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A PRELIMINARY CHECK LIST
OF THE
CRYPTOGAMS AND PHANEROGAMS
IN THE VICINITY OF
SAINT LOUIS, MISSOURI.

— BY —

THE CHECK LIST COMMITTEE
OF THE
ENGELMANN BOTANICAL CLUB.

SAINT LOUIS
1911.

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PREFACE.

For a number of years the Local Flora Committee of the Engelmann Botanical Club, has been gathering data for the publication of the flora in and about Saint Louis. It was the intention of that committee to include species, localities and collectors, also to list the specimens in the herbaria of the Club, of the Missouri Botanical Garden, of the local collections and collectors. Since the manuscript has always been in the possession of the Local Flora Committee, it has not been an easy matter for individuals to know whether a certain species, or a certain locality for a reported species, has yet been listed. A complete list of all the species contained in the manuscript together with numbers representing the reported localities, is embodied in this preliminary list, which it is thought will facilitate the entry of new species and localities into the list. Both alphabetical and topographical lists of localities precede the main list, and every alternate page is left blank for notes and entries.

Acknowledgment is due the members of the Local Flora Committees for the past twelve years, and other members of the Club, for the work on the Pteridophytes and Phanerogams, and without whose interest the publication of the present list would have been impossible. Among these may be mentioned Miss Mulford, and Messrs. Chandler, Coulter, Eggert, Eikenberry, Fullgraf, Glatfelter, Grindon, Hus, Irish, Kellogg, Letterman, Nelson, Norton, Pammel, Russell, Von Schrenk, Spaulding, Thompson and Trelease.

With the exception of the Pteridophytes and Phanerogams most of the lists have been prepared by individual workers as follows: Myxomycetes and Eumycetes (except the Hymeniales), by Dr. Perley Spaulding, assisted by Dr. G. G. Hedgcock; the Algae by Miss Hayden and Dr. Henri Hus; the Hymeniales by Dr. N. M. Glatfelter; the Lichens collected by Dr. Nelson, verified by Mr. Merrill; Mosses collected by Dr. Nelson; Hepatics collected by Dr. Nelson, verified by Dr. Evans.

Genera and species have been named after MacBride's

North American Slime Moulds for the Myxomycetes; after Saccardo's Sylloge Fungorum for the Fungi, except Dr. G. P. Clinton's monograph for the Ustilaginales, and Lloyd's publications for the Gasteromycetes; after Barnes and Heald's Analytical Key to the Genera and Species of North American Mosses, for the Musci; and Gray's New Manual of Botany, 7th edition, for the Pteridophytes and Phanerogams. A few exceptions occur however, in which certain species not contained in the New Gray, have been verified in the 6th edition of the Manual, in Britton and Brown's Flora of North America, in Patterson's Check List of North American Plants, and in the Index Kewensis, authorities being used in the order named.

This Committee wishes to acknowledge the assistance of all who have contributed in any way to the completion of the work. Copies may be obtained post-paid, by remitting fifty cents to the Secretary of the Engelmann Botanical Club, Missouri Botanical Garden, Saint Louis, Mo.

W. W. OHLWEILER, O. C. BOGULA,

G. H. PRING, L. P. JENSEN,

MISS E. C. CLARK,

Check List Committee of the Engelmann Botanical Club.

ANGIOSPERMÆ. (Monocotyledoneæ)
(Dicotyledoneæ)

TOPOGRAPHICAL LIST OF LOCALITIES.

1	St. Louis	45	Meramec Highlands
2	Arsenal	46	Barrett's Station
3	Carondelet	47	Sherwood
4	Carondelet Park	48	Valley Park
5	River des Peres	49	Ranken
6	Tower Grove Park	50	Fern Glen
7	Mo. Botanical Garden	51	Drake
8	Clifton Heights	52	Tyson
9	Arloe	53	Mincke
10	Dozier	54	St. Paul
11	Edge Brook	55	Crescent
12	Ellendale	56	Glencoe
13	Gratiot	57	Eureka
14	Lindenwood	58	Alenton
15	Clayton	59	Pink's Lake
16	West of Forest Park	60	Bat Rock
17	Forest Park	61	Pacific
18	O'Fallon Park	62	Bonhomme
19	Bellefontaine Cemetery	63	Old Bonhomme Road
20	Calvary Cemetery	64	Bellefontaine
21	Baden	65	Creve Coeur Lake
22	Florissant Avenue	66	Lackland
23	Bissels Point	67	Pattonville
24	Gingrass Creek	68	St. James
25	Maplewood	69	Bridgeton
26	Bartold	70	Florissant
27	Shrewsbury	71	Spanish Lake
28	Old Orchard	72	North of St. Louis
29	Webster	73	Maline Creek
30	South of St. Louis	74	Ramona Park
31	Horn's Grove	75	Normandy
32	Jefferson Barracks	76	College View
33	Cliff Cave	77	Jenning's Heights
34	White House	78	Pine Lawn
35	Mouth of the Meramec	79	Illinois Bluffs
36	Wicks	80	Prospect Hill
37	Tenbrook	81	Mississippi River
38	Hills of the Meramec	82	American Bottom, Ill.
39	Gravois Road	83	Madison Co., Ill.
40	Fenton	84	East St. Louis, Ill.
41	Watson Road	85	Nat'l Stock Yards, Ill.
42	Windsor Springs	86	North of East St. Louis
43	Spring Park	87	Chouteau Island
44	Kirkwood	88	Chouteau Slough

89	Mitchel, Ill.	100	Edgemont, Ill.
90	Long Lake, Ill.	101	Monks Mound, Ill.
91	Horseshoe Lake, Ill.	102	Pittsburg Lake, Ill.
92	Canteen Lake, Ill.	103	Lake Station, Ill.
93	Indian Lake, Ill.	104	Cahokia, Ill.
94	Cahokia Creek, Ill.	105	Prairie du Pont, Ill.
95	McDaniel Lake, Ill.	106	East Carondelet, Ill.
96	Sugarloaf, Ill.	107	Stolle, Ill.
97	Collinsville, Ill.	108	Falling Spring, Ill.
98	St. Clair Co., Ill.	109	Bluff Lake, Ill.
99	French Village, Ill.	110	Fish Lake, Ill.

ALPHABETICAL LIST OF LOCALITIES.

Allenton, 58	French Village, Ill., 99
American Bottom, Ill., 82	Gratiot, 13
Arloe, 9	Gravois Road, 39
Arsenal, 2	Gingrass Creek, 24
Baden, 21	Glencoe, 56
Barrett's Station, 46	Hills of the Meramec, 38
Bartold, 26	Horn's Grove, 31
Bat Rock, 60	Horseshoe Lake, Ill., 91
Bellefontaine, 64	Illinois Bluffs, 79
Bellefontaine Cemetery, 19	Indian Lake, Ill., 93
Bissels Point, 23	Jefferson Barracks, 32
Bluff Lake, Ill., 109	Jenning's Heights, 77
Bonhomme, 62	Kirkwood, 44
Bridgeton, 69	Lackland, 66
Cahokia, Ill., 104	Lake Station, Ill., 103
Cahokia Creek, Ill., 94	Lindenwood, 14
Calvary Cemetery, 20	Long Lake, Ill., 90
Canteen Lake, Ill., 92	Madison Co., Ill., 83
Carondelet, 3	Maline Creek, 73
Carondelet Park, 4	Maplewood, 25
Chouteau Island, 87	McDaniel Lake, Ill., 95
Chouteau Slough, 88	Meramec Highlands, 45
Clayton, 15	Mississippi River, 81
Cliff Cave, 33	Mo. Botanical Garden, 7
Clifton Heights, 8	Mitchel, Ill., 89
College View, 76	Mincke, 53
Collinsville, Ill., 97	Mouth of the Meramec, 35
Crescent, 55	Monks Mound, Ill., 101
Creve Coeur Lake, 65	Nat'l Stock Yards, Ill., 85
Dozier, 10	North of East St. Louis, 86
Drake, 51	North of St. Louis, 72
East Carondelet, Ill., 106	Normandy, 75
East St. Louis, Ill., 84	O'Fallon Park, 18
Edge Brook, 11	Old Bonhomme Road, 63
Edgemont, Ill., 100	Old Orchard, 28
Ellendale, 12	Pacific, 61
Eureka, 57	Pattonville, 67
Falling Spring, Ill., 108	Pine Lawn, 78
Fenton, 40	Pink's Lake, 59
Fern Glen, 50	Pittsburg Lake, Ill., 102
Fish Lake, Ill., 110	Prairie du Pont, Ill., 105
Florissant, 70	Prospect Hill, 80
Florissant Avenue, 22	Ramona Park, 74
Forest Park, 17	Ranken, 49

River Des Peres, 5
Sherwood, 47
Shrewsbury, 27
South of St. Louis, 30
Spanish Lake, 71
Spring Park, 43
St. Clair Co., Ill., 98
St. James, 68
St. Louis, 1
Stolle, Ill., 107
St. Paul, 54

Sugarloaf, Ill., 96
Tenbrook, 37
Tower Grove Park, 6
Tyson, 52
Valley Park, 48
Watson Road, 41
Webster, 29
West of Forest Park, 16
White House, 34
Wicks, 36
Windsor Springs, 42

MYXOMYCETES

- Arcyria albida, 17
 - cinerea, 17
 - denudata, 17 45
 - digitata,
- Ceratiomyxa fruticulosa, 83
- Comatricha stemonitis, 6 17
- Fuligo ovata, 6 7 30
- Hemiarcyria rubiformis, 17
- Hemitrichia clavata, 1 17 110
 - stipitata, 17
 - vesparium, 17
- Lycogala epidendrum, 30 65 110
- Physarum cinereum, 6 7
- Plasmodiophora Brassicæ, on Brassica oleracea, 1
- Stemonitis fusca, 7 30 45 65
 - maxima, 17
 - Morgani, 7 17
 - Smithii, 17
- Tilmadoche polycephala.
 - viridis, 6
- Trichia scabra, 17

SCHIZOPHYTA.—1. SCHIZOMYCETES.

- Bacillis carotovorus, 14
 - leguminosarum, 1
 - Sorghii, 7
- Beggiatoa alba, 7
- Micrococcus amylovorus, 7
- Pseudomonas campestris, 7

2. SCHIZOPHYCÆ.

- Anabaena circinalis, 7
 - Flos-aquæ, 7
- Calothrix sp., 7
- Chroococcus limneticus subsalsus, 7
- Clathrocystis aeruginosa major, 7
- Coelosphaerium confertum, 7
 - Kützingianum, 7
- Cylindrospermum minutissimum, 7
- Lyngbya Digueti, 7
 - Lagerheimii, 7
- Merismopedia convoluta, 7
 - elegans, 7 98
 - tenuissima, 7
- Microcoleus vaginatus, 7
- Nostoc sp., 7

Oscillatoria Agardhii, 7
 amphibia, 7
 animalis, 7
 chalybea, 7
 formosa, 7
 limnetica, 7
 limosa, 6 7 98 110
 splendida, 7
 tenuis, 7
Phormidium sp., 7
 uncinatum, 7
Scytonemia Hofmannii, 7
Spirulina major, 7

FLAGELLATAE.

Anthophysa vegetans, 65
Astasia sp., 7
Chilomonas Paramecium, 7
Dinobryon sertularia, 7
Euglena acus, 7
 acutissima, 7
 oxyurus, 7
 proxima, 7
 spirogyra, 7
 viridis, 7
Mastigamoeba aspera, 7
Phacus longicauda, 7
 pleuronectes, 7
 pyrum, 7
 triqueter, 7
Synura uvella, 7
Uroglena volvox, 7

ZYGOPHYCEÆ.

Closterium acerosum, 7
 elongatum, 7
 Lunula intermedium, 7
 moniliferum, 7
 strigosum, 7
Cosmarium Botrytis, 7
 Broomei, 7
 granatum, 7
 margaritifera, 7
 Phaseolus minor, 7
Gonatonema sp., 7
Gomphonema sp., 7
 acuminatum, 7

constrictum, 7
Micrasterias americana, 7
Mougeotia robusta, 98 110
 scalaris, 7 98 110
Navicula sp., (common)
Penium margaritaceum, 7
Pleurotaenium Trabecula, 7
 graeulata, 7
Spirogyra sp., (common)
 dubia, 7
 Grevilleana, 7
 longata, 7
 porticalis, 7
 setiformis, 7
 tenuissima, 7
Staurostrum sp., 7

CHLOROPHYCEÆ.

Actinastrum Hontzschii, 7
Ankistrodesmus falcatus, 7
 mirabilis, 7
 spiralis, 7
 tumidus, 7
Botrydium Wallrothii, 7
Bulbochaete sp., 7
Chaetophora elegans, 7
Chlamydomonas gloeocystiformis, 7
Chlorococcum infusionem, 7
Chlorotylum mamillosum, 108
Cladophora canalicularis, 7
 glomerata, 44 45 58 65
Coelastrum cubicum, 7
 microsporum, 7
Dictyosphaerium Ehrenbergianum 7
Draparnaldia plumosa, 7
Eudorina elegans, 7
Gonium pectorale, (common).
Hydrodictyon reticulatum, 7
 utriculatum, 6 7
Ineffigiata neglecta, 7
Kirchneriella lunaris, 7
 obesa, 7
Microspora stagnorum, 7
Microthamnion Kutzingianum, 7
Oedogonium sp., 7
 capillare, 1
Ophiocytium sp., 7

Palmodictyon viride, 7
Pandorina morum, 7
Pediastrum Boryanum, 7
 duplex, 7
 tetras, 7
Pithophora Mooreana, 7
 Oedogonia, 7 10
Pleodorius californica, 7
Pleurococcus vulgaris, (common)
Protosiphon botryoides, 7
Rhizoclonium hieroglyphicum, 7
Scenedesmus bijuga, 7
 obliquus, 7
 dimorphus, 7
 quadricauda, 7 65
Selenastrum gracile, 7
Stigeoclonium aestivalis, 7
 glomeratum, 7
 lubricum, 7
 stagnatile, 7
 tenuis, 1 7
Tetraedron caudatum, 7
 trigonum, 7
 pentagonum, 7
Tetraspora gelatinosa, 7
Vaucheria sp., 7
Volvox Globator, 6
Zygnema sp., 7 65

EUMYCETES—PHYCOMYCETES.

Bremia Lactucae, on *Lactuca Ludoviciana*, 18
Cystopus Bliti, on *Amaranthus retroflexus*, 7
 candidus, on *Capsella Bursa-pastoris*, etc., 1
 Tragopogonis, on *Ipomoea*, 45
Empusa Grylli, on *Caloptenus differentialis*, etc., 1
Mucor stolonifera, 1
Perenospora Alsinearum, on *Cerastium nutans*, 13 109
 Androsaces, on *Androsace occidentalis*, 16
 Arthuri, on *Oenothera biennis*, 1
 australis, on *Sicyos angulatus*, 84
 calotheca, on *Galium Aparine*.
 conglomerata, on *Geranium Carolinianum*, 48
 Corydalis, on *Corydalis*, 93
 effusa *Polygoni*, on *Polygonum dumetorum*, 17 48
 Myosotidis, on *Myosotis verna*, 16
 parasitica, on *Brassica oleracea*, 7
Perenoplasmopara Cubensis, on *Cucumis* and *Citrullus*, 1

Plasmopara Geranii, on Geranium carolinianum, 1 7 32 45
65 84 93

Halstedii, on Ambrosia trifida, etc., 1 17 29

obducens, on Impatiens, 65

viticola, on Vitis, etc., 48 84 100

Synchytrium aureum, on Viola palmata, 45

EUMYCETES—DEUTEROMYCETES.

Actinonema Rosae, on Rosa sp., 7

Alternaria Brassicae, on Brassica, 7

nigrescens, on Cucumis Melo, 1

fasciculata, on Lycopersicum esculentum, 7

Solani, on Solanum tuberosum, 7

tenuis, 7

Violae, on Viola palmata, etc., 7 45

Ascochyta citrullina, on Cucurbita maxima, 1

Fragariae, on Fragaria Virginiana, 1

Lycopersici, on Solanum Melongena, 1.

Pisi, on Pisum sativum, 1

Aspergillus niger, 1

Botrytis cana, on Erigeron annuus, 1

cinerea, 7

vulgaris, on Chrysanthemum sp., etc., 7

Cercospora althaeina, on Althaea rosea, 7

Apii, on Apium graveolens, 7

Armoraciae, on Nasturtium Armoracia, 1

beticola, on Beta vulgaris, 1

circumscissa, on Prunus, 7

clavata, on Asclepias Cornuti, 1

granuliformis, on Viola palmata, etc., 17 45 109

grisella, on Erigeron annuus, 1

olivacea, on Gleditschia triacanthos, 109

Polygonorum, on Polygonum acre, 1 17

Cercospora racemosa, on Ambrosia trifida, 1 45

Rhoina, on Rhus copallina, 45

sordida, on Tecoma radicans, 32 84 109

Viciae, on Vicia sativa, 7

Cercospora cana, on Erigeron annuus, 1

Citromyces Pfefferianus, 7

Cladosporium carpophilum, on Prunus cerasus, 7 14

compactum, on Citrus decumana, 7

herbarum, 7 14

Lycopersici, on Lycopersicum esculentum, 1

Colletotrichum agaves, on Agave americana, etc., 7

lagenarium, on Citrullus vulgaris, etc., 1

Lindemuthianum, on Phaseolus sp., 1

- Lycopersici, on *Lycopersicum esculentum*, 1
 Pisi, on *Pisum sativum*, 1
 Coniothyrium concentricum, on *Yucca gloriosa*, 7
 Diplodiella, on *Vitis* sp., 1
 Cylindrosporium angustifolium, on *Yucca aloifolia*, 7
 Padi, on *Prunus* sp., 1
 Dacluca Filum, on *Asparagus officinalis*, etc., 14
 Dematium pullulans, 1
 Discosia artocreas, on *Gleditschia triacanthos*, 45
 Entomosporium maculatum *Cydoniae*, on *Pyrus Cydonia*, 7
 Epicoccum nigrum, 1
 Fusarium Agaricorum, on *Agaricus amygdalinus*, 7
 argillaceum, on *Beta vulgaris*, 1
 Fusarium blasticola, on *Pinus ponderosa*, etc., 7
 calcareum, on *Cucurbita*, etc., 7
 cucurbitariae, on *Cucurbita*, 7
 cydoniae, on *Pyrus cydonia*, 1
 oxysporum, on *Ipomoea Batatas*, 7
 roseum, on *Pinus Strobis*, 1
 Schweinitzii, on *Vitis vinifera*, 1
 Fusoma parasiticum, on *Pseudotsuga Douglasii*, 7
 Gloeosporium cactorum, on *Echinocactus* sp., 7
 melongaeae, on *Solanum Melongena*, 1
 Musarum, on *Musa sapientum*, 7
 nervisequum, on *Platanus occidentalis*, 1
 phomoides, on *Lycopersicum esculentum*, 1
 piperata, on *Capsicum annuum*, 7
 potentillae, on *Fragaria Virginica*, 14
 profusum, on *Corylus Americana*, 14
 septorioides, on *Quercus imbricaria*, 1
 venetum, on *Rubus strigosus*, 7
 Glomerella rufomaculans, (*Glocosporium fructigenum*), on
 Pyrus Malus.
 Graphium eumorphum, on *Rubus strigosus*, 7
 smaragdinum, on *Pinus*, sp., 1
 Hormiscium gelatinosum, on *Fraxinus americanus*, etc., 1
 Hormodendrum cladosporioides, 1
 Leptostromella elastica, on *Ficus elastica* var., 1
 Leptothyrium Pomi, on *Pyrus Malus*, 1
 Macrophoma sacchari, on *Sorghum officinarum*, 7
 Myxosporium Mali, on *Pyrus Malus*, 1
 Oidium Chrysanthemi, on *Chrysanthemum* sp., 7
 Oospora scabies, on *Beta vulgaris*, 1
 Ovularia obliqua, on *Rumex crispus*, etc., 109
 Penicillium crustaceum, on *Solanum tuberosum*.
 glaucum.

- macrosporum, on Ginkgo biloba, 1
- roseum, on Pinus Strobilus, 1
- Pestalozzia suffocata, on Rosa rugosa, 1
- Phoma acuum, 1
 - alliicola, on Allium cepa, 14
 - Betae, on Beta vulgaris, 14
 - cacti Opuntia, on Mammillaria sp., 7
 - herbarum, on Cerastium sp., 7.
 - longissima, on Chenopodium album, 1
 - mamillariae, on Mammillaria sp., 7
 - persicina, on Prunus Persica, 7
 - Radula, on Pyrus Malus, 1
 - Rostrupii, on Daucus Carota, 1
 - vexans, on Solanum Melongena, 1.
- Phyllosticta acericola, on Acer dasycarpum, 45
 - Asiminae, on Asimina triloba, 65
 - Catalpae, on Catalpa bignonioides, 7
 - Cinnamomum glandulifera, on Cinnamomum Cassia, 7
 - Curtisii, on Bumelia lanuginosa, 45
 - Dianthi, on Dianthus chinensis, 1
 - Labruscae, on Vitis sp., 1
 - sphaeropsidea, on Aesculus sp., 45
 - vagans, on Smilacina racemosa, 45
 - Violae, on Viola sp., 1
- Ramularia rufo maculans, on Polygonum amphibium, 109 110
 - Tulasnei, on Fragaria sp., 1
- Sepedonium chrysospermum, on Boleti.
- Septoria Cacaliae, on Cacalia atriplicifolia, 45
 - consimilia, on Lactuca Ludoviciana, etc., 14.
 - erigerontea, on Erigeron sp., 1
 - Boltoniae, on Boltonia asteroides, 1
 - Jussiaea, on Jussiaea repens, 65
 - Lycopersici, on Lycopersicum esculentum, 14
 - Oenotherae, on Oenothera biennis, 1 93 109 110
 - Ribis, on Ribes sp., 1
 - Rubi, on Rubus sp., 7
 - Smilacinae, on Smilacina racemosa, 65
- Sporocybe Rhois, on Rhus glabra, 14
- Trichothecium roseum, 1 7
- Vermicularia circinans, on Allium Cepa, 14
 - Dematium, on Iris sp., 7
 - flicina, on Onoclea sensibilis, 1
 - polytricha, on Phaseolus lunatus, 14
 - subeffigurata, on Dianthus plumarius, 1

EUMYCETES—ASCOMYCETES—(Pyrenomycetes)

- Ceratostomatella capillifera*, on *Liquidambar Styraciflua*, 1
pilifera, on Coniferous lumber.
pluriannulata, on *Quercus rubra*, 1
Claviceps purpurea, on *Triticum sativum*, 1
Erysiphe Cichoriacearum, on *Aster diffusus*, etc. (common)
communis, on *Ranunculus abortivus*, etc., 110
Galeopsidis, on *Stachys palustris*, 109
graminis, on *Triticum sativum*, 7
Martii, on *Pisum sativum*, etc., 14
Hypomyces Lactifluorum, on *Lactucarius piperatus*, 80
Microsphaera Alni, on *Euonymus atropurpureus*, etc.,
(common.)
elevata, on *Catalpa* sp., 1
penicillata, on *Forestiera acuminata*, 84
Quercina, on *Quercus* sp., (common)
Russellii, on *Oxalis Dillenii*, 109
semitosta, on *Cephalanthus occidentalis*, 109
Symphoricarpi, on *Symphoricarpus vulgaris*, 1 36 109
Nummularia discreta, on *Pyrus Malus* 65
Ophiobolus anguillides, on Herbaceous Plants, 1
Parodiella perisporioides, on *Gleditschia triacanthos*, 45
Phyllachora Caricis, on *Carex*, 1
Graminis, on *Asprella Hystrix*, etc., 1 17 28
30 45 110
Lespedezae, on *Lespedeza procumbens*, 16
Setariae, on *Setaria glauca*, 104
Trifolii, on *Trifolium repens*, 1
Phyllactinia suffulta, on *Quercus* sp., 45
Physalospora Bidwellii, on *Vitis*, 7
Plowrightia morbosa, on *Prunus*, sp., 1 45
Podosphaera leucotricha, on *Pyrus Malus*, etc., 1
Oxyacanthae, on *Prunus cerasus*, 6 110
Rosellinia aquila, on *Pinus Strobis*, 1
Sphaeria Putnaminum, on *Prunus domestica*, etc., 1
Sphaerella Fragariae, on *Fragaria*, 1
Sphaerotheca Castagnei, on *Bidens cernua*, etc., 109
pannosa, on *Prunus Amygdalus*, etc., 7
pruinosa, on *Rhus glabra laciniata*, 7
Uncinula Ampelopsidis, on *Ampelopsis quinquefolia*, 7
84 108
circinata, on *Acer dasycarpum*, 109
geniculata, on *Morus rubra*, 93 109 110
macrospora, on *Ulmus Americana*, 109
salicis, on *Populus heterophylla*, 109

spiralis, on *Ampelopsis quinquefolia*, 7 100
Ustulina vulgaris
Venturia chlorospora, (*Fusicladium dentriticum*), on *Pyrus*
Malus, 7 14
Xylaria corniformis, 17
digitata, on Rotten lumber.
flabelliformis, 17
Hypoxylon, on *Syringa vulgaris*.
polymorpha, on Rotten timber.

EUMYCETES.—ASCOMYCETES.—(Discomycetes.)

Bulgaria rufa, 1 17 58
Chlorosplenium aeruginosum, 65
Exoascus deformans, on *Prunus Persica*, 1
Pruni, on *Prunus sp.*, 1
Geopyxis hesperidia.
Gyromitra brunnea, 45 58 72
Helvella crispa, 65
elastica, 32
macropus.
sulcata, 22
Lachnea scutellata, 17
Morchella conica, 45
esculenta, 7 45 58 81
Peziza badia, 6 19
vesiculosa, 7
Rhytisma acerinum, on *Acer dasycarpum*, 45
punctatum, on *Acer saccharinum*, 109
Solidaginis, on *Solidago sp.*
Roesleria pallida, on *Vitis*, 7
Sarcoscypha coccinea, 17
flaccosa, 65
Sclerotinia fructigena, (*Monilia fructigena*), on *Prunus*, 7
Libertiana, on *Brassica oleracea*, 7
Taphrina caerulescens, on *Quercus sp.*, 1
Urnula craterium, 45

EUMYCETES.—BASIDIOMYCETES.—(Ustilaginales.)

Melanopsichum Austro-Americanum, on *Polygonum Pennsylvanicum*, 17
Sorosporium Syntherismae, on *Panicum proliferum*, 1
Urocystis Cepulae, on *Allium Cepa*, 1
Ustilago Avenae, on *Avena sativa*,
Bistortarum, on *Polygonum Pennsylvanicum*, 1 110
Parlatorei, on *Rumex altissimus*, 104

Rabenhorstiana, on *Panicum glabrum*, 1
 spermophora, on *Eragrostis major*, 29
 sphaerogena, on *Panicum Crus galli*, 1
 striaeformis, on *Agrostis* sp., 1
 Tritici, on *Triticum sativum*, 1 7 104
 utriculosa, on *Polygonum Pennsylvanicum*, 30
 Zeae, on *Zea Mays*, (common.)

EUMYCETES.—BASIDIOMYCETES.—(Uredinales)

- Aecidium abundans*, on *Symphoricarpus vulgaris*, 58
Asterum, on *Aster patens*, 48
Clematidis, on *Clematis Virginiana*, 48
Circaeae, on *Circaea Lutetiana*, 65
Dicentrae, on *Corydalis aurea occidentalis*, etc., 1
Euphorbiae, on *Euphorbia Preslii*, 7 32
Erigeronatum, on *Erigeron* sp., 45
Compositarum Eupatorii, on *Eupatorium perfoliatum*,
 48
 Helianthi, on *Helianthus hirsutus*, 58
 Taraxaci, on *Taraxacum officinale*, 45
 Xanthii, on *Xanthium canadense* (common.)
Myosotidis, on *Myosotis verna*, 7
Pentastemonis, on *Pentstemon*, 48
Ptelea, on *Ptelea tritoliata*, 45 48 108
Ranunculacearum, on *Ranunculus recurvatus*, 49 109
Bubakia Crotonis, on *Croton monanthogynus*, 45
Coleosporium Ipomoeae, on *Ipomoea pandurata*, 84 93
 Solidaginis, on *Solidago* sp., 48
 Sorchi, on *Vernonia Arkansana*, 45
 Vernoniae, on *Vernonia* sp., 50
Gymnosporangium clavariiforme, on *Crataegus Crus galli*,
 1 16 45
 clavipes, on *Amelanchier* sp., 57
 macropus, on *Juniperus Virginiana*, 1 7 45 57
Melampsora epitea, on *Salix* sp., 30 109 110
 populina, on *Populus monilifera*, 32 45 84 94 109 110
Phragmidium Potentillae, on *Potentilla Canadensis*, 16
 Rubi-idaei, on *Rubus* sp., 32
 subcorticium, on *Rosa setigera*, 109
Puccinia Andropogonis, on *Andropogon scoparius*, 45 109
 Anemones-virginianae, on *Anemone virginiana*, 7 28 45
 augustata, on *Cyperus erythrorhizos*, 78
 Arenariae, on *Dianthus*, 1
 argentata, on *Impatiens pallida*, 45 65
 Asparagi, on *Asparagus officinalis*, 14
 Asteris, on *Aster* sp., 17 45 65

- Circaeae, on *Circaea Lutetiana*, 65
 Convolvuli, on *Convolvulus arvensis*, 1 32 35 84
 Cyripedii, on *Cypripedium pubescens*, 1
 Dayi, on *Steironema lanceolatum*, 45
 emaculata, on *Triodia cuprea*, 1
 fusca, on *Thalictrum polygamum*, 45
 Galii, on *Galium* sp., 16 28 45
 graminis, on *Agrostis vulgaris*, 1 16 17
 Helianthi, on *Helianthus* sp., 6 7 16 17 28 83 109
 heterospora, on *Abutilon Avicennae*, 84 93
 Hieracii, on *Chrysanthemum indicum*, 7 45
 Ipomeae, on *Ipomoea pandurata*, 45
 Lantanae, on *Stachytorpha* sp., 7
 lateripes, on *Ruellia strepens*, 45
 Malvacearum, on *Althaea rosea*, 7
 Magnusiana, on *Ranunculus* sp.
 Menthae, on *Blephilia hirsuta*, 7 16 17 28 30 45 48 109
 Oenotherae, on *Oenothera biennis*, 1
 Peckiana, on *Rubus strigosus*, 32
 Podophylli, on *Podophyllum peltatum*, 45
 Polygoni, on *Polygonum amphibium*, 109
 Punctum, on *Cyperus speciosus*, 17
 Ranunculi, on *Ranunculus abortivus*, 1
 Rubigo-vera, on *Triticum sativum*, 110
 Saniculae, on *Sanicula* sp., 65
 Seymeriae, on *Sevmeria macrophylla*, 17
 Sorghi, on *Zea Mays*, 1 36 45
 Tanaceti, on *Vernonia Baldwinii*, 17
 Taraxaci, on *Taraxacum officinale*, 41 45 109
 Thompsoni, on *Carex stenolepsis*, 78
 Violae, on *Viola palmata cucullata*, 14 45
 Windsoriae, on *Muhlenbergia diffusa*, 110
 Xanthii, on *Ambrosia trifida*, 1 84
 Pucciniastrum Crotonis, on *Croton monanthogynus*, 28 84
 Uromyces appendiculatus, on *Phaseolus pauciflorus*, 1 17 55
 Caladii, on *Arisaema Dracontium*, 14 17 29 45 48 58 65
 99
 caryophyllinus, on *Dianthus caryophyllus*.
 Euphorbiae, on *Euphorbia dentata*, 1 29 32 45 93
 Fabae, on *Desmodium canescens*, 28 32 45 84
 graminicola, on *Danthonia spicata*, 1
 Hedysari-paniculati, on *Desmodium canescens*, 28 30
 32 45 84 93
 Lespedezae, on *Lespedeza violacea*, 16 28 45 61 109
 Polygoni, on *Polygonum erectum*, 1 29 110
 Rudbeckiae, on *Rudbeckia laciniata*, 30

- Sparganii, on Sparganium sp., 109
Spermacoces, on Diodea teres, 1
Terebinthi, on Rhus Toxicodendron, 45
Uropyxis Petalostemonis, on Petalostemon, 108

EUMYCETES —BASIDIOMYCETES —(Hymeniales.)

- Agaricus amygdalinus, 7
 arvensis, 7
 campester, 7
 rufescens, 65
 hortulana, 17
 placomyces, 1
 pratensis, 1
 Rodmani, 1 7
 silvicola.
 subrufescens, 7
Amanita cothurnata, 23 45 58 72
 Frostiana, 17 20
 magnivelaris, 65
 muscaria, 45
 onusta, 17 20
 (white form.)
 phalloides, 23 72
 radicata.
 Ravenelii, 45
 rubescens.
 solitaria, 74
 spissa, 45
 verna
Amanitopsis agglutinata, 23 72
 farinosa, (common.)
 vaginata, (common.)
 velosa, 72
 volvata.
 elongata, 17 58
Armillaria mellea, 7
Bjerkandera robiniophila, 6
Bolbitus Glatfelteri, 6 65 84
 tener, 6
Boletinus porosus, 65
Boletus alutarius, 74
 auriporus.
 bicolor, 74
 castaneus.
 vinicolor.

- chrysenteron, 17
- ferrugineus, 58 72
- illudens, 65 74
- indecisus.
- luridus.
- mutabilis, 19
- nigrellus.
- ornatipes, 58
- pachypus, 45
- pallidus, 1
- piperatus, 19
- purpureus, 19
- radicans.
- rimosellus, 19
- rubeus, 17
- rubinellus, 19
- scaber.
- separans, 45
- sordidus.
- sphaerosporus.
- subglabripes.
- subtomentosus.
- subvelutipes, 58
- Sullivantii, 58
- Cantharellus aurantiacus, 74
- cibarius.
- cinnabarinus, 18 74
- Claudopus nidularius, 17 65
- Clavaria aurea, 45
- botrytes, 86
- coralloides.
- cristata, 32
- densa, 45
- flaccida, 65
- ligula, 45
- mucida, 17
- pusilla, 17
- pyxidata, 20
- spinulosa, 7
- stricta.
- Clitocybe Adirondackensis, 65
- angustissima, 20
- candicans.
- dealbata, 19
- eccentrica.
- ectypoides, 1 58

flaccidus.
lobatus.
hirneola.
illudens.
infundibuliformis.
laccata.
monadelphæ.
multiceps, 20 65
ochropurpurea.
truncicola, 17
virens.

Clitopilus abortivus.
micropus, 45
Prunulus, 65
sphaerosporus, 65
Underwoodii, 48
Collybia acervata, (common.)
amabilipes, 65
colorea, 65
dryophylla, 6
ligniaria, 65
myriadophylla, 65
platyphylla, (common.)
radicata, 7 45
stipitaria, 18
striatulata, 65
strictipes, 65
velutipes, 14 17
xanthopoda, 65
zonata, (rare.)

Coprinus atramentarius.
comatus, 65
ephemerus.
fimetarius.
Jonesii.
micaceus.
plicatilis, 18
pulchrifolius.
quadrifidus, 65 73
radians, 65
squamosus, 17

Corticium lacteum, 45

Cortinarius anfractus, 58
balteatus, 45
caerulescens, 45 65

- callisteus, 45
- calochrous, 45
- castaneus, 45
- distans.
- obliquus, 45
- purpurascens, 45
- sanguineus, 65
- varius, 45
- Craterellus cantharellus, (common.)
- cornucopioides, 45
- Crepidotus mollis, (common.)
- putrigenus, 17
- Daedalea ambigua, (common.)
- confragosa, (common.)
- quercina.
- unicolor.
- Deconia coprophila.
- Eccilia sp., 65
- Entoloma cyaneum, 65
- Grayanum, (common.)
- nigricans, 17
- Exidia alba, (common.)
- glandulosa, 17
- Favolus canadensis.
- europaeus, 45
- Flammula Braendlei, 17 65
- conissans.
- eccentrica, 17
- highlandensis, 17 19
- inopoda, 17
- lubrica, 17 20
- multifolia.
- sapinea, 58 65
- spumosa, (common.)
- Underwoodii, 19
- Fomes annosus.
- applanatus, (common.)
- connatus.
- Curtisii.
- Everhartii, 45
- fomentarius.
- fraxinophilus, 45 65
- ignarius, 45
- lucidus, (common.)
- obliquus, 45
- reniformis, 45 65

- Ribis, 65
- rimosus, 30
- Robiniae, 28 75
- sessile, 18 65
- Galera capillaripes.
 - coprinoides.
 - lateritia, 17
 - ovalis, 85
 - reticulata, 30
 - tenera.
- Gloeoporus conchoides, 17 20
- Gomphidius rhodoxanthus, 23 74
- Guepinia biformis, 65
 - palmiceps, 1
- Hebeloma mesophaeum, 65 76
- Hirneola Auricula-Judae, 45
- Hydnum adustum, 45 58 65
 - amplissimum, 58
 - artocreas.
 - Caput-ursi, 65
 - coralloides, 45
 - Erinaceus, 45 57
 - flabelliforme, 58
 - gelatinosum, 58
 - ochraceum, (common.)
 - pulcherrimum, 19 65 74
 - repandum.
 - zonatum, 1
- Hygrophorus borealis, 45
 - chlorophanus, 45
 - glutinosus, 45
 - Laurae, 45
 - pratensis, 45
- Hymenochaete rubiginosa, 45 65
 - tabacina.
- Hypholoma appediculatum, 7
 - cutifractum, 65
 - hirtosquamulosum, 65
 - hydrophilum, 18 45
 - hymenoccephalum.
 - incertum.
 - ornellum, 65 74
 - perplexum.
 - Storea caespitosus, 19
 - subaquilum, 19 76
 - sublateritium, 7 17 45 65

- velutinum.
- leicephalum, 20
- Inocybe albodisca, 74
 - asterospora, 65
 - desquamans, 65
 - eutheloides.
 - hirsuta.
 - margaritispota, 17 65
 - plumosa.
 - rigidipes.
 - rimosa, 65
 - subochracea, 45
 - umboninota, 19
- Inonotus hirsutus, 19
- Irpex cinnamomeus, 45
 - fuscescens, 45
 - mollis.
 - obliquus, 20
- Lactarius corrugis.
 - distans.
 - deliciosus, 7
 - fuliginosus.
 - Sumstinei.
 - glyciosmus, (common.)
 - insulsus, 45 58
 - luteolus, 19 74
 - piperatus, 45 65
 - subdulcis, (common.)
 - subvelutinus.
 - thejogalus.
 - trivialis, 45
 - vellereus.
 - volemus, 72 74
- Lentinus Lecomptei, (common.)
 - lepideus, 65
 - microspermus, 65
 - tigrinus, 65
 - ursinus, 20
- Lenzites betulina, (common.)
 - rufozonata, 45
 - corrugata, 45
 - flaccida.
 - sepiaria.
 - vialis, 18 65 72
- Lepiota acutesquamosa, (common.)
 - Americana, 7

brunnescens, 19 20
 caerulescens.
 cepaestipes, 48
 cretacea.
 lutea, 7
 clypeolaria pygmea. *
 cristata, (common.)
 cristatella.
 eriophora.
 felina, 19 65
 felinoides, 17
 Friesii, 20 65
 fuscoscumea.
 Glatfelteri, 65
 granulosa.
 maculans.
 miamensis, 19
 Morgani, 16
 naucinoides, (common.)
 nudipes.
 oblita, 65
 procera, (common.)
 rorulenta, 17 72
 rubrotincta, 65
Marasmius anomalus, (common.)
 caespitosus, 65
 campanulatus, (common.)
 elongatipes, 65
 glabellus, 1
 nigripes, 65
 oreades, 7
 polyphyllus.
 ramealis, 20
 resinosus niveus, 65
 Rotula, (common.)
 salignus, 17
 scorodonius, (common.)
 spongiosus, 17 65
 subnudus, (common.)
 Wynnei, 65
Merulius lacrymans, 7
 rubellus.
 tremellosus, (common.)
Mycena denticulata, 65
 filopes, 17 65

- galericulata, (common)
 (pale form.)
 calopus.
- haematopa, (common.)
 Iris, 65
 Leaiana.
 leptophylla.
- Naucoria contraria, 1
 semiorbicularis, (common.)
 tabacina, 17
 unicolor, 20
- Nolanea picea.
- Omphalia Campanella, (common.)
 epichrysia, 65
 fibula, 43
 pyxidata, 17.
 subclavata, 17 45
- Panaeolus papilionaceus,
 (common.)
 retirugis, 45
 solidipes, (common.)
- Panus dorsalis, 45 65
 meruliceps, 17 20 65
 stipticus.
- Paxillus porosus, 7 65
- Pholiota adiposa, 65
 aggericola, 65
 autumnalis.
 comosa alba, 20
 confragosa, 45
 destruens, 7
 detersibilis, 65
 filaris, 72
 lutea, 1
 marginata.
 praecox, 17 65
 spectabilis, 65
- Phylloporus rhodoxanthus, 72 74
- Pilosace eximia, 65
- Pleurotus applicatus, 55
 atro caeruleus griseus, 65
 candidissimus, 17 20
 dryinus, 7
 geoginus, 18 19
 ostreatus, 32
 petaloides, 65
 sapidus, (common.)
 Ulmarius, 17 65

- Pluteolus aleuriatus*, 65
Pluteus admirabilis, 65
 cervinus, (common.)
 albus.
 viscosus, 17 18
 longistriatus, 65 73
 nanus.
 phlebophorus, 17 65
 umbonatus, 17
 umbrosus.
Polyporus adustus, 45 65
 Anax, (common.)
 arcularius, (common.)
 Berkeleyi, 65
 connatus.
 cuticularis.
 destructor.
 distortus, 65
 epileucus candidus, 72 91
 flavovirens, 45 58
 fumosus.
 giganteus.
 gilvus, (common.)
 hispidus.
 humilis, 65
 nidulans, 74
 obtus, 58
 perennis, 65
 picipes, 65
 radicatus.
 reniformis, 18
 resinosus.
 scruposus, 45
 Spraguei, 17 72
 sulphureus, (common.)
 varius, 65
Polystictus cinnabarinus, 45 65
 hirsutus, (common.)
 albiporus, 17
 parvulus simillimus.
 perennis.
 pergamenus, (common.)
 (white.)
 pseudo pergamenus,
 (common).
 sanguineus, 45 65
 velutinus.
 versicolor, (common.)

Poria bombycina, 45
 pulchella, 45
 subacida, 45
Psalliota campestris, (common.)
 hortulana, 17
 rufescens, 65
 placomyces.
 rodmani, (near 6)
 sylvicola, (common.)
Psathyra multipedata, 20 65
 umbonata, 1
Psathyrella disseminata,
 (common.)
Psilocybe foenisecii, 6
Pyropolyporus candicinus, 20
 everhartii.
 ignarius, 1
Russula alutacea, 45
 brevipes, 23
 chamaeleontina, (common.)
 compacta, 17
 crustosa, 72 74
 cyanoxantha, 45
 decolorans.
 densifolia, 19
 eccentrica, 19
 foetens subfoetens, 74
 heterophylla, 17
 integra, (common.)
 lepida, (pale). 74
 (red), 17 74
 lutea, 19
 luteobasis, 17 74
 Mariae, 32 74
 mustelina, 19
 nigrescentipes.
 nigricans, 74
 ochrophylla.
 olivacea, 74
 pectinata, (common.)
 purpurina.
 pusilla, (common.)
 sordida, 20 74
 sororia, (common.)
 subfoetens, 74
 subvelutina.
 uncialis.
 virescens.

- Schizophyllum commune,
 (common.)
- Stereum albo-badium, 45
 bicolor, 45
 complicatum, 45
 fasciatum, 45 65
 frustulosum, 45
 gausapatum.
 hirsutum, 45
 purpureum.
 sericum, 45 65
 spadicium, (common.)
 versicolor, 45 65
- Strobilomyces floccopus, 45
 strobilaceus, 45
- Stropharia aeruginosa.
 bilammelata.
 semiglobata, 65
- Stercorarias, 1
- Thelephora caryophyllea, 74 84
 palmata Americana,
 (common.)
 schweinitzii, (common.)
 Willeyi, 65
- Trametes ambigua, 45
 cinnabarina.
 mollis.
 Peckii, 72 84
 Pini.
 sepium, (pale.)
- Tremellodon gelatinosum, 58
- Tremella mesenterica, 58
- Tricholoma album, 18 45
 equestre, 45
 inamoenum, 17
 melaleucum, 6
 nudum, 20
 personatum, 7 17 45 65
 Russula, 45
 submaculatum ?, 7
 viscosum, 72
- Tubaria contraria, 65 72
- Volvaria bombycina, 32 65
 pusilla, 7
 striatula, 73
 unbonata, 7

EUMYCETES.—BASIDIOMYCETES.—(Gasteromycetales.)

- Arachnion album.
- Bovistella Ohioensis.
- Calvatia caelatum.
 - lilacina, 7
 - rubroflava, 17 19 65
- Crucibulum vulgare, 6 45
- Cyathus Lesuerii, 58
 - stercoreus, 7
 - striatus, 65
 - vernicosus, 7
- Dictyophora duplicata.
- Geaster hygrometricus, 58
 - limbatus, 17
 - Morganii, 65
 - rubescens, 44
 - saccatus, 45
 - triplex, 58
 - velutinus.
- Ithyphallus impudicus 7
- Lycoperdon atro purpureum, 38 65
 - cepaeforme.
 - craniforme, (common.)
 - cruciatum, 7 28
 - gemmatum, 45
 - glabellum, 65
 - longisporum, 65
 - missouriense, 7 58
 - molle.
 - echinatum.
 - muricatum.
 - oblongisporum, 65
 - piriforme, 28 58
 - tesselatum, (common.)
 - pulcherrimum, 58
 - rimulatum, 19 65
 - separans, (common.)
 - tesselatum.
 - Treleasii, 28
 - Wrightii, 17 28 35
- Mutinus Curtisii, 30
 - elegans.
 - Ravenelii, 7
- Phallogaster saccatus, 45
- Polysaccum Pisocarpium, 17 19 72
- Scleroderma cepa, 20
 - geaster, 65

tenerum.
verrucosum, 28

LICHENES.

- Biatora decipiens*, 100
 Russellii, 53
Cladonia cristatella, 36
 fimbriata, 44 61
 abolepta, 34
 coniocraea, 44
 furcata, 61
 Mitrulla, 15 33 72
 pyxidata, 36 58
 rangiferina, 58 61
 sylvatica, 58
Endocarpon arboreum, 48
 miniatum, 33 45 55 65
Pannaria lanuginosa, 36 65
Parmelia Borreri, 36 45 48
 carperata, 61 65
 tiliacea, 55
Peltigera canina, 44
 polvdactyla, 36
 rufescens, 33
Physcia hypolema, 29
 stellaris, 36
Placodium ferrugineum, 33
Ramalina calicaris, 61
Usnea barbata, 58 61
 florida, 55 61

ARCHEGONIATAE—BRYOPHYTA—(Hepaticae.)

- Anthoceros laevis*, 15 34 45 46 48 58 65
Asterella hemisphaerica, 35 44 46 58 61
 tenella, 48
Cephaloziella divaricata, 48
Conocephalus conicus, 45 58 65
Frullania eboracensis, 45 46 56 61 65
Grimaldia fragrans, 58
Lophocolea heterophylla, 45 48
Marchantia polymorpha, 32 45 56 58 65 108
Porella pinnata, 65
 platyphylla, 33
Riccia dictyospora, 56
 natans, 48 62
Scapania curta, 61
 memorosa, 61

ARCHEGONIATAE—BRYOPHYTA—(Musci.)

- Amblystegium adnatum*, 33 36 45 46 56
 Nelsonii, 45 46 56
 confervoides, 44 48 61
 distantifolium, 58
 fluviatile, 15 33 34 44 45 46 48 58 61 65
 furatzkanum, 35 45
 irriguum, 33 34 44 45 58 61 65
 Juratzkanum, 34 45
 orthocladon, 58 65 100
 porphyrrhizon, 65
 pseudo confervoides, 36
 riparium, 17 38
 serpens, 33 44 46 84
 subcompactum, 58
 varium, 15 17 33 34 44 45 48 56 58 65
 84 100
Anomodon attenuatus, 36 46
 obtusifolius, 61 65
 rostratus, 33 34 44 45 46 55 58 65
Atrichum angustatum, 7 15 33 45 58
 xanthopelma, 46
Aulacomnium heterostichum, 15 45 55 58
Barbula Bolanderi, 46 58
 caespitosa, 45 58
 convoluta, 58 65
 Cruegeri, 34 58
 muralis, 45 58
 recurvifolia, 36 61
 unguiculata, 45 46
Bartramia pomiformis, 45 58 61
 radicalis, 45 58
Brachythecium abruptinerve, 56
 58 65
 acuminatum, 34 45 46 58 65
 cyrtophyllum, 46 58 84
 digastrum, 33 45 46 58 65
 Fendleri, 56
 laetum, 45 46 58 65
 leucoglaucum, 46
 luteolum, 45
 Mildeanum, 58
 mirabundum, 45
 pseudo collinum, 48
 rivulare, 56
 salebrosum, 45
Bruchia curviseta.

- flexuosa, 33
- Sullivantii, 17
- Bryum argenteum, 33 46 50 58
 - lanatum, 36
 - bimum, 58
 - caespitium, 15 58
 - cirrhatum, 58
 - haematophyllum, 36
 - inclinatum, 58 61
 - intermedium, 34 58
 - ontariense, 33 45 46
 - pallescens, 58 65
 - producticolle, 58
 - pseudo-triquetrum, 56 61
 - subrotundum, 17
 - turbinatum.
- Ceratodon columbiae, 25
 - purpureus, 15 18 36 41 45 61
- Climacium americanum, 45
 - dendroides, 58
- Cylindrothecium brevisetum.
 - compressum, 15 65
 - Drummondii, 56
 - Macounii, 65
 - seductrix, 33 36 58 61
 - Sullivantii, 58
- Desmatodon arenaceus, 58
 - obtusifolius, 44 58
 - plinthobius, 36 44
 - Porteri, 44 45 46 65
 - subcarnifolia, 58 65
- Dichodontium Nelsonii, 33
- Dicranella curvata, 58
 - debilis, 15 25 46 58 100
 - Fitzgeraldi, 34 58 61
 - heteromalla, 58 61 100
 - varia, 45 100
- Dicranium flagellare, 33
 - Howellii, 55 61
 - montanum, 45
 - rhabdocarpum, 61
 - pallidum, 58
 - scopariiforme, 50
 - scoparium, 50 58
 - subpalustre, 61
 - viride, 58
- Diphyscium foliosum, 45
- Ditrichum homomallum, 45 46

pallidum, 15 17 46 58 61 65
Schimperii, 45 46 48 50
tortile, 15

Drummondia clavellata, 45 58 65
Eucalypta Macounii, 65
Encladium verticillatum, 34
Eurhynchium Boscii, 45 58
coloradense, 58
colpophyllum, 65
hians, 48 58
prælongum, 58
strigosum, 46 55
præcox, 48

Fabronia Ravenelii, 44 48
Fissidens cristatus, 58
incurvus var. exiguus, 65
subbasillaris, 58
taxifolius, 58

Fontinalis disticha, 58
Funaria flavicans, 17 58 110
hygrometica, 7 15 33 45
58 65 100
serrata, 61

Grimmia apocarpa, 33
gracilis, 33
rivularis, 33
pachyneurula, 46
teretinervis, 33
trichophylla, 33

Gymnostomum curvirostre, 33 56
58
scabrum, 44 61

Hedwigia ciliata, 36 45 46
viridis, 61

Hypnum aduncum, 61
arcuatiforme, 56
byssirameum, 48 50
chrysophyllum, 15 45 48
curvifolium, 44 61
filicinum, 56 61 65
hispidulum, 15 45 58
Patientiæ.
polygamum, 46 58
Sommerfeltii, 58
subdensum, 65
subsecundum, 45
unicostatum, 58

Leptobryum pyriforme, 7

- Leptodontium canadense*, 44
Leskea gracilescens, 15 44 45 46
 48 84
 obscura, 45 58 65
 polycarpa, 15 45 46 65
 subobtusifolia, 44 46
Leucobryum glaucum, 45 61
Leucodon julaceus, 58
Mnium affine, 65
 cuspidatum, 15 33 36 45 61 99
 Drummondii, 83
Orthotrichum cupulatum, 46 48 65
 Porteri, 33 58 65
 exiguum, 34
 Hallii, 46
 ohioense, 45
Philonotis fontana, 61
Physocomitrium acuminatum, 58
 australe, 58 65 84
 microcarpum, 44 58
 piriforme rostellatum, 65
 platyphyllum, 45 65
 rufipes, 65
 turbinatum, 15 33 45 58 65
Plagiothecium membranosum, 44
Platygyrium repens, 34 45 46 48 56
 58 61
Pleuridium alternifolium, 17 45
Pogonatum brevicaulis, 45
Polytrichum commune, 58 61
 gracile, 45 58
 juniperinum, 15 33 45 48 58 61
 ohioense, 61
Ptychomitrium incurvum, 33 65
Pylaisia filari acuminata, 58
 intricata, 36 58 61 65
 velutina, 45
Raphidostegium microcarpum, 33
Rhynchostegium deplanatum, 45
 geophilum, 45
 serrulatum, 45 46 61 65
Tetraphis cuspidata, 58
 pellucida, 58 61
Thelia asprella, 44 45 58
 Lescurii, 48 50
Thuidium delicatulum, 58 61
 microphyllum, 65
 minutulum, 50

Philiberti, 33 45 58 61 65
 recognitum, 61
 virginianum, 45
 Timmia megapolitana, 58
 Trichostomum tenue, 58
 Webera albicans, 44
 nutans, 33 45 48 58 61 65
 Weisia longiseta, 65
 viridula, 15 32 33 45 58 65
 gymnostomoides, 33

ARCHEGONIATAE—PTERIDOPHYTA—(Filicales.)

Adiantum pedatum, 14 17 45 55 62 65 70 99 109
 Aspidium marginale, 15 33 58 61 65
 spinulosum.
 Thelypteris, 20 61 65
 Asplenium acrostichoides, (A. thelypteroides), 15 58 61
 62 65 99
 angustifolium, 42 61 62 65 99
 ebenoides.
 Filix-femina, 20 56 61
 Jolano-rhaetium, 30
 ovatum, 99
 rhaetum, 58
 parvulum, 56
 platyneuron, (A. ebenum), 7 17 48 58 61 109
 Trichomanes, 45 58 61
 Botrychium obliquum, (B. ternatum obliquum), 48
 dissectum, (B. ternatum dissectum), 48
 ternatum, 48 62
 virginianum, 14 17 20 40 44 45 58 61 62 65 80 98 99
 Camptosorus rhizophyllus, 58 61 65
 Cheilanthes Feei, (C. lanuginosa), 35 45 58 61
 lanosa, (C. vestita), 45 61
 Cystopteris bulbifera, 61 62 65 109
 fragilis, 15 17 32 61 65 80 109
 Onoclea sensibilis, 15 16 17 42 62 110
 Ophioglossum vulgatum, 10 33 45 56 58 61
 Osmunda cinnamomea, 15 61
 Claytoniana, 15 16 20 73
 regalis, 15 48 58
 Pella atropurpurea, 32 33 45 56 58 61 81
 pumila, 61
 Phegopteris hexagonoptera, 33 61 62 65 76 109
 Polypodium polypodioides, (P. incanum), 58 61
 vulgare, 60 61

Polystichium acrostichoides, (*Aspidium acrostichoides*), 15
16 17 20 33 48 57 58 62 99
 incisum, (*Aspidium acrostichoides*
 incisum.), 48
Pteris aquilina, 20 33 45 58 61 65 99
Woodsia obtusa, 32 33 45 58 61 62 109

ARCHEGONIATAE—PTERIDOPHYTA—(Equisetales.)

Equisetum arvense, 5 15 17 24 84 96 104 110
 laevigatum, 32 33 40 65 81
 robustum, 24 32 33 65 81 82 102 110

ARCHEGONIATAE—PTERIDOPHYTA—(Lycopodiales.)

Azolla caroliniana, 65 72 91 98 110
Isoetes Butleri, 56 98
 Engelmanni, 30 45
 melanopoda, 84 98 109
 riparia, 109
Lycopodium lucidulum, 61
Selaginella apus, 57 61
 rupestris, 61

PHANEROGAMEN.—GYMNOSPERMAE.

Juniperus virginiana, (common.)

PHANEROGAMEN—ANGIOSPERMAE—
(Monocotyledonae.)

Acorus Calamus, 21 48 82 110
Agave virginica, 32 33 45 55
Agropyron repens, 45 104
 Smithii, 30 57 84
Agrostis alba, 32 49 65 84 86
 vulgaris, 17 19 98
 arachnoides, 61
 hyemalis, (*A. scabra*), 17 32 42 53 98
 perennans, (*A. intermedia*), 32 33 44 57

- Alisma Plantago aquatica*, (*A. Plantago*), 14 20 31 46 57
 104 108 109 110
Allium canadense, 7 14 17 42 69
 cernuum, 32 45 57 75 98
 mutabile, 58
 stellatum, 33 45 48 58
 vineale, 17 58 98 110
Alopecurus geniculatus, 7 17 84
 aristulatus, 1 32 72
 pratensis.
Andropogon Elliottii, 44 49 58
 furcatus, 32 58 61
 scoparius, 32 45 58 98 109
Anthoxanthum odoratum, 19 20
Aplectrum hyemale 57 58 65
Arisaema Dracontium, 14 17 21 31 32 33 41 45 48 58 61
 99 102
 triphyllum, 14 17 18 45 57 58 65 75 83 99 102
Aristida basiramea, 58 61
 dichotoma, 5 104
 gracilis, 16 17 18 22 39 61
 longistrata, 94 (*fide* Eggert.)
 oligantha, 1 17 18 32 81 98
 purpurascens, 32 33 58
Asparagus officinalis, 7 14 17 41
Asprella Hystrix, 16 17 20 32 45 65 98
Belamcanda chinensis, 45 57 72
Bouteloua curtipendula, (*B. racemosa*), 33 45 58 99
Brachyelytrum aristatum Engelmanii, 65
 erectum, (*B. aristatum*), 17 48 58 61
Bromus ciliatus, 42 58 65 98
 Kalmii, 32 58
 purgans, 33 58
 racemosus, 14 17 32 53 55 98
 secalinus, 7 14 32 58 106
 tectorum, 10 58
Calamagrostis canadensis, 20 49 57 65 98
 cinnoides, (*C. Nuttalliana*), 109
 inexpansa, (*C. confinis*)
Calamovilfa longifolia, (*Calamagrostis longifolia*), 2 86
Camassia esculenta, (*C. Fraseri*), 14 33 45 58 61 70 72 110
Carex adusta.
 alata, (*C. straminea alata*.)
 Cephalophora, 17 46 61 75 85 91 104
 communis, 58
 comosa, (*C. Pseudo-Cyperus americana*), 48 108
 conjuncta, 17 61 65 85 98
 Crawei, 32

crinita, 48 57 82 98
 crus-corvi, 58 65 98
 Davisii, 17 57 58 61 65 105
 decomposita, 17
 eburnea, 58 60 61
 festucacea brevior, (*C. staminea brevior.*)
 Frankii, (*C. stenolepsis*), 16 29 42 49
 58 59 61 78 108 110
 glaucodea.
 gracillima, 57 58
 granularis, 17 48 57 98
 gravida, 17 55 66 92
 laxifolia, 18 99
 Grayii, 57 58 65
 hispidula, 58 61
 grisea, 7 17 58 65 82 85
 angustifolia, 82 110
 globosa, 14 110
 hystericina.
 intumescens.
 Jamesii, 14 17 46 58 65
 lacustris, 24 82
 lanuginosa, (*C. filiformis latifolia*), 57 84
 laxiflora, 7 65 84 94 108
 blanda, (*C. laxiflora striatula*), 46 110
 latifolia, 14 32 33 45 58 65 79 108
 patulifolia.
 styloflexa, 58 84
 Leavenworthii, (*C. cephalophora angustifolia.*)
 lenticularius.
 lupuliformis, (*C. lupulina polystachya*), 110
 lupulina, 17 32 48 55 58 98
 pedunculata, 48 109
 lurida, 22 45 61 77 82
 divergens, 48
 Muhlenbergii, 33 46 82
 enervis.
 muskingumensis, 48 58
 oligocarpa, 45 65 99
 oliogosperma, 58 61
 panicea.
 Parryana, 56
 pennsylvanica, 17 33 56 98
 pubescens, 17 32 45 61 99
 retroflexa, (*C. rosea retroflexa*), 7
 riparia, 58 65 72 85 99
 rosea, 17 45 99

- scoparia, 17
 Shortiana, 17 32 57 65 84
 sparganioides, 17 51 65 66 99
 squarrosa, 14 17 55 58 61 98
 stipata, 61 65 110
 straminea, 17 82 94
 stricta, 17
 . angustata, 99
 tetanica, 32
 Meadii, (*C. tetanica Canbyi*), 17 20 58
 tribuloides, 48 55 65 92 99
 cristata, 17 72 85 109
 turbata.
 triceps, 16 17 29 61
 Smithii, 45 58
 trichocarpa aristata, 99
 umbellata, 16 39 45 98
 vicina, 16 33 45
 varia, 58 61 65 80 98
 verrucosa.
 vesicaria, (*C. monile*), 92 99
 virescens.
 vulpinoidea, 17 45 64 68 109
 Willdenowii, 62 94
 Cenchrus tribuloides, 4 14 23 82 84
 Cinna arundinacea, 17 28 42 55
 Commelina communis, (*C. nudiflora*), 15 30 58 93 94 98
 hirtella, 61
 virginica, 17 46 53 58 92
 Corallorhiza maculata, (*C. multiflora*), 58 65
 odontorhiza, 45 58 98
 Cynodon Dactylon, 32 33 36 85
 Cyperus acuminatus, 20 32 72 82
 aristatus, 39 98
 diandrus, 45 58 81
 Engelmanni, 57 94
 erythrorhizos, (*C. Halei*), 14 17 24 65 78 82
 pumilus, 55 110
 esculentus, 17 24 39 93 106
 angustispicatus, 98
 ferax, (*C. speciosus*), 17 45 81 84 98
 filiculmis, 18 58 82
 flavescens, 39
 Michauxianus, 81 92
 strigosus, 82
 ovularis, 3 7 14 17 20 61 104
 robustus, 7 61

- pseudovegetus, (*C. calcaratus*).
 refractus, 7 40 58 61
 repens phymatodes, 82
 rivularis, (*C. diandrus castaneus*), 58
 rotundus.
 Schweinitzii, 42 48 55 81 104
 strigosus, 17 45 72 94
 tetragonus.
 Cypripedium parviflorum.
 pubescens, (*C. pubescens*). 32 42 45 48 58 99
 Dactylis glomerata, 3 32 42 45 58
 Dactyloctenium aegyptium, (*Eleusine aegyptica*), 30 85
 Danthonia spicata, 16 17 18 32 58 61 79
 Deschampsia caespitosa.
 flexuosa.
 Diarrhena diandra, (*D. americana*), 58 61 82
 Digitaria filiformis, (*Panicum filiforme*), 17 30 32 45 61 81
 sanguinalis, (*Panicum sanguinale*), 21 72 98
 fimbriata, (*Panicum sanguinale fimbriata*), 58
 Dioscorea glauca, (*D. villosa*). 14 32 45 48 65 105
 paniculata, 32
 Dulichium spathaceum, 45 109
 Echinochloa crusgalli, (*Panicum crusgalli*), 17 85
 Echinodorus cordifolius, (*E. rostratus*), 84 85 104 110
 lanceolatus, (*E. rostratus lanceolatus*), 84
 radicans, 65 82 110
 tenellus, (*E. parvulus*), 98
 Eleocharis acicularis, 1 14 60 65 84 108
 acuminata, (*E. compressa*), 1 98 104
 Engelmanni, 16 57 105
 olivacea, 58
 ovata 1 36 45 48 58 65 75 109
 palustris, 65 104
 quadrangulata, 58 59
 tenuis, 16 17 58 84
 Eleusine indica, (common).
 Elodea canadensis, 3 6 58 59 82
 Elymus arenarius, (*E. mollis*).
 canadensis, 45 61 65
 glaucirolius, 33 45 58 65
 striatus, 17 30 82 104
 villosus.
 virginicus, 32
 Eragrostis Brownei, (*E. ovina.*)
 capillaris, 18 58
 elatior, 49 55
 Frankii, 65 73
 Hypnoides, (*E. reptans*), 17 31 32 98 104

- interrupta, (*E. nutans*), 33 45 58
- (*E. tenella*), 16 17 29 72 93 99
- megastachya, (*E. major*), 18 29 98
- pectinacea, 18 32 33 56
- spectabilis, 18 57
- pilosa, (*E. Purshii*), (common.)
- Shortii, 55 56 58 61
- trichodes, (*E. tenuis*), 33
- Erythronium albidum, 14 17 45 58 69 98
- americanum, 65
- Festuca elatior, 58
- Shortii, 58
- Fimbristylis autumnalis, 94
- castanea, (*F. spadicea castanea*), 56 83
- laxa.
- spadicea, 16
- Glyceria fluitans, 16 98
- grandis, 57 72
- nervata, 7 16 17 32 57 58 65 68 108
- pallida, 17 32
- Habenaria flava, (*H. virescens*), 20 57 72 109
- leucophaea.
- lacera.
- Heleocholea schoenoides, 84
- Hemerocallis fulva, 32 58 69
- Hemicarpha Drummondii, (*H. subsquarrosa Drummondii*), 17
- micrantha, (*H. graminea*), 40 45 58 82 106
- Heteranthera dubia, (*H. gramea*), 40 45 58 82 106
- limosa, 16 32 33 85 93 98
- reniformis, 82 98 106
- Hexalectris aphylla, 10 58 61
- Hordeum jubatum, 17 81 84 91 98
- pusillum, 11
- secalinum, (*H. pratense*), 68
- Hypoxis hirsuta, (*H. erecta*), 14 18 32 33 45 58 98
- Iris hexagona, 10 57 58
- versicolor, 68 91 98 104
- Juncus acuminatus, 55 61 82 98
- aristulatus, (*J. marginatus biflorus*), 20
- brachycarpus, 20 35
- debilis, (*J. acuminatus debilis*).
- dichotomus, 33 42
- effusus, 14 22 57
- marginatus, 17 42 109
- paucicaudatus, (near 70)
- nodosus, 14 48 58 61
- polycephalus, (*J. scirpioides polycephalus*).
- robustus, (*J. acuminatus robustus*), 61 92 99

- secundus, (*J. tenuis secundus*), 42
 tenuis, 14 32 33 61
 Torreyi, (*J. nodosus megacephalus*), 22 64 80
Koeleria cristata, 17 18 29 33 58 99
Kyllingia pumila, 17 20 35 76
Leersia lenticularis, 58 59 65 82 94
 (striped form), 58
 oryzoides, 58 65 72 109
 virginica, 5 65 104
Lemna minor, 6 7 58 65 72 89 92
 perpusilla, 3 58 65 84 85
 trinervis, 14 16 65 72 84
 trisulca, 82 84 110
Leptochloa fascicularis, (*Diplachne fascicularis*), 81 83 98
 filiformis, (*L. mucronata*), 23 58 59 60
Leptoloma cognata, (*Panicum autumnale*), 32 58 65
Lilium canadense, 14 42 57 58 84
 Philadelphicum, 17 58
 superbum, 45
Liparis liliifolia, 17 48 58 61
 Loeselii, 60
Lolium perenne, 55 72
Lophocarpus calycina maxima, (*Sagittaria calycina*), 16 30
 45 65 98
Luzula campestris, 55 58 61
Melanthium virginicum, 5 10 16 17 20 57
Melica mutica, (*M. diffusa*), 16 17 32 45 46 48
Microstylis unifolia, (*M. ophioglossoides*), 61
Muhlenbergia mexicana, 35 58 65
 racemosa, (*M. glomerata*), 32 33 65 108 109
 Schreberi, (*M. diffusa*), 17 28 33 110
 sobolifera, 33 61 98
 sylvatica, 7 65 109
 tenuiflora, (*M. Wildenowii*), 33 65
Najas flexilis, 40 84
Nothoscordum bivalve, (*N. striatum*), 14 38 45 58 98
Orchis spectabilis, 58 69
Ornithogalum nutans, 45
 umbellatum, 39 45
Panicum agrostoides, 17 22 92
 anceps, 58
 boschii, *Poir.*, 58
 capillare, 17 65
 clandestinum, 33 58 61 109
 depauperatum, 18 32 45 61 70
 dichotomum, 17 18 33 45 61
 dichotomiflorum, (*P. proliferum*), 36 72 84 98
 huachucae, *Ashe*, 58

- silvicola, *Hitchc. & Chase*, 1
- lanuginosum, (*P. pubescens*), 7 33 53 58
- latifolium, 17 32 33 36 46 55 58
- lindheimeri, *Nash*, 1 33 58
- microcarpum, 33 36 57 58
- perlongum, 45
- polyanthes, *Schult*, 1
- Porterianum, 33 58 98
- pyreforme, 61
- scoparium, 17 18 48 58
- spretum, (*P. nitidum*), 33
- virgatum, 45 61 91
- xalapense, (*P. laxiflorum*), 48 56 61
- Paspalum laeve, 8 58
- mucronatum, (*P. fluitans*), 45 58 65 82 93
- setaceum, 17 58 61 65
- Peltandra virginica, (*P. undulata*), 20 109
- Phalaris canariensis, 14 72 84
- Phleum pratense, 17 32
- Phragmites communis, 99 110
- Poa annua, 17 45 84
- autumnalis, (*P. flexuosa*), 45
- brachyphylla, (*P. brevifolia*), 58
- Chapmaniana, 65
- compressa, 29 32 57 84
- nemoralis, 48 58 61 99
- pratensis, (common.)
- serotina, (common.)
- sylvestris, 45 110
- trivialis.
- Pogonia trianthrophora, (*P. pendula*), 20 22 48
- Polygonatum commutatum, (*P. giganteum*), 5 14 32 45 58
65 106
- Pontederia cordata, 29 32 82 109
- Potamogeton americanus, (*P. fluitans*), 45 55 65 75 91
- amplifolius, 98
- foliosus, (*P. pauciflorus*.)
- Friesii, (*P. mucronatus*), 85 98
- heterophyllus, 82
- hybridus, 16 17 55 94
- spicatus.
- illinoensis, 98 110
- natans, 57
- pectinatus, 9 45 65
- Potamogeton pulcher, 57 82
- pusillus, 48
- Rhynchospora capillacea.
- Sagittaria calycina fluitans, 40

- media, 45
- graminea, 48 72 98 104 110
- heterophylla, 98 104 106 108
- lancifolia.
- latifolia, (*S. variabilis*), 14 41 45 91 104 108
- (*S. variabilis latifolia*), 65 82
- Scirpus americanus, (*S. pungens*), 45 58 54
- atrovirens, 3 58 65 68 72 74 98
- cyperinus, (*Eriophorum cyperinum*), 92
- debilis, 16
- divaricatus.
- fluvialis, 82 84 109
- lineatus, (*Eriophorum lineatum*), 17 45 61 68 72 98 109
- supinus.
- validus, (*S. lacustris*), 58 65 82 84 91 102
- verticillata, 32 61
- Scleria triglomerata, 29 32 58
- Setaria glauca, 17 57 72 104
- italica, 17 56 98
- verticillata, 1 6 84
- viridis, 3 17 32 72 98
- Sisyrinchium albidum, 16 32 33 58 98
- angustifolium, (common.)
- gramineum, (*S. anceps*), 5 14 16 17 32 33 58 68 98
- Smilacina racemosa, 5 14 32 45 70
- stellata.
- Smilax ecirrhata, 20 33 35 72 76 99
- herbacea, 17 32 41 48 85 104 110
- hispida, 14 41 45 65 98 102 110
- pseudo china, 17
- Sorgastrum nutans, (*Chrysopogon nutans*), 32 82
- Sorghum halapense, 32 36 45 48 58 84
- Sparganium eurycarpum, 57 84 102 110
- simplex, 48
- androcladium, 20 72 82
- Spartina cynosuroides, 16 22 45 58 77 82 84 110
- Sphenopholis obtusata, (*Eatonia obtusata*), 32 33 61
- pallens, (*Eatonia pennsylvanica*), 7 17 20 32 33 53 58 98
- Spiranthes autumnalis, (*S. spiralis*), 66 17 58
- cernua, 18 19 99
- praecox.
- vernalis, 104
- Spirodela polyrrhiza, 6 14 15 16 17 56 65 72 84 103 110
- Sporobolus asper, 45 58 65
- cryptandrus, 65 104
- strictus, 84
- heterolepis, 29 58
- minor, 58 60

vaginiflorus, 18 33 56 58 61 98
 Stenanthium argustifolium, 17 29 58
 robustum, 17 20 42 43 57
 Stenophyllus capillaris, (*Fimbristylis capillaris*), 61
 Stipa spartea, 84
 Tradescantia virginica, 17 19 32 45 99
 flexuosa, 60
 villosa, 14 32 58
 Tridens flavus, (*Triodia cuprea*), 32 45
 Trillium declinatum, (*T. erectum declinatum*), 65
 erectum, 58 65
 albiflorum, 65
 recurvatum, 5 14 16 32 33 45 58 69 98
 sessile, 17 20 21 32 45 58 61 65 98
 Triodia purpurea, 48 84
 Tripsacum dactyloides, 16 17 45
 Typha latifolia, 14 17 19 58 68 91 102 110
 Uniola latifolia, 33 45 48
 Uvularia grandiflora, 18 45 61 65
 perfoliata, 14 17 33 58 65 98
 Vallisneria spiralis, 58
 Veratrum Woodii, 58
 Wolffia columbiana, 1 65 84
 punctata, 84 90 102 110
 Zannichellia palustris.
 Zizania aquatica, 82
 Zygadenus glaberrimus.

PHANEROGAMEN—ANGIOSPERMÆ—(Dicotyledoneæ.)

Abutilon Theophrasti, (*A. Avicennae*), (common)
 Acalypha ostrvaefolia, (*A. caroliniana*), 30
 gracilens, (*A. virginica gracilens*), 32 33 53
 (*A. virginica gracilens monococca*), 3 104
 virginica, 14 18 32 48 65 98
 Acer dasycarpum, 3 6 7 17 45 58 91 94 98 109
 Negundo, (*Negundo aceroides*), 6 7 11 14 17 32 45 48 99
 rubrum, 6 7 17 58 60 91
 saccharinum, 6 7 17 58 65 93 108 109
 nigrum, 6 7 14 17 33 58 79 102
 Acerates floridana, (*A. longifolia*), 16 18 33 45 58 77
 lanuginosa, 33 45
 viridiflora, 33 45 48 58 99
 Achillea Millefolium, 1 11 14 16 30 32 33 39 48 68
 Acnida tuberculata, 1 36
 subnuda, 45 82 85 98
 Actaea alba, 62 64 99
 Actinomeris alternifolia, (*A. squarrosa*), 14 17 32 33 58 69

- Adelia acuminata*, (*Forestiera acuminata*), 3 30 35 40 84 91
 93 94 98
Aesculus glabra, 1 5 33 44 45 58 65 108
Agastache nepetoides, (*Lophanthus nepetoides*), 7 14 17 33
 65 105
Agrimonia gryposepala, (*A. Eupatoria*), 14 19 45 50 58 104
 parviflora, 18 33 82 104 109
Agrostemma Githago, (*Lychnis Githago*), 61 84 97
Ailanthus glandulosus, (common.)
Alnus rugosa, (*A. serrulata*), 30 45 58
Amaranthus blitoides, 6 14 17 85
 Blitum, 98
 graecizans, (*A. albus*), 17 22 32 45 106
 hybridus, (*A. chlorostachys*), (common.)
 paniculatus, (common.)
 retroflexus, 14 17 32 84 106
 spinosus, 6 7 14
Ambrosia artemisiifolia, 1 3 14 17 62 68 91
 bidentata, 58 62 82 84 102
 psilostachya, 1 48 58 61 82 84 99
 trifida, 1 4 17 29 45 62 65 68 91
 integrifolia, 50
Amelanchier canadensis, 14 17 32 45 58 61 81 108
Ammania coccinea, 65 69 72 84
Amorpha canescens, 45 50 58 83 109
 fruticosa, 17 45 48 57 58 61 65 69 81 91
Amphiachyris dracunculoides, 61
Amphicarpaea monoica, 33 58
 Pitcheri, 33 65 109
Amsonia Tabernaemontana, 42 43 45 58 82 84 91 102
Anagallis arvensis, 58
Androsace occidentalis, 30 32 33 45 58
Anemone canadensis, (*A. pennsylvanica*), 65 91 94 110
 caroliniana, 108 110
 patens Wolfgangiana, (*A. patens Nuttalliana*.)
 virginiana, 14 17 19 28 32 33 45 57 58 65 86 99 109
Anemonella thalictroides, 13 14 17 45 58
Angelica atropurpurea.
Antennaria plantaginifolia, 14 17 32 45 57 58 62 84
Anthemis arvensis.
 cotula, 1 14 17 68 101
Anychia capillacea, 3 17 32
 dichotoma, 16 17 18 42 58 82 105
Apios tuberosa, 17 58 65 91
Apocynum androsaemifolium, 30 32 33 58 91
 cannabinum, 1 6 7 14 30 32 41 68 99
Aquilegia canadensis, 20 33 45 57 58 108 109 110

- Arabis canadensis*, 33 45 61 79
 dentata, 58 65 108 110
 Drummondi, (*A. coufinis*), 110
 hirsuta, (common.)
 laevigata, 32 45 48 58 65 79 84
 lyrata, 60
 virginica, (*A. ludoviciana*), 7 18 45 61 65 79
Aralia nudicaulis, 48 58
 racemosa, 30 33 48 56 60 79
Arctium minus, (*A. Lappa miuus*), (white form), 14 64
Arenaria patula, 57 58
 stricta, (*A. Michauxii*).
Argemone alba, 58
 intermedia, (*A. platyceras*).
Aristolochia macrophylla, (*A. Siphon*), 30
 Serpentaria, 14 44 45 57 58 61 74 108
 tomentosa, 14 45 58 72 79 80 91
Artemisia biennis, 17 55 72 81 84
 caudata, 58 61 83 84
 dracunculoides.
 ludoviciana, 61 81
Aruncus sylvestris, (*Spiraea Aruncus*), 14 32 33 45 58 79
Asarum canadense, 14 17 33 45 48 58 65 78 108 109 110
Asclepias amplexicaulis, (*A. obtusifolia*), 1 82 99
 incarnata, 14 17 25 32 84 102 108
 purpurascens, 14 17 25 32 41 45 58
 quadrifolia, 16 33 38 45 48 57 58 79
 rubra, 44 49 57
 stenophylla, 1
 Sullivantii, 21 44 82
 syriaca, (*A. cornuti*), 1 14 17 32 84 102 108
 tuberosa, 14 17 29 32 45 50
 verticillata, 14 17 28 32 45 72
Asclepiodora viridis, 33 45 56 58
Ascyrum hypericoides, (*A. Crux-Andrae*), 45 58
Asimina triloba, 14 33 45 62 65 69 84 98 109
Aster anomalus, 45 48
 azureus, 17 18 40 76
 cordifolius, 14 33 58 65
 diffusus thyrsoides, 84
 Drummondii, 17 40 62
 dumosus, 32 33 79
 ericoides, 14 16 45 79 110
 villosus, (common.)
 furcatus, 58
 laevis, 1 48 56 79
 lateriflorus, (*A. diffusus*), 17 18 45 93

- linariifolius, 58 99
- longifolius, (common.)
- multiflorus, (common.)
- novae angliae, 17 20 22 45 48 64 77
- oblongifolius, 3 26 45
 - rigidulus, 70 99
- paniculatus, 17 85
- patens, 14 17 18 32 33 45 48
- polyphyllus, 17
- ptarmicoides.
- sagittifolius, 17 18 22 33 45 109
- salicifolius, 15 17 20
 - subasper.
- sericeus, 79 99
- teuifolius.
- Tradescantii, 48 73 109
- thyrsoides, (*A. missouriensis*), 17
- turbinellus, 18 32 33 56 58
- vimineus, 17 19
 - foliolosus, 84
- Astragalus canadensis, 32 58 65 84 91 109
 - mexicanus, 32 42 45 58 82 98
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