield fern.
 Aspidium Noveboracense.
 Aspidium spinulosum.
 Aspidium spinulosum var intermedium.
 Aspidium spinulosum var dilatatum.
 Aspidium cristatum var Clintonianum.
 Aspidium Goldianum.
 Aspidium Filix mas.
 Aspidium marginale.
 Aspidium acrostichoides.
 Aspidium acrostichoides var incisum.
 Aspidium aculeatum.

CYSTOPTERIS.

- Cystopteris bulbifera Bladder fern.
 Cystopteris fragilis Bladder fern.

STRUTHIOPTERIS.

- Struthiopteris Germanica Ostrich fern.

ONOCLEA.

- Onoclea sensibilis Sensitive fern.

OSMUNDA.

- Osmunda regalis* Flowering royal fern.
Osmunda Claytoniana
Osmunda cinnamomea Cinnamon fern.

LOMARIA.

- Lomaria spicant* Deer fern.

Order 132. OPHIOGLOSSACEÆ.—Adder's Tongue Family.

BOTRYCHIUM.

- Botrychium Lunaria* (Grape fern) Moonwort.
Botrychium lanceolatum.
Botrychium Virginianum.
Botrychium lunaroides.
Botrychium lunaroides var *obliquum*.
Botrychium matricariæfolium.
Botrychium lunaroides, var *dissectum*.

Order 133. LYCOPODIACEÆ.—Club Moss Family.

LYCOPODIUM.

- Lycopodium annotinum* Club moss.
Lycopodium lucidulum Club moss.
Lycopodium complanatum Club moss.

Order 134.—SELAGINELLACEÆ.

SELAGINELLA.

- Selaginella apus*.

CHARA.

- Chara fragilis* Chara.

Order 137. JUNGERMANNIACEÆ.—Scale Mosses.

FRULLANIA.

- Frullania eboracensis*.

RADULA.

- Radula complanata*.

PORELLA.

Porella platyphylla.

PTILIDIUM.

Ptilidium ciliare.

TRICHOCOLEA.

Trichocolea tomentella.

LEPIDOZIA.

Lepidozia reptans.

BLEPHAROSTOMA.

Blepharostoma trichophyllum.

CEPHALOZIA.

Cephalozia multiflora.

KANTIA.

Kantia Trichomanis.

PLAGIOCHILA.

Plagiochila porelloides.

JUNGERMANNIA.

Jungermannia oschraderi.
Jungermannia barbata.

Order 139. MARCHANTIACEÆ.—Liverworts.

MARCHANTIA.

Marchantia polymorpha.

PREISSIA.

Preissia hemisphærica.

FEGATELLA.

Fegatella (conocephalus) conica.

MUSCI.—Mosses.

HYPNUM.

Hypnum Alleghaniense.
Hypnum chrysophyllum.
Hypnum curvifolium.
Hypnum dissitifolium.
Hypnum haldan anum.
Hypnum imponens.
Hypnum lætum.
Hypnum rivulare.
Hypnum rutabulum.
Hypnum salebrosum.
Hypnum serpens.
Hypnum splendens.
Hypnum stellatum.
Hypnum strigosum.
Hypnum subcompactum.
Hypnum trignetrum.
Hypnum uncinatum.

MNIUM.

Mnium affine.
Mnium cuspidatum.
Mnium Niagaræ.
Mnium punctatum.

POLYTRICHUM.

Polytrichum juniperinum.

EUTODON.

Eutodon clathrorrhizans.
Eutodon seductrix.

SPHAGNUM.

Sphagnum cymbifolium.
Sphagnum acutifolium.

WEBERA.

Webera annotina.
Webera albicans.
Webera nutans.

FUNARIA.

Funaria hygrometrica.

PHILONOTIS.

Philonotis fontana.

ANOMODON.

Anomodon rostratus.
Anomodon obtusifolius.
Anomodon attenuatus.
Anomodon apiculatus.
Anomodon viticulosus.

CERATODON.

Ceratodon purpurens.

BRYUM.

Bryum bimum.
Bryum argenteum.
Bryum atropurium.
Bryum caespiticium.
Bryum intermedium.
Bryum Ontariense.

BARTRAMIA.

Bartramia pomiformis.
Bartramia oederiana.

DESMATODON.

Desmatodon porteri.

BARBULA.

Barbula convoluta.
Barbula recurvifolia.
Barbula rigida.
Barbula ruralis.
Barbula tortuosa.
Barbula unguiculata.

LEPTOBIGUM.

Leptobigum pyriforma.

GRIMMIA.

Grimmia apocarpa.
Grimmia Pennsylvanica.

HEDWIGIA.

Hedwigia ciliata.

PELYCHOMITRIUM.

Pelychomitrium incurvum.

DRUMMONDIA.

Drummondia clavellata.

ORTHOTRICHUM.

Orthotrichum obtusifolium.
Orthotrichum speciosum.
Orthotrichum strangulatum.

NECKERA.

Neckera pennata.

LEPTODON.

Leptodon trichomitron.

PYLAISIA.

Pylaisia heteromalla.
Pylaisia intricata.
Pylaisia polyantha.

LEUCOBRYUM.

Leucobryum vulgare.

DIDYMON.

Didymodon luridus.
Didymodon rubellus.

AULACOMNIUM.

Aulacomnium heterostichum.
Aulacomnium palustre.

THUIDIUM,

Thuidium abietinum
Thuidium delicatulum.
Thuidium recognitum.

SELIGERIA.

Seligeria recurvata.

PLAGIOTHECIUM.

Plagiothecium denticulatum.
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DICRANELLA.

Dicranella heteromalla.

FISSIDENS.

Fissidens adiantoides.

Fissidens deciprens.

Fissidens grandifrons.

ATRICHUM.

Atrichum undulatum.

GYMNOSTORUM.

Gymnostorum calarens.

Gymnostorum curvirostrum.

Gymnostorum rupestre.

CLIMACIUM.

Climacium Americanum.

DICRANUM.

Dicranum flagellare.

Dicranum fuloum.

Dicranum fusciscens.

Dicranum montanum.

Dicranum scoparium.

LICHENS.

Ramalina calicaris, var *farmacea*.

Ramalina calicaris, var *fraxinea*.

Ramalina calicaris, var *fastigiata*.

Ramalina calicaris, var *parniacea*.

Alectoria jubata, var *chalybeiformis*.

Evernia prunastri.

Usnea barbata, var *hista*.

Theloschistes chrysophthalmus.

Theloschistes lychnus.

Theloschistes polycarpus.

Physcia ciliaris.

Physcia hispida.

Physcia hypoleuca.

Physcia oxina.

Physcia pulvernenta.

Physcia specivia.
Physcia stelleris.

Cladonia cristatella.
Cladonia fimbriata.
Cladonia furcata.
Cladonia furcata, var racemosa.
Cladonia gracilis, var hybrida.
Cladonia pixidata.
Cladonia pyridata.
Cladonia rangiferina.

Pettigera aph'thosa.

Sticta amplissima.
Sticta pulmonaria.

Leptogium tremelloides.
Leptogium pulchellum.

Parmelia caperata.
Parmelia olivacea, var soresdiata.
Parmelia plysodes.
Parmelia saratitidis, var sulcata.

Cetraria ciliaris.

Placodium corinum.

Lucanora subfusea.

Pannaria langinosa.

Brachythecium acuminatum.

Thamnum Alleghaniense.

Barbula tornosa.

