





THE NORTH CAROLINA
COLLEGE OF AGRICULTURE AND MECHANIC ARTS
AGRICULTURAL EXPERIMENT STATION

W. A. WITHERS, A.M., ACTING DIRECTOR

The Flora of North Carolina

FROM

Ranunculaceae to Salviniaceae

C. W. HYAMS



RALEIGH, N. C.

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THE NORTH CAROLINA COLLEGE OF AGRICULTURE AND MECHANIC ARTS

AGRICULTURAL EXPERIMENT STATION

RALEIGH, N. C.

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Samples for analysis should be sent to the State Chemist.

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LETTER OF TRANSMITTAL.

THE N. C. COLLEGE OF AGRICULTURE AND MECHANIC ARTS.
THE NORTH CAROLINA AGRICULTURAL EXPERIMENT STATION,
RALEIGH, N. C., May 18, 1899.

Prof. W. A. WITHERS, *Acting Director.*

I herewith submit a revision of the Flora of North Carolina, prepared by my assistant, Mr. Hyams. The rich Flora of the State has never been fully catalogued. That of Dr. Curtis being up to the present the only attempt in this line. I believe that the present list will be valued by botanists as an addition to our knowledge of the habits of these plants.

Yours truly,

W. F. MASSEY,
Horticulturist, Botanist and Entomologist.

PREFACE.

In the year 1867, Rev. M. A. Curtis published "A Catalogue of the Indigenous and Naturalized Plants of the State," embracing 1,920 species, exclusive of the lower orders. Since this time a very large number of species have been added to the list, as will be shown further on. Such additions have been published, at long intervals, by various parties, and botanists have long desired a complete Flora of the State, and it is the aim of the present work to supply this want.

The number of species here recognized is 2,685, comprising 154 families. This brings up to June, 1899, it is believed, all well established species within our area. In the admission of new species I have pursued a conservative course, and have only admitted those that appear to bear the requisite tests of constancy and persistency in their distinguishing characters. As far as possible the popular, local names have been given, and I have followed the revised nomenclature of Britton and Brown, only in such cases as seemed well founded in botanical priority. It gives me pleasure to submit this work to your consideration, believing it will aid scientists in determining the localities and range of our vegetation to a large extent, and as being, perhaps, the largest local list of plants ever published in the South. I have divided the State into botanical districts, and have indicated the same by the following abbreviations E, C, and W, meaning respectively Eastern, Central and Western. Where a species is found in all the districts the letter A is used. A line running north through Gaston, Alexander and Alleghany counties would divide the Central and Western districts, while one running north through Bladen, Wake and Granville counties would divide the Eastern and Central districts. I have critically examined all the various publications bearing on the subject, and desire to make due acknowledgements to the authors of the same.

Respectfully,

C. W. HYAMS.

THE FLORA OF NORTH CAROLINA.

FROM
RANUNCULACEAE TO SALVINIACEAE,

By C. W. HYAMS, ASSISTANT BOTANIST.

Flowering Plants.

Class I—Exogeneous Plants.

Order 1.

RANUNCULACEAE. (CROWFOOT FAMILY.)

- ATRAGENE** *Americana*, Sims. Purple Virgin's Bower. W.
CLEMATIS *ochroleuca*, Ait. Dwarf Clematis. C. and W.
ovata, Pursh. Mountain Clematis. W.
Viorna, L. Leather Flower. C. and W.
crispa, L. Blue Jessamine. E.
✓ *Virginiana*, L. Virgin's Bower. C. and W.
Addisonii, Britton. Brown's Clematis. C.
reticulata, Walt. Smooth Clematis. E.
Catesbyana, Pursh. Hairy Clematis. E.
ANEMONE *quinquefolia*, L. Wind Flower. W.
Caroliniana, Walt. Carolina Anemone. W.
Virginiana, L. Virginia Anemone. C. and W.
trifolia, L. Mountain Anemone. W.
HEPATIC *triloba*, Chaix. Liverwort. C. and W.
maculiloba, D. C. Acute-lobed Liverwort. C. and W.
THALICTRUM *dioicum*, L. Early Meadow Rue. W.
Cornuti, L. Tall Meadow Rue. A.
clavatum, D. C. Slender Meadow Rue. W.
macrostylum, Shuttlaw. Meadow Rue. W.
nudicaule, Schwein. Meadow Rue. C.
anemonoides, Michx. E. and C.
coriaceum (Britton) Small. Thick Meadow Rue. W.
purpurascens, L. Purple Meadow Rue. W.
ADONIS *amurensis*, L. Pheasant's Eye. A.
TRAUTVETTERIA *palmata*, F. & M. False Bugbane. W.
RANUNCULUS *aquatilis*, L. White Crowfoot. C.
parviflorus, L. Small-flowered Crowfoot. E. and C.
alismaefolius, Geyer. Spear-leaved Crowfoot. C.
pusillus, Poir. Dwarf Crowfoot. E. and C.
muricatus, L. Spiny-fruited Crowfoot. E. and C.

- RANUNCULUS** abortivus, L. Smooth Crowfoot. E. and C.
 micranthus, Nutt. Rock Crowfoot. E. and C.
 recurvatus, Poir. Rough Crowfoot. E. and C.
 sceleratus, L. Biting Crowfoot. E.
 Pennsylvanicus, L. Bristly Crowfoot. C.
 Purshii, Rich. Pursh's Crowfoot. C.
 septentrionalis, Poir. Marsh Crowfoot. E. and C.
 repens, L. Creeping Crowfoot. A.
 repens, L. nitidus. Crowfoot. E.
 fascicularis, Musbl. Tufted Crowfoot. C.
 hispidus, Michx. Hispid Crowfoot. A.
 acris, L. Meadow Crowfoot. C.
 palmatus, Ell. Pallmate Crowfoot. E.
 Alleghaniensis, Britton. Mountain Crowfoot. W.
 bulbosus, L. Bulbous Crowfoot. A.
 parvulus, L. Hairy Crowfoot. E.
 delphinifolius, Torr. Yellow Water Crowfoot. E.
 oblongifolius, Ell. Oblong-leaved Crowfoot. E.
- BATRACHIUM** trichophyllum (Chaix), Boss. Water Crowfoot. E.
- AQUILEGIA** Canadensis, L. Columbine Crowfoot. A.
 vulgaris, L. Purple Crowfoot. C.
 coccinea, Small. Crowfoot. C.
- DELPHINIUM** azureum, Michx. Blue Lockspur. W.
 tricornis, Michx. Dwarf Lockspur. W.
 exaltatum, Ait. Tall Lockspur. W.
 Consolida, L. Garden Lockspur. A.
- HELLEBORUS** viridis, L. Green Hellebore. W.
- ACONITUM** uncinatum, L. Wild Monkshood. W.
 reclinatum, A. Gray. Trailing Monkshood. W.
- ✓ **ZANTHORHIZA** apiifolia, L'Her. Yellow Root. A.
- HYDRASTIS** Canadensis, L. Golden Seal. W.
- CALTHA** palustris, L. Marsh Marigold. C. and W.
- ISOPYRUM** biternatum, T. & G. False Rue Anemone. C.
- ACTAEA** alba (L.), Mill. White Baneberry. W.
 rubra (Ait.) Wild. Red Baneberry. W.
- ✓ **CIMICIFUGA** racemosa, Ell. Rattle Top. C. and W.
 cordifolia, Pursh. Cordate Rattle Top. W.
 Americana, Michx. Mountain Rattle Top. W.
- MYOSURUS** minimus, L. Mouse tail. E.

Order 2.

MAGNOLIACEAE. MAGNOLIA FAMILY.

- ✓ **MAGNOLIA** grandiflora, L. Magnolia. E.
 ✓ glauca, L. Sweet Bay. E.
 ✓ Umbrella, Lam. Umbrella Tree. A. *Tripetala*
 ✓ acuminata, L. Cucumber Tree. W.
 cordata, Michx. Heart-leaved Magnolia. W.

MAGNOLIA *Fraseri*, Walt. Long-leaved Magnolia. W.
macrophylla, Michx. Large-leaved Magnolia. W.

✓LIRIODENDRON *Tuliplifera*, L. Poplar. A.

Order 3.

ANONACEAE. PAPAWE FAMILY.

ASIMINA *triloba*, Dunal. Papaw. C. and W.
parviflora, Dunal. Small Papaw. A.

Order 4.

MENISPERMACEAE. MOONSEED FAMILY.

MENISPERMUM *Canadense*, L. Moonseed. A.
 COCCULUS *Carolinus*, D. C. Red Moonseed. E. and C.
 CALYCOCARPUM *Lyoni*, Nutt. Cup-seed. C.

Order 5.

BERBERIDACEAE. BARBERRY FAMILY.

✓BERBERIS *Canadensis*, Pursh. Barberry. W.
vulgaris, L. European Barberry. C. and W.
 CAULOPHYLLUM *thalictroides*, Michx. Blue Cohosh. W.
 DIPHYLLEIA *cymosa*, Michx. Umbrella Leaf. W.
 ✓PODOPHYLLUM *peltatum*, L. May Apple. A.
 JEFFERSONIA *diphylla*, (L.) Pers. Twin-leaf. W.

Order 6.

NYMPHAEACEAE. WATER LILY FAMILY.

CABOMBA *Caroliniana*, Gray. Water-shield. E.
 BRASENA *peltata*, Pursh. Water-target. E.
 NELUMBium *luteum*, Willd. Water Chinquepin. E.
 NYMPHAEA *advena*, Soland. Yellow Pond Lily. A.
advena, minor, Morong. Small Pond Lily. C.
sagittaeifolia, Walt. Arrow-leaved Pond Lilly. E.
odorata, Ait. White Pond Lilly. E. and C.

Order 7.

SARRACENIACEAE. PITCHER PLANT FAMILY.

✓SARRACENIA *purpurea*, L. Purple Pitcher Plant. E. and C.
 ✓*flava*, L. Trumpet-leaf. E. and C. *var. major*
rubra Walt. Red-flowered Trumpet-leaf. S. W.
 ✓*variolaris*, Michx. Spotted Trumpet-leaf. S. E.

Order 8.

DROSERACEAE. SUNDEW FAMILY.

✓DROSERA *filiformis*, Raf. Three-leaved Sundew. E.

- DROSERA longifolia*, L. Long-leaved Sundew.
rotundifolia, L. Round-leaved Sundew. E. and C.
brevifolia, Pursh. Short-leaved Sundew. E and C.
DIONAEA muscipula, Ell. Fly Trap. E.

Order 9.

PAPAVERACEAE. POPPY FAMILY.

- ARGEMONE Mexicana*, L. Mexican Poppy. E.
SANGUINARIA Canadensis, L. Blood Root. A.
CHELIDONIUM majus, L. Celandine. C.
PAPAVER somniferum, L. Opium Poppy. C. and W.
Rhoeas, L. Corn Poppy. C.
dubium, L. Smooth-fruited Poppy. A.
Argemone, L. Rough-fruited Poppy. E
GLAUCIUM luteum, Scop. Sea Poppy. E.

Order 10.

FUMARIACEAE. FUMITORY FAMILY.

- ADLUMIA cirrhosa*, Raf. Climbing Fumitory. W.
DICENTRA Cucullaria, Torr. Dutchman's Breeches. W.
eximia, Walp. Wild Bleeding heart. W.
Canadensis, Torr. Squirrel Corn. W.
CORYDALIS glauca, Pursh. Pink Corydalis. W.
flavula, Raf. Pale Corydalis. W.
aurea, Willd. Golden Corydalis. E.
micranthum (Engelm), Britton. Small-flowered Corydalis. E.
FUMARIA officinalis, L. Fumitory. E.
parviflora, Lam. Small Fumitory. E.

Order 11.

CRUCIFERAE. MUSTARD FAMILY.

- NASTURTIUM tanacetifolium*, H. & A. Tansy Cress. E.
palustre, D. C. Marsh Cress. E.
lacustre, Gray. Lake Cress. C.
officinale, R. Br. Water Cress. A.
sylvestre, R. Br. Creeping Yellow Cress. E.
hispidum, D. C. Hispid Yellow Cress. E.
Armoracia, Fries. Horseradish. C.
CARDAMINE rhomboidea, D. C. Spring Cress. E.
rotundifolia, D. C. Round-leaved Cress. W.
spathulata, Michx. Spatulate-leaved Cress. W.
hirsuta, L. Bitter Cress. C.
Ludoviciana, Hook. Virginia Bitter Cress. C.
Clematitis, Shuttlw. Mountain Bitter Cress. W.
Pennsylvanica, Muhl. Pennsylvania Bitter Cress. W.

- CARDAMINE arenicola, Britton. Sand Bitter Cress. E.
 parviflora, L. Small flowered Bitter Cress. W.
 flexuosa, With. Wood Bitter Cress. W.
- DENTARIA diphylla, Michx. Pepper Root. W.
 laciniata, Muhl. Cut leaved Pepper Root. C. and W.
 heterophylla, Nutt. Slender Pepper Root. W.
 multifida, Muhl. Ternate-leaved Pepper Root. C.
- ARABIS lyrata, L. Rock Cress. C.
 Canadensis, L. Sickle Pod. C. and W.
 laevigata, D. C. Smooth Rock Cress. C. and W.
 Thaliana, L. Thale Cress. C.
 hirsuta, Scop. Hairy Rock Cress. W.
 Burkii, Porter. Burke's Rock Cress. W.
- BARBAREA vulgaris, R. Br. Yellow Rocket. E. and C.
 praecox, R. Br. Scurry Grass. C.
 stricta, Andrz. Winter Cress. C.
- SISYMBRIUM Thaliana, Gaud. Mouse-ear Cress. E. and C.
 canescens, Nutt. Tansy Mustard E. and C.
 officinale, Scop. Hedge Mustard. E. and C.
 Allaria, Scop. Garlic Mustard. E. and C.
- DRABA Caroliniana, Walt. Caroline Whitlaw Grass. E. and C.
 ramosissima, Deso. Branching Whitlaw Grass. W.
 verna, L. Vernal Whitlaw Grass. E. and C.
 brachycarpa, Nutt. Short-fruited Whitlaw Grass E. and C.
- CAMELINA sativa, Crantz. False Flax. E.
- SENEBIERA Coronopus, Poir. Wart Cress. E.
 didyma. Lesser Wart Cress. A.
- LEPIDIUM Virginicum, L. Wild Peppergrass. A.
 campestre, R. Br. Field Peppergrass. C.
 Ruderale, L. Roadside Peppergrass. E.
- CAPSELLA Bursa-pastoris, Moench. Shepherd's Purse. A.
- CAKILE maritima, Scop. Sea Kale. E.
- ALYSSUM maritimum, L. Sweet Alyssum. C.
- SINAPIS nigra, L. Black Mustard. A.
 alba, L. White Mustard. A.
 arvensis, L. Charlock. A.
 juncea, L. Indian Mustard. C.
- BRASSICA campestris, L. Turnip. A.
 Napus, L. Rape. C.
- RAPHANUS sativus. L. Radish. A.
- HESPERIS matronalis, L. Dame's Rocket. C.

Order 12.

CAPPARIDACEAE. CAPER FAMILY.

- GYNANDROPSIS pentaphylla, D. C. E
 POLANISIA graveolens. Raf. Clammy-weed. W.
 CLEOME spinosa, L. Spider-flower. C. and W.

Order 13.

VIOLACEAE. VIOLET FAMILY.

- VIOLA* *palmata*, L. Early Blue Violet. A.
cucullata, Ait. Hooded Blue Violet. A.
villosa, Walt. Wood Blue Violet. E. and C.
sororia, Willd. Woolly Blue Violet. C.
sagittata, Ait. Arrow-leaved Violet. C.
ovata, Nutt. Ovate Arrow-leaved Violet. C.
pedata, L. Bird's-foot Violet. A.
rotundifolia, Michx. Round-leaved Violet. W.
blanda, Willd. Sweet White Violet. E. and C.
blanda amoena, LeConte. LeConte's Violet. C.
primulaefolia, L. Primrose-leaved Violet. E. and C.
lanceolata, L. Lance-leaved Violet. E. and C.
hastata, Michx. Halberd-leaved Violet. W.
pubescens, Ait. Hairy Yellow Violet. C. and W.
scabriuscula (T. & G.), Schwein. Smooth Yellow Violet. W.
Canadensis, L. Canada Violet. W.
striata, Ait. Striped or Pale Violet. C.
Labradorica, Schrank. American Dog Violet. C. and W.
rostrata, Pursh. Long-spurred Violet. W.
tricolor, L. Pansy. A.
tenella, Muhl. Field Pansy. C. and W.
glaberrima, Ging. Gingin's Violet. C.
tripartita, Ell. Elliott's Violet. C.
canina, L. Pale Dog Violet. C.
canina multicaulis, T. & G. Dog Violet. C.
SOLEA *concolor*, Ging. Green Violet. A.

Order 14.

CISTACEAE. ROCK ROSE FAMILY.

- HELIANTHEMUM* *majus*, B. S. P. Hoary Frostweed. A.
Canadense, Michx. Long-branched Frostweed. E.
 and C.
corymbosum, Michx. Pine-barren Frostweed. E.
 and C.
Carolinium, Michx. Carolina Frostweed. E. and C.
HUDSONIA *montana*, Nutt. Mountain Heather. W.
ericoides, L. Bushy Heather. E.
tomentosa, Nutt. Beach Heather. E.
LECHEA *minor*, L. Thyme-leaved Pin-weed. E. and C.
racemulosa, Michx. Oblong-fruited Pin-weed. W.
major, Michx. Hairy Pin-weed. E. and C.
thymifolia, Pursh. Beach Pinweed. E.
tenuifolia, Michx. Narrow-leaved Pin-weed. E. and C.
Leggettii, Britt and Hall. Leggett's Pin-weed. E.

Order 15.

PORTULACACEAE. PARSLANE FAMILY.

- PORTULACA oleracea, L. Parslane. A.
 grandiflora, Hook. Garden Parslane. C. and W.
 pilosa, L. Hairy Parslane. E
- TALINUM teretifolium, Pursh. Fame Flower. C. and W.
- CLAYTONIA Virginica, L. Spring Beauty. E. and C.
 Caroliniana, Michx. Carolina Spring Beauty. W.
- SESUVIUM pentandrum, Ell. See Parslane. E.
 portulacastrum, L. See Parslane. E.

Order 16.

CARYOPHYLLACEAE. PINK FAMILY.

- PARONYCHIA dichotoma, Nutt. Forking Whitlow-wort. W.
 argyrocoma, Nutt. Silver Whitlow-wort. W.
 herniarioides, Nutt. Hairy Whitlow-wort. E.
- ANYCHIA dichotoma, Michx. Forked Chickweed. A.
 capillacea, D. C. Slender Forked Chickweed. W.
- AGROSTEMMA Githago, L. Corn Cockle. A.
- STIPULICIDA setacea, Michx. E.
- SILENE stellata, Ait. Starry Champion. C. and W.
 ovata, Pursh. Ovate Starry Champion. C. and W.
 ✓Virginica, L. Fire Pink. A.
 rotundifolia, Nutt. Round-leaved Catchfly. C.
 Caroliniana, Walt. Carolina Pink. E and C.
 antirrhina, L. Sleepy Pink. A.
 Armeria, L. Sweet William Pink. E. and C.
 noctiflora, L. Night-blooming Catchfly. A.
- LYCHNIS alba, Mill. White Champion. C.
- ✓SAPONARIA officinalis, L. Soapwort. A.
 Vaccaria, L. Cow-herb. C.
- DIANTHUS Armeria, L. Deptford Pink. C.
 barbatus, L. Bunch Pink. C.
- ALSINE media, L. Common Chickweed. A.
 squarrosa, Feuzl. Barren Sandwort. E.
 glabra, Gray. Glabrous Sandwort. W.
 Groenlandica, Spreng. Mountain Sandwort. W.
 Michauxii, Fenzl. Narrow-leaved Sandwort, C. and W.
- ARENNARIA diffusa, Ell. Hairy Sandwort. E.
 serphyllifolia, L. Thyme-leaved Sandwort. E. and C.
 rubra, L. Sand Spurry. E.
- SPERGULA arvensis, L. Pine Cheat. C. and W.
- MOLLUGO verticillata, L. Indian Chickweed. C. and W.
- SAGINA procumbens, L. Procumbent Pearlwort. C. and W.
 decumbens, T. & G. Decumbent Pearlwort. C. and W.
 Elliottii, Fenzl. Elliott's Pearlwort. E. and C.

- STELLARIA pubera, Michx. Star Chickweed. C. and W.
 uniflora, Walt. Marsh Chickweed. E.
- ✓ CERASTIUM viscosum, L. Mouse-ear Chickweed. A.
 semidecandrum, L. Small Mouse ear Chickweed. C.
- ✓ vulgatum, L. Large Mouse ear Chickweed. A.
 nutans, Raf. Nodding Chickweed. A.
 arvense, L. Field Chickweed. A.
- TISSA maritima (L.), Britton. Salt-marsh Spurry. E
- SCLERANTHUS annuus, L. German Knotgrass. E.

Order 17.

MALVACEAE. MALLOW FAMILY.

- MALVA rotundifolia, L. Dwarf Mallow. A.
 sylvestris, L. High Mallow. C. and W.
 moschata, L. Musk Mallow. C. and W.
- ✓ CALLIRRHÖE triangulata, (Leav.) Gray. Poppy Mallow. W.
- NAPAEA dioica, L. Glade Mallow. C.
- SIDA spinosa, L. Prickly Sida. A.
 rhombifolia, L. Sida. W.
 Elliotti, T. & G. Elliott's Sida. C. and W.
- ABUTILON Avicennae, Gaert. Indian Mallow. C. and W.
- MODIOLA multifida, Moench. Bristly-fruited Mallow. E.
- KOSTELETZKYA Virginica, Presl. E.
- ✓ HIBISCUS Moscheutos, L. Swamp Mallow. A.
 militaris, Cav. Halberd-leaved Mallow. E.
 aculeatus, Walt. E.
 Trionum, L. Venice Mallow. A.

Order 18.

TILIACEAE. LINDEN FAMILY.

- ✓ TILIA Americana, L. American Linden. W.
 pubescens, Ait. Hairy Linden. W.
 heterophylla, Vent. Mountain Linden. W.

Order 19.

HYPERICACEAE. ST. JOHN'S WORT FAMILY.

- ASCYRUM stans, Michx. St. Peter's wort. A.
 hypericoides, L. St. Andrew's wort. A.
- ✓ HYPERICUM Kalmianum, L. Kalm's St. John's-wort. W.
 prolificum, L. Shrubby Kalm's St. John's-wort. W.
 densiflorum, Pursh. Bushy Kalm's St. John's-wort. W.
- ✓ galioides, Lam. Bed straw St. John's-wort. W.
 adpressum, Bart. Creeping St. John's-wort. C. and W.
 virgatum, Lam. Virgate St. John's-wort. C. and W.
 perforatum, L. Common St. John's-wort. A.

- HYPERICUM maculatum**, Walt. Spotted St. John's-wort. C. and W.
graveolens, Buckley. Mountain St. John's-wort. W.
multilum, L. Dwarf St. John's-wort. C. and W.
gymnanthum, Engelm. Claspingleaved St. John's-wort. C.
Canadense, L. Canadian St. John's-wort. W.
Drummondii, T. & G. Drummond's St. John's-wort. W.
Sarothra, Michx. Orange-grass. A.
Virginicum, L. Marsh St. John's-wort. C. and W.
pedunculatum, Walt. Larger Marsh St. John's-wort. E. and C.
aureum, Bart. Mucronate St. John's-wort. W.
fasciculatum, Lam. Fascicled St. John's-wort. E.
aspalathoides, Willd. Branching St. John's-wort. E.
ambiguum, Ell. Linear-leaved St. John's-wort. W.
corymbosum, Muhl. Mountain St. John's-wort. W.
Nudiflorum, Michx. Four-angled St. John's-wort. E. and C.
Buckleyi, Curtis. Buckley's St. John's-wort. W.
pilosum, Walt. Downy St. John's-wort. E. and C.
acutifolium, Ell. Larger Virgate St. John's-wort. C.
glomeratum, W.
- ELODES campanulata**, Pursh. E.
pedunculata, Pursh. E.

Order 20.

CAMELLIACEAE. CAMELLIA FAMILY.

- ✓ **GORDONIA Lasianthus**, L. Loblolly-Bay. E.
STUARTIA Virginica, Cav. E. and C.
pentagyna, L'Her. W.

Order 21.

MELIACEAE. MAHOGANY FAMILY.

- ✓ **MELIA Azederach**, L. China Tree. A.

Order 22.

LINACEAE. FLAX FAMILY.

- LINUM usitatissimum**, L. Flax. C. and W.
Virginianum, L. Virginia Flax. A.
striatum, Walt. Swamp Flax. C.
sulcatum Ridd. Sulcate Flax. C. and W.
medium (Plauch.) Britton. Stiff Yellow Flax. E.

Order 23.

OXALIDACEAE. WOOD-SORREL FAMILY.

- OXALIS Acetosella**, L. White Wood-sorrel. W.

- OXALIS violacea*, L. Violet Wood-sorrel. C. and W.
corniculata, L. Procumbent Wood-sorrel. E. and C.
filipes, Small. Slender Yellow Wood-sorrel. C.
stricta, L. Upright Yellow Wood-sorrel. A.
recurva, Ell. Large-flowered Yellow Wood-sorrel, C.
cymosa, Small. Tall Yellow Wood-sorrel. C.
grandis, Small. Great Yellow Wood-sorrel. W.

Order 24.

GERANIACEAE. GERANIUM FAMILY.

- GERANIUM maculatum*, L. Crane's-bill Alum-root. C. and W.
Carolinianum, L. Carolina Crane-bill. A.
dissectum, L. W.
Robertianum, L. Herb Robert. C.
Columbinum, L. Long-stalked Crane's-bill.
Molle, L. Crane's-bill. W.

- ERODIUM cicutarium*, L. Stork's-bill. E. and C.

Order 25.

BALSAMINACEAE BALSAM FAMILY.

- IMPATIENS pallida*, Nutt. Pale Touch-me-not. W.
fulva, Nutt. Spotted Touch-me-not. A.

Order 26.

RUTACEAE. RUE FAMILY.

- ✓ *XANTHOXYLUM Americanum*, Mill. Prickly Ash. W.
Clava-Herculis, L. Southern Prickly Ash. E.
Clava-Herculis Fruticosum, Gray. Shrubby Prickly
 Ash. E.
 ✓ *PTELIA trifoliata*, L. Wafer-ash. A.

Order 27.

SIMARUBACEAE. AILANTHUS FAMILY.

- ✓ *AILANTHUS glandulosa*, Desf. Tree-of-Haven. A.

Order 28.

ANACARDIACEAE. SUMAC FAMILY.

- ✓ *RHUS copallina*, L. Upland Sumac. A.
 ✓ *typhina*, L. Staghorn Sumac. C. and W.
 ✓ *glabra*, L. Scarlet Sumac. C. and W.
aromatica, Ait. Fragrant Sumac. W.
aromatica mollis, Gray. Fragrant Sumac. C.
Vernix, L. Poison Sumac. A.
radicans, L. Poison Ivy. A.
Toxicodendron, L. Poison Oak. A.
pumila, Michx. Hairy Sumac. E. and C.
 ✓ *Cotuinoides*, Nutt. Smoke-tree. C.

Order 29.

VITACEAE. VINE FAMILY.

- ✓ *VITIS* *Labrusca*, L. Fox Grape. A.
- ✓ *aestivalis*, Michx. Summer Grape. A.
- ✓ *cordifolia*, Michx. Frost Grape. A.
- ✓ *rotundifolia*, Michx. Muscadine Grape. A.
- ✓ *bicolor*, LeConte. Winter Grape. A.
- Baileyana*, Munson. Bailey's Grape. W.
- ✓ *CISSUS* *Ampelopsis*, Pers. Simple *Ampelopsis*. E.
- stans*, Pers. Pepper-vine. E.
- ✓ *AMPELOPSIS* *quinquefolia*, Michx. Virginia Creeper. A.

Order 30.

RHAMNACEAE. BUCKTHORN FAMILY.

- BERCHERIA* *volubilis*, D. C. Supple Jack. E. and C.
- RHAMNUS* *minutiflorus*, Michx. Vine-like Buckthorn. E.
- ✓ *Carolinianus*, Walt. Carolina Buckthorn. A.
- lanceolata*, Pursh. Lance-leaved Buckthorn. C.
- ✓ *CEANOTHUS* *Americanus*, L. Red-root. A.

Order 31.

CELASTRACEAE. STAFF-TREE FAMILY.

- ✓ *EUONYMUS* *Americanus*, L. Strawberry Bush. A.
- atropurpureus*, Jacq. Purple Strawberry Bush. C.
- Europaeus*, L. Spindle Tree. C.
- ✓ *CELASTRUS* *scandens*, L. Bittersweet. W.
- ✓ *PACHYSTIMA* *Canbyi*, Gray. Canby's Mountain Lover. W.

Order 32.

ILICACEAE. HOLLY FAMILY.

- ✓ *ILEX* *opaca*, Ait. American Holly. A.
- Cassine*, L. Dahoon Holly. E.
- ✓ *vomitaria*, Ait. Yaupon Holly. E.
- ✓ *glabra*, L. Inkberry Holly. E. and C.
- decidua*, Walt. Meadow Holly. E. and C.
- monticola*, Gray. Large-leaved Holly. W.
- mollis*, Gray. Broad-leaved Holly. W.
- laevigata*, Gray. Smooth Winterberay. E.
- myrtifolia*, Walt. Myrtle-leaved Holly. E.
- ambigua*, Chapm. Serrate-leaved Holly. E.
- longipes*, Chapm. Smooth-leaved Holly. E.
- Amelanchier*, Curtis. Amelanchier Holly. E.
- ✓ *verticillata*, Gray. Black Alder. A.
- Beadlei*, Ashe. Beadle's Holly. C. and W.
- lucida* (Ait), T. & G. Inkberry. E.

Order 33.

CYRILLACEAE. CYRILLA FAMILY.

CYRILLA racemiflora, Walt. Leatherwood. E.

Order 34.

STAPHYLEACEAE. BLADDER-NUT FAMILY.

✓ STAPHYLEA trifolia, L. Bladder-nut. A.

Order 35.

SAPINDACEAE. SOAP BERRY FAMILY.

- CARDIOSPERNUM Halicacabum, L. Balloon Vine. C.
 ✓ Æsculus glabra, Willd. Fetid Buckeye. W.
 octandra, Marsh. Sweet Buckeye. W.
 ✓ Pavia, L. Red Buckeye. C. and W.
 ✓ ACER saccharinum, L. Silver Maple. W.
 ✓ rubrum, L. Red Maple. A.
 ✓ Saccharum, Marsh. Sugar Maple. W.
 Saccharum Floridanum, Small. Sugar Maple. C.
 Pennsylvanicum, L. Goosefoot Maple. W.
 spicatum, Lam. Mountain Maple. W.
 ✓ Negundo, L. Ash-leaved Maple. A.

Order 36.

POLYGALACEAE. MILKWORT FAMILY.

- POLYGALA cymosa, Walt. Tall Pine barren Milkwort.
 ramosa, Ell. Low Pine-barren Milkwort.
 lutea, L. Orange Milkwort.
 cruciata, L. Marsh Milkwort.
 brevifolia, Nutt. Short-leaved Milkwort.
 verticillata, L. Whorled Milkwort.
 ambigua, Nutt. Loose spiked Milkwort.
 incarnata, L. Pink Milkwort.
 sanguinea, L. Purple Milkwort.
 Curtissii, Gray. Curtiss' Milkwort.
 Mariana, Mill. Maryland Milkwort.
 Nuttallii, T. & G. Nuttall's Milkwort.
 Senega, L. Seneka Snakeroot.
 polygama, Walt. Racemed Milkwort.
 paucifolia, Willd. Fringed Milkwort.

Order 37.

LEGUMINOSAE. PULSE FAMILY.

- CROTALLARIA sagittalis, L. Rattle-box. E. and C.
 ovalis, Pursh. Prostrate Rattle-box. C. and W.
 LUPINUS perennis, L. Wild Lupine. E. and C.
 perennis gracilis, Nutt. Slender Lupine. E. and C.

- LUPINUS villosus, Willd. Hoary Lupine. E. and C.
diffusus, Nutt. Prostrate Lupine. E. and C.
- MEDICAGO lupulina, L. Black Medic. E. and C.
denticulata, Willd. Toothed Medic. E. and C.
sativa, L. Purple Medic. E. and C.
- ✓CYTISSUS scoparius, L. Scotch Broom. C. and W.
- MELILOTUS alba, Desv. White Melilot. A.
officinalis, Lam. Yellow Melilot. A.
parviflora, D sf. Annual Melilot. A.
Indica, Ail. Indian Melilot. E.
- ✓TRIFOLIUM agrarium, L. Yellow Hop Clover. A.
procumbens, L. Smaller Hop Clover. A.
dubium, Sibth. Least Hop Clover. A.
✓incarnatum, L. Crimson Clover. A.
✓arvense, L. Rabbit-foot Clover. A.
pratense, L. Red Clover. A.
reflexum, L. Buffaloe Clover. A.
hybridum, L. Alsatian Clover. A.
Carolinianum, Michx. Carolina Clover. A.
✓repens, L. White Clover. A.
- HOSACKIA Purshiana, Beuth. Trefoil. C.
- LOTUS Helleri, Britton. Heller's Lotus. C.
- PSORALEA melilatoides, Michx. Psoralea. C.
Onobrychis, Nutt. Psoralea. C.
Canescens, Michx. Psoralea. E.
Lupinellus, Michx. Psoralea. E.
- PETALOSTEMON corymbosus, Michx. E.
corymbosus trifoliatus, Chapm. E.
- ✓AMORPHA fruticosa, L. False Indigo. A.
herbacea, Walt. Lead Plant. E.
glabra, Desf. Lead Plant. W.
virgata, Small. Lead Plant. W.
- ✓ROBINIA Pseudacacia, L. Locust. A.
viscosa, Vent. Clammy Locust. W.
hispida, L. Moss Locust. C. and W.
hispida rosea, Pursh. Rose Locust. C. and W.
- ✓WISTARIA frutescens, D C. American Wisteria. E. and C.
- TEPROSIA Virginica, Pers. Goat's Rue. A.
spicata, T. & G. Hirsute Goat's Rue. C. and W.
hispidula, Pursh. Aispid Goat's Rue. E. and C.
ambigua, Curtis. Hoary Goat's Rue. E. and C.
- INDIGOFERA Caroliniana, Walt. Carolina Indigo. E.
✓tinctoria, L. Indigo. E.
Anil, L. Indigo. E.
- SESBANIA vesicaria, Ell. Sesban. E.
macrocarpa, Muhl. Sesban. E.
punicea, Beuth. Sesban. E.
- ASTRALAGUS Canadensis, L. Milk Vetch. W.

- ASTRALAGUS glaber*, Michx. Vetch. E.
VICIA sativa, L. Common Vetch. A.
 hirsuta, Koch. Hairy Vetch. E.
 Cracca, L. Cow Vetch. E. and C.
 Americana, Muhl. American Vetch. E. and C.
 Caroliniana, Walt. Carolina Vetch. A.
 tetrasperma, Moluch. Slender Vetch. E. and C.
 angustifolia, Roth. Smaller Common Vetch. E. and C.
LATHYRUS venosus, Muhl. Veiny Pea. C.
 myrtifolius, Muhl. Myrtle-leaved Pea. W.
AESCHYNOMENE hispida, Willd. Jointed Vetch. C.
ZORNIA tetraphylla, Michx. Zornia. E.
STYLOSANTHES elatior, Swartz. Pencil Flower. A.
 riparia, Kearney. Pencil Flower. W.
✓ *LESPEDEZA repens*, Bart. Creeping Bush-clover. A.
 violacea, Pers. Violet Bush-clover. A.
 reticulata, Pers. Bush-clover. A.
 Sturei, Nutt. Sture's Bush-clover. E. and C.
 striata, Hook & Arn. Japan Bush-clover. A.
 hirta, Ell. Hairy Bush-clover. E. and C.
 hirta oblongifolia, Britton. Bush-clover. E. and C.
 capitata, Michx. Round-headed Bush-clover. C. and W.
 capitata sericea, Hook & Arn. Bush-clover. E.
 procumbens, Michx. Trailing Bush-clover. E. and C.
 Nuttallii, Darl. Nuttall's Bush-clover. E.
 frutescens (L.), Britton. Wand-like Bush-clover. E.
 and C.
 Virginica (L.), Britton. Slender Bush-clover. E. and C.
 angustifolia (Pursh.), Ell. Narrow leaved Bush-clover.
 E. and C.
DESMODIUM nudiflorum, D. C. Naked Beggar's-tick. A.
 acuminatum, D. C. Pointed leaved Beggar's tick. A.
 pauciflorum, D. C. Few flowered Beggar's tick. A.
 lineatum, D. C. Sand Beggar's-tick. C.
 rotundifolium, D. C. Prostrate Beggar's-tick. A.
 ochroleucum, Cur is. Cream flowered Beggar's-tick. C.
 humifusum, Beck. Trailing Beggar's-tick. E. and C.
 strictum, D. C. Stiff Beggar's tick. E.
 sessilifolium, T & G. Sessile-leaved Beggar's-tick. E.
 canescens, D. C. Hairy Beggar's-tick. A.
 bracteosum, D. C. Bracted Beggar's-tick. C.
 paniculatum, D. C. Panicle Beggar's tick. E.
 paniculatum Chapmani, Britton. Chapman's Beggar's-tick. E.
 paniculatum pubes, Vail. Pubescent Beggar's-tick. E.
 laevigatum, D. C. Smooth Beggar's tick. A.
 rhombofolium, D. C. Rhomb leaved Beggar's-tick. E.
 viridiflorum, Beck. Violet leaved Beggar's-tick. C.

- DESMODIUM** *Dillenii*, Darl. Dillen's Beggar's-tick. A.
Canadense, D. C. Canadian Beggar's-tick. A.
rigidum, D. C. Rigid Beggar's tick. A.
Marylandicum, Boott. Smooth Beggar's-tick. E.
ciliare, D. C. Hairy Beggar's tick. E. & C.
tortuosum, D. C. A.
cuspidatum, T. & G. A.
glabellum, D. C. E.
tenuifolium, T. & G. E.
- RHYNCHOSIA** *tomentosa*, H. & A. Twining Rhynchosia. A.
erecta, D. C. Erect Rhynchosia. A.
simplicifolia, Wood. Round-leaved Rhynchosia. E.
 and C.
- PHASEOLUS** *perennis*, Walt. Wild Bean. A.
helvolus, L. Trailing Wild Bean. A.
umbellatus, Britton. Pink Wild Bean. E.
- APIOS** *tuberosa*, Moluch. Ground Nut. A.
- VIGNA** *luteola*, Benth. E.
- ERYTHRINA** *herbacea*, L. E.
- CLITORIA** *Mariana*, L. Partridge Pea. A.
- CENTROSEMA** *Virginiana*, Benth. Virginia Partridge Pea. C. and W.
- AMPHICORPÆA** *monoica*, Nutt. Hog Pea. E. and C.
- GALACTIA** *glabella*, Michx. Milk Pea. E. and C.
pilosa, Ell. Downy Milk Pea. E. and C.
mollis, Michx. Hoary Milk Pea. E.
sessiliflora, T. & G. Sessile-flowered Milk Pea. E.
- BAPTISIA** *lanceolata*. Wild Indigo. E.
villosa, Ell. Villous Wild Indigo. E.
tinctoria, R. Br. Yellow Wild Indigo. A.
alba, R. Br. White Wild Indigo. W.
leucantha, T. & G. Large Wild Indigo. E. and C.
- THERMOPSIS** *Caroliniana*, Curtis. Mountain Thermopsis. W.
fraxinifolia, Curtis. Smaller Mountain Thermopsis. W.
mollis, Curtis. Hairy Thermopsis. C.
- CLADRASTIS** *tinctoria*, Raf. Yellow wood. W.
- CERCIS** *Canadensis*, L. Judas Tree. C. and W.
- CASSIA** *nititans*, L. Sensitive Pea. A.
Chamaecrista, L. Large flowered Sensitive Pea. A.
obtusifolia, L. Low-flowered Sensitive Pea. C.
Marylandica, L. Wild Senna. C. and W.
occidentalis, L. Coffee Senna. W.
aspera, Ell. Hirsute Sensitive Pea. A.
- GLEDITSCHIA** *triacanthos*, L. Honey Locust. C. and W.
monosperma, Walt. Swamp Locust.
- MIMOSA** *pubescens*, C. *Abuzzia julibissin*.
- SCHRANKIA** *uncinata*, Willd. Sensitive Brier.
angustata, T. & G. Narrow-leaved Sensitive Brier. W.

Order 38.

ROSACEAE. ROSE FAMILY.

✓ *CHRYSOBALANUS oblongifolius*, Michx. E.

✓ *PRUNUS Americana*, Marsh. Wild Red Plum. A.

Chicasa, Michx. Hog Plum. A.

Pennsylvanica, L. Wild Red Cherry. W.

✓ *serotina*, Ehrhart. Wild Black Cherry. W.

✓ *Virginiana*, L. Choke Bberry. A.

Caroliniana, Ait. Mock Orange. W.

cuneata, Raf. Appalachian Cherry. W.

✓ *Avium*, L. Sweet Cherry. W.

✓ *AMYGDALUS Persica*, L. Peach. A.

✓ *SPIRAEA opulifolia*, L. Ninebark. C. and W.

opulifolia ferruginea, Nutt. Pubescent Ninebark. C. and W.

corymbosa, Raf. Corymbed Spiraea. W.

tomentosa, L. Hardback. A.

salicifolia, L. Willow leaved Spiraea. A.

lobata, Murr. Lobed Spiraea. W.

✓ *Aruucus*, L. Goat's-beard Spiraea. C. and W.

Virginiana, Britton. Virginia Spiraea. W.

GILLENIA trifoliata, Moluch. Indian Physic. C. and W.

stipulacea, Nutt. American Ipecac. C. and W.

AGRIMONIA hirsuta, Bick. Tall hairy Agrimony. C. and W.

striata, Michx. Woodland Agrimony. A.

pumila, Muhl. Small-fruited Agrimony. E. and C.

mollis, T. & G. Soft Agrimony. W.

parviflora, Soland. Many flowered Agrimony. C. and W.

Eupatoria, L. European Agrimony. C. and W.

SANGUISORBA Canadensis, L. American Burnet. W.

ALCHEMILLA arvensis, L. Firegrass. A.

GEUM Virginianum, L. Virginia Avens. C.

album, Gmelin. White Avens. C and W.

flavum, Porter. Cream Avens. W.

geniculatum, Mich. Hairy Avens. W.

vernum, T. & G. Spring Avens. W.

radiatum, Michx. Roan Mountain Aolus. W.

✓ *WALDSTEINIA fragarioides*, Tratt. Barren Strawberry. W.

parviflora, Small. Southern Dry Strawberry. W.

POTENTILLA Norvegica, L. Rough Cinquefoil. A.

Canadensis, L. Field Cinquefoil. A.

Canadensis pumila, T. & G. Cinquefoil. A.

tridentata, Soland. Three toothed Cinquefoil. W.

recta, L. Rough-fruited Cinquefoil. W.

✓ *FRAGARIA Virginiana*, Duch. Virginia Strawberry. A.

vesca, L. European Strawberry. A.

Indica, Andr. Indian Strawberry. A.

✓ *RUBUS odoratus*, L. Rose-flowering Raspberry. W.

- ✓ *RUBUS strigosus*, Michx. Wild Red Raspberry. W.
- ✓ *occidentalis*, L. Black Raspberry. W.
- ✓ *villosus*, Ait. High Bush Blackberry. A.
- ✓ *frondosus*, Bigel. Bracted Blackberry. A.
- ✓ *Millspaughii*, Britton. Millspaugh's Blackberry. W.
- ✓ *parviflorus*, Walt. Sand Blackberry. E. and C.
- ✓ *hispidus*, L. Swamp Blackberry. W.
- ✓ *trivialis* Michx. Low-bush Blackberry. A.
- ✓ *Baileyanus*, Britton. Bailey's Blackberry. C.
- ✓ *Canadensis*, L. Dewberry. A.
- ✓ *ROSA setigera*, Michx. Climbing Rose. C.
- ✓ *Carolina*, L. Swamp Rose. A.
- ✓ *rubiginosa*, L. Sweetbrier Rose. C.
- ✓ *humilis*, Marsh. Pasture Rose. A.
- ✓ *laevigata*, Michx. Cherokee Rose. A.
- ✓ *CRATAEGUS Crus-Galli*, L. Cockspur Thorn. A.
- ✓ *spathulata*, Michx. Small-fruited Haw. E. and C.
- ✓ *punctata*, Jacq. Large-fruited Haw. W.
- ✓ *cordata*, Ait. Washington Haw. C. and W.
- ✓ *rotundifolia*, Borek. Haw. W.
- ✓ *Oxyantha*, L. May Thorn. C.
- ✓ *elliptica*, Ait. May Thorn. W.
- ✓ *apiifolia*, Michx. Parsley Haw. E. and C.
- ✓ *coccinea*, L. Red Haw. A.
- ✓ *glandulosa*, Willd. Glandular Haw. C. and W.
- ✓ *macracantha*, Lodd. Long spine Haw. C.
- ✓ *mollis*, Scheele. Red-fruited Haw. C.
- ✓ *tomentosa*, L. Pear Haw. C.
- ✓ *tomentosa Chapmanii*, Beadle. Chapman's Haw. W.
- ✓ *flava*, Ait. Yellow Haw. A.
- ✓ *uniflora*, Muluch Dwarf Haw. E. and C.
- ✓ *Vailiae*, Britton. Vail's Haw. C.
- ✓ *collina*, Chapm. Haw. W.
- ✓ *PYRUS Americana*, D. C. Mountain Ash. W.
- ✓ *angustifolia*, Ait. Narrow-leaved Crab Apple. C.
- ✓ *coronaria*, L. American Crab Apple. C. and W.
- ✓ *Malus*, L. Common Apple. C.
- ✓ *arbutifolia*, L f. Red Choke-berry. C.
- ✓ *arbutifolia nigra*, Willd. Black Choke-berry. C. and W.
- ✓ *arbutifolia erythrocarpa*, Chap. Choke-berry. C. and W.
- ✓ *AMELANCHIER Canadensis*, Medic. June berry. A.
- ✓ *Botryapium*, D. C. Shad-bush. A.
- ✓ *rotundifolia*, Roem. Round-leaved Shad-bush. A.

Order 39.

CALYCANTHACEAE. ALL SPICE FAMILY.

- ✓ *CALYCANTHUS floridus*, L. Sweet Shrub. A.
- ✓ *laevigatus*, Willd. Pubescent Sweet Shrub. C. and W.
- ✓ *glaucus*, Willd. Smooth Sweet Shrub. C. and W.

Order 40.

SAXIFRAGACEAE. SAXIFRAGE FAMILY.

- ASTILBE decandra, Don. Goat's Beard. C. and W.
 SAXIFRAGA Pennsylvanica, L. Pennsylvania Saxifrage. C.
 micranthifolia, B. S. P. Lettuce Saxifrage. W.
 Virginiana, Michx. Early Saxifrage. C. and W.
 Grayana, Britton. Gray's Saxifrage. W.
 Michauxii, Britton. Michaux's Saxifrage. W.
 Careyana, Gray. Carey's Saxifrage. W.
 HEUCHERA Americana, L. American Heuchera. C. and W.
 villosa, Michx. Hairy Heuchera. C. and W.
 Curtissii, Gray. Curtis' Heuchera. W.
 Rugellii, Nutt. Rugel's Heuchera. W.
 pubescens, Pursh. Downy Heuchera. W.
 hispidula, Pursh. Rough Heuchera. W.
 BOYKINIA aconitifolia, Nutt. Aconite Saxifrage. W.
 TIARELLA cordifolia, L. False Nitre-wort. W.
 MITELLA diphylla, L. True Nitre-wort. W.
 CHRYSOSPLENIUM Americanum, Schw. Golden Saxifrage. W.
 ✓ ITEA Virginica, L. Virginia Willow. A.
 ✓ HYDRANGEA arborescens, L. Wild Hydrangea. C. and W.
 radiata, Walt. Downy Hydrangea. W.
 DECUMARIA barbara, L. Decumaria. E. and C.
 ✓ PHILADELPHUS grandiflorus, Willd. Large-flowered Syringa. W.
 hirsutus, Nutt. Hairy Syringa. W.
 inodorus, L. Scentless Syringa. C. and W.
 coronarius, L. Gordon Syringa. C.
 ✓ RIBES Cynosbati, L. Wild Gooseberry. W.
 rotundifolium, Michx. Eastern Wild Gooseberry. W.
 prostratum, L'Her. Fetid Gooseberry. W.
 resinosum, Pursh. Resinous Gooseberry. W.
 Uva-crispa, L. Garden Gooseberry. C.
 floridum, L'Her. Wild Black Currant. C.
 ✓ rubrum, L. Red Currant. C.

Order 41.

PARNASSIACEAE. PARNASSIA FAMILY.

- PARNASSIA Caroliniana, Michx. Grass-of-Parnassus. A.
 asarifolia, Vent. Mountain Grass-of-Parnassus. W.
 grandiflora, D. C. Large-leaved Grass-of-Parnassus. W.

Order 42.

CRASSULACEAE. ORPINE FAMILY.

- SEDUM roseum, Scop. Rosewort. W.
 telephioides, Michx. American Orpine. W.
 pulchellum, Michx. Widow's Cross. W.
 ternatum, Michx. Wild Stonecrop. W.

SEDUM Nevii, Gray. Nevius' Stonecrop. W.

Rhodiola, D. C. Canby's Stonecrop. W.

PENTHORUM sedioides, L. Virginia Stonecrop. A.

✓ BRYOPHYLLUM calycinum, Salisb. Bryophyllum. C.

DIAMORPHIA pusilla, Nutt. Diamorpha. C. and W.

Order 43.

HAMAMELACEAE. WITCH HAZEL FAMILY.

✓ HAMAMELIS Virginica, L. Witch Hazel. A.

FOTHERGILLA alnifolia, L. Dwarf Alder. E. and C.
monticola, Ashe. Dwarf Alder. W.

✓ LIQUIDAMBAR Styraciflua, L. Sweet Gum. A.

Order 44.

MELASTOMACEAE. DEER GRASS FAMILY.

RHEXIA Mariana, L. Maryland Meadow-Beauty. A.

Virginica, L. Virginia Meadow-Beauty. A.

glabella, Michx. Purple Meadow-Beauty. E.

ciliosa, Michx. Ciliate Meadow-Beauty. E. and C.

lutea, Walt. Yellow Meadow-Beauty. E.

Order 45.

LYTHRACEAE. LOOSESTRIFE FAMILY.

DIDIPLIS linearis, Raf. Water Purslane. E.

AMMAINA humilis, Michx. Ammania. E.

Koehnei, Britton. Koehne's Ammania. E.

latifolia, L. Ammania. E.

LYTHRUM alatum, Pursh. Angled Loosestrife. A.

lineare, L. Linea Loosestrife. E.

NESAEA verticillata, H. B. K. Swamp Loosestrife. E. and C.

CUPHEA viscosissima, Jacq. Wax-weed. C. and W.

Order 46.

HALORAGACEAE. WATER-MILFOIL FAMILY.

PROSERPINACA palustris, L. Mermaid-weed. E.

pectinacea, Lam. Cut-leaved Mermaid-weed. E.

✓ MYRIOPHYLLUM verticillatum, L. Whorled Water-Milfoil. E.

spicatum, L. Spiked Water-Milfoil. E.

heterophyllum, Michx. Various-leaved Water-Milfoil. E.

scabratum, Michx. Pinnate Water-Milfoil. E.

Order 47.

ONAGRACEAE. EVENING PRIMROSE FAMILY.

GAURA biennis, L. Biennial Gaura. W.

flipes, Spach. Michaux's Gaura. C.

angustifolia, Michx. Field Gaura. C.

- OENOTHERA** *biennis*, L. Hairy Evening Primrose. A.
humifusa, Nutt. Seaside Evening Primrose. E. and C.
sinuata, L. Sinuate Evening Primrose. E. and C.
glauca, Michx. Smooth Evening Primrose. W.
fruticosa, L. Common Evening Primrose. A.
✓ *linearis*, Michx. Narrow Evening Primrose. A.
pumila, L. Small Evening Primrose. C.
grandiflora, Ait. Grand Evening Primrose. A.
longipedicellata, Small Long-stemmed Evening Primrose. W.
pilosella, Raf. Mountain Evening Primrose. W.
- EPILOBIUM** *strictum*, Muhl. Soft Willow-herb. W.
Coloratum, Muhl. Purple Willow-herb. W.
angustifolium, L. Tall Willow-herb. W.
palustre(L)lineare, Gray. Mountain Willow-herb. W.
- JUSSIAEA** *decurrens*, D. C. Primrose-Willow. A.
diffusa, Forkl. Floating Primrose-Willow. E.
- LUDWIGIA** *palustris*, Ell. Marsh Parslane. A.
alternifolia, L. Alternated Ludwigia. A.
virgata, Michx. Terete Ludwigia. E.
hirtella, Raf. Hairy Ludwigia. E.
linearis, Walt. Linear-leaved Ludwigia. E.
linifolia, Poir. Smooth Ludwigia. E.
pilosa, Walt. Tomentose Ludwigia. E.
sphaerocarpa, Ell. Globe-fruited Ludwigia. E. and C.
capitata, Michx. Capitulate Ludwigia. E. and C.
alata, Ell. Wing-stemmed Ludwigia. E.
microcarpa, Michx. Petalless Ludwigia. E. and C.
arcuata, Walt. Curve podded Ludwigia. E.
- CIRCAEA** *Lutetiana*, L. Enchanter's Nightshade. C. and W.
alpina, L. Lesser Enchanter's Nightshade. C. and W.

Order 48.

TURNERACEAE. TURNERA FAMILY.

- PIRIGUETA** *fulva*, Chapm. Pirigueta. E.

Order 49.

PASSIFLORACEAE. PASSION FLOWER FAMILY.

- ✓ **PASSIFLORA** *incarnata*, L. May Pop. A.
lutea, L. Small May Pop. A.

Order 50.

CUCURBITACEAE. GOURD FAMILY.

- LAGENARIA** *vulgaris*, Sering. Gourd. A.
MELOTHRIA *pendula*, L. Melothria. E.
SICYOS *angulatus*, L. One seeded Cucumber. C.

Order 51.

CACTACEAE. CACTUS FAMILY.

OPUNTIA vulgaris, Mill. Prickly Pear. A.

Order 52.

FICOIDEAE.

SESUVIUM portulacastrum, L. Sea Purslane. E.

pentandrum, Ell. Sea Purslane. E.

MOLLUGO verticillata, L. Carpet-weed. A.

Order 53.

UMBELLIFERAE. PARSLEY FAMILY.

HYDROCOTYLE umbellata, L. Umbellate Water cup. E.

Canbyi C. & R. Canby's Water cup. E.

verticellata, Thurb. Whorled Water-cup. E.

Americana, L. American Water-cup. A.

ranunculoides, Lf. Floating Water-cup. E.

Bonariensis, Lam. E.

repanda, Pers. Ova'e Water-cup. E.

CRANTZIA lineata (Michx.), Nutt. Crantzia. E.

SANICULA Marylandica, L. Black Sanicle. A.

Canadensis, L. Canada Sanicle. A.

gregaria, Bicknell. Clustered Sanicle. E. and C.

ERYNGIUM yuccaeifolium, Michx. Button Snake Root. A.

yuccaeifolium synchaetum, Gray. Button Snake Root. E.

virgatum, Cam. Virgate Button Snake Root. A.

Virginianum, Lam. Virginia Button Snake Root. A.

praealtum, Gray. Marsh Button Snake Root.

PIMPERNELLA integerrima, B. & H. Yellow Pimpernel. E. and C.

BUPLEURUM rotundifolium, L. Hare's Ear. A.

CICUTA maculata, L. Poi-on Hemlock. A.

APIUM Petroselinum, L. Garden Parsley. E. and C.

graveolens, L. Celery. E. and C.

leptophyllum, D. C. Marsh Parsley. E. and C.

LEPTOCAULIS divaricatus, D. C. E.

DISCOPLEURA capillacea, D. C. Bishop weed. E.

DERINGA Canadensis, D. C. Honewort. C. and W.

SIUM lineare, Michx. Water Parsnip. A.

longifolium, Pursh. Water Parsnip. E. and C.

THASPIUM trifoliatum (L.), Britton. Golden Alexander. C. and W.

aureum, Nutt. Golden Alexander. A.

barbinode, Nutt. Hairy Golden Alexander. A.

pinnatifidum, Gray. Cut leaved Golden Alexander. W.

LIGUSTICUM actaeifolium, Michx. Angelica. W.

ZIZIA aurea, Koch. Golden Meadow Parsnip. A.

Bebbii, C. & R. Bebb's Meadow Parsnip. W.

cordata, D. C. Heart-leaved Meadow Parsnip. A.

- ANGELICA Curtissii, Buckley. Curtiss' Angelico. W.
 hirsuta, Muhl. Pubescent Angelico. A.
- CONIOSELINUM Canadense, T. & G. Hemlock Parsley. W.
- TIEDMANIA rigida, C. & R. Water Drop-wort. E. and C.
 teretifolia, D. C. Water Drop-wort. E. and C.
 ternata, C. & R. Ternate Water Drop-wort. E. and C.
- HERACLEUM lanatum, Michx. Cow-Parsnip. W.
- DAUCUS Carota, L. Wild Carrot. A.
 pusilla, Michx. Wild Carrot. A.
- CHAEROPHYLLUM procumbens, Lam. Chervil. A.
 Teinturierii, Hook. Chervil. E. and C.
- OSMORRHIZA brevistylis, D. C. Sweet Cicely. C. & W.
 longistylis, D. C. Sweet Cicely. C. and W.
- ERIGENIA bulbosa, Nutt. Harbinger-of-Spring. W.
- CORIANDRUM sativum, L. Coriander. C. and W.
- CAUCALIS nodosa, Huds. Hedge Parsley. E.
- PASTINACA sativa, L. Wild Parsnip. A.
- ÆTHUSA Cynapium, L. Fool's Parsley. E.
- FÆNICULUM vulgare, Gaert. Fennel. C.
- SCANDIX Pecten-Veneris, L. Shepherd's-needle. E. and C.
- CARUM Carui, L. Caraway. C.

Order 54.

ARALIACEAE. GINSENG FAMILY.

- ✓ARALIA racemosa, L. Spikenard. W.
 hispida Mich. Rough Sarsaparilla. W.
 nudicaulis, L. Wild Sarsaparilla. W.
 ✓spinosa. Prickly Ash. A.
- PANAX quinquefolium, L. Ginseng. W.
 trifolium, L. Dwarf Ginseng. E.

Order 55.

CORNACEAE. DOGWOOD FAMILY.

- ✓CORNUS florida, L. Flowering Dogwood. A.
 circinata, L'Her. Round-leaved Dogwood. W.
 sericea, L. Swamp Dogwood, E. and C.
 stolonifera, Michx. Red Osier Dogwood. W.
 paniculata, L'Her. Panicked Dogwood. C. and W.
 stricta, Lam. Strict Dogwood. A.
 ✓alternifolia, L. f. Alternate-leaved Dogwood. C. and W.
- ✓NYSSA sylvatica, Marsh. Tupelo. A.
 biflora, Walt. Water Tupelo. E.
 ✓aquatica, L. Larger Water Tupelo. E.
 Caroliniana, Poir. Carolina Tupelo. E.

Order 56.

CAPRIFOLIACEAE. HONEYSUCKLE FAMILY.

- ✓SAMBUCUS Canadensis, L. American Elder. A.
 pubens, Michx. Red berried Elder. W.

- ✓ *VIBURNUM alnifolium*, Marsh. Hobble-bush. W.
 ✓ *acerifolium*, L. Arrow-wood. A.
 pubescens, Pursh. Downy Arrow-wood. W.
 ✓ *dentatum*, L. Mealy-tree C. and W.
 molle, Michx. Soft-leaved Arrow-wood. E.
 ✓ *cassinoides*, L. Withe-rod. W.
 ✓ *nudum*, L. Larger Withe-rod. A.
 ✓ *Lentago*, L. Sheep-berry. W.
 ✓ *prunifolium*, L. Black Haw. A.
 ✓ *rufotomentosum*, Small. Southern Black Haw. A.
 obovatum, Walt. Small Black Haw. E.
 angustifolium, T. & G. Swamp Withe-rod. E.
TRIOSTEUM perfoliatum, L. Fever-wort. C. and W.
 angustifolium, L. Narrow Fever-wort. C. and W.
 ✓ *SYMPHORICARPUS racemosus*, Michx. Snow-berry. C.
 ✓ *vulgaris*, Michx. Coral-berry. C. and W.
 ✓ *LONICERA Caprifolium*, L. Italian Honeysuckle. C. and W.
 parviflora, Lam. Glaucous Honeysuckle. W.
 flava, Sims. Yellow Honeysuckle. W.
 ✓ *sempervirens*, L. Trumpet Honeysuckle. A.
 Japonica, Thumb. Japanese Honeysuckle. A.
 ✓ *DIERVILLA trifida*, Moluch. Bush Honeysuckle. W.
 sessilifolia, Buckley. Sessile-leaved Honeysuckle. W.
 rivularis, Gattinger. Mountain Honeysuckle. W.

Order 57.

RUBIACEAE. MADDER FAMILY.

- ✓ *HOUSTONIA coerulea*, L. Bluets. Innocense. A.
 serphyllifolia Michx. Thyme-leaved Innocense. A.
 minor (Michx.), Britton. Small Innocense. E. and C.
 purpurea, L. Large Innocense. W.
 purpurea pubescens, Britton. Hairy Innocense. W.
 purpurea calycosa, Gray. Narrow-leaved Innocense. C.
 and W.
 longifolia, Gaertn. Long-leaved Innocense. C.
 tenuifolia, Nutt. Slender Innocense. A.
OLDENLANDIA glomerata, Michx. Clustered Bluets. E.
 ✓ *CEPHALANTHUS occidentalis*, L. Button-bush. A.
 ✓ *MITCHELLA repens*, L. Partridge-berry. A.
DIODIA teres, Walt. Rough Button weed. A.
 Virginiana, L. Larger Button-weed. A.
GALIUM Parisiense, L. Wall Bedstraw. C.
 Aparine, C. Cleavers. A.
 pilosum, Ait. Hairy Cleavers. E. and C.
 punctulosum, Michx. Glabrous Cleavers. E. and C.
 lanceolatum, Torr. Torrey's Cleavers. W.
 circaezans, Michx. Cross Cleavers. A.
 triflorum, Michx. Fragrant Cleavers. A.

- GALIUM latifolium*, Michx. Purple Cleavers. W.
tinctorium, L. Wild Madder. W.
tinctorium filifolium, Wie. Lesser Wild Madder. E.
Claytoni, Michx. Clayton's Madder. E.
parviflorum, Raf. Shining Madder. E. and C.
Asprellum, Michx. Rough Madder. C. and W.
hispidulum, Michx. Coast Madder. E.
trifidum, L. Small Madder. E.

Order 58.

LOGANIACEAE LOGANIA FAMILY.

- SPIGELIA Marilandica*, L. Pink Root. E. and C.
GELSEMIUM sempervirens, Ait. f. Yellow Jessamine. E. and C.
MITREOLA petiolata, T. & G. Mitrewort. E. and C.
sessilifolia, T. & G. Whorled Mitrewort. E. and C.
POLYPREMUM procumbens, L. Polypremum. A.

Order 59.

VALERIANACEAE. VALERIAN FAMILY.

- VALERIANA pauciflora*, Michx. Valerian. W.
VALERIANELLA Locusta, Betke. Corn Salad. C.
Chenopodiifolia, D. C. Goose-foot Corn Salad. C.
radiata, Durf. Beaked Corn Salad. C.

Order 60.

DIPSACACEAE. TEASEL FAMILY.

- DIPSACUS sylvestris*, Mill. r. Teasel. C. and W.

Order 61.

CICHORIACEAE. CHICORY FAMILY.

- CICHORIUM Intybus*, L. Chicory. A.
divaricatum, D. C. Chicory. W.
APOGON, humilis, Ell. C.
KRIGIA Virginica, Willd. Dwarf Dandelion. A.
amplexicaulis, Nutt. Virginia Dandelion. A.
Montana, Nutt. Mountain Dandelion. W.
Dandelion, Nutt. Goat's beard. E. and C.
TRAGOPOGON porrifolius, L. Oyster Plant. E. and C.
TARAXACUM Dens leonis, Desf. Dandelion. A.
SONCHUS oleraceus, L. Sow Thistle. A.
asper, All. Spiny Sow Thistle. A.
LACTUCA Canadensis, L. Wild Lettuce. A.
hirsuta, Muhl. Hairy Wild Lettuce. W.
integrifolia, Bgd. Arrow leaved Wild Lettuce. W.
acuminata, Gray. Blue Wild Lettuce. C. and W.
Floridana, Gaert. Florida Wild Lettuce. C.
leucophaea, Gray. Tall Blue Wild Lettuce. W.

- LACTUCA leucophaea integrifolia, Gray. Blue Wild Lettuce. W.
 graminifolia, Michx. Wild Lettuce. E.
- PYRRHOPAPPUS Carolinanus, D. O. False Dandelion. A.
- CREPIS pulchra, L. Hawksbeard. C.
 virens, L. Smooth Hawksbeard. E.
 biennis, L. Rough Hawksbeard. E.
- ✓ HIERACIUM venosum, L. Bloodwort. A.
 Marianum, Willd. Maryland Bloodwort. C.
 Greenii, Porter & Britton. Green's Bloodwort. W.
 paniculatum, L. Panicked Bloodwort. W.
 scabrum, Michx. Rough Bloodwort. W.
 Gronovii, L. Gronovius' Bloodwort. A.
- NABALUS altissimus, Hook. Tall White Lettuce. W.
 albus, Hook. Lion's-foot. A.
 serpentarius, Hook. Canker-weed. W.
 integrifolius, Cass. Canker weed. W.
 virgatus, D. C. Slender Canker-weed. E.
 crepidineus, D. C. Corymbed Canker-weed. W.

Order 62.

AMBROSIACEAE. RAGWEED FAMILY.

- IVA frutescens, L. Marsh Elder. E.
 imbricata, Walt. Sea-coast Marsh Elder. E.
- ✓ AMBROSIA trifida, L. Great Ragweed. C. and W.
 integrifolia, Muhl. Lesser Ragweed. C. and W.
 artemisiafolia, L. Roman Wormwood. A.
- XANTHIUM spinosum, L. Clot-bur. A.
 strumarium, L. Cockle-bur. A.
 Canadense, Mill. American Cockle-bur. A.

Order 63.

COMPOSITAE. COMPOSITE FAMILY.

- VERNONIA Noveboracensis, Willd. Iron-weed. A.
 Noveboracensis tomentosa, Malt. Pubescent Iron-weed.
 A.
 glauca (L.), Britton. Broad-leaved Iron-weed. A.
 gigantea (Walt.), Britton. Tall Iron-weed.
 oligophylla, Michx. Naked Iron-weed. E.
 angustifolia, Michx. Leafy Iron-weed. E.
- ELEPHANTOPUS Carolinianus, Willd. Elephant's-foot. A.
 nudatus, Gray. Smooth Elephant's-foot. A.
 tomentosus, L. Woolly Elephant's-foot. A.
- SCLEROLEPIS verticillata, Cass. Sclerolepsis. E.
- CARPHEPHORUS tomentosus, T. & G. E.
 corymbosus, T. & G. E.
 bellidifolius, T. & G. E.
- ✓ LIATRIS squarrosa, Hell. Blazing Star. E. and C.
 intermedia, Small. Lesser Blazing Star. E. and C.

- LIATRIS** *elegans*, Willd. Handsome Blazing Star. E. and C.
Helleri, Small. Heiler's Blazing Star. C.
scariosa, Willd. Button Snake-root. A.
squarrosa, Michx. Small Snake-root. E. and C.
spicata, Willd. Gay Feather. E. and C.
spicata pumila, Lodd. Larger Feather. C. and W.
graminifolia, Willd. Fine-leaved Blazing Star. C. and W.
grammitolia pilosa (Ait), Britton. Ciliate Blazing Star. E.
tenuifolia, Nutt. Smooth Blazing Star. E.
pauciflora, Pursh. Pubescent Blazing Star. E.
gracilis, Pursh. Graceful Blazing Star. E.
odoratissima, Michx. Carolina Vanilla. E.
paniculata, Michx. Hairy Vanilla. E.
regimontis Small. Vanilla C.
- KUHNI** *enpatorioides*, L. False Boneset. A.
- EUPATORIUM** *purpureum*, L. Queen-of-the-Meadow. A.
purpureum falcatum (Michx), Britton. Narrow-queen-of-the-Meadow. A.
purpureum amoenum, Gray. Purple Boneset. A.
foeniculaceum, Willd. Hog-weed Boneset. C.
serotinum, Michx. Late flowering Boneset. A.
leucolepis, T. & G. White-bracted Boneset. E.
album, L. White Boneset. C. and W.
hyssopifolium, L. Hyssop-leaved Boneset. A.
Torreyanum, Short. Torrey's Boneset. C. and W.
semiserratum, L. C. Small-flowered Boneset. E.
altissimum, L. L. Tall Boneset. W.
sessilifolium, L. Bastard Boneset. W.
verbenaefolium, Michx. Vervain Boneset. C. and W.
rotundifolium, L. Wild Hoarhound. C. and W.
pubescens, Muhl. Hairy Boneset. E. and C.
perfoliatum, L. Common Boneset. A.
truncatum, Muhl. Traucote Boneset. A.
ageratoides, L. f. White Snake-root. C. and W.
aromaticum, L. Smaller Snake-root. C. and W.
coelestinum, L. Mist-flower. E. and C.
coronopifolium, Willd. E.
pinnatifidum, Ell. E.
incarnatum, Walt. E.
- MIKANIA** *scandens*, Willd. Climbing Boneset. A.
- SERICOCARPUS** *conyzoides*, Nees. White Aster. E. and C.
solidagineus, Nees. Rough White Aster. E. and C.
fortifolius, Nees. Toothed White Aster. E. and C.
- ASTER** *tenu-erosus*, Burgess. Long-leaved Wood Aster. W.
divaricatus, L. White Wood Aster. W.
divaricatus cymulosus, Burgess. W.
divaricatus curtifolius, Burgess. W.
divaricatus deltoideus, Burgess. W.

- ASTER** *divaricatus persaliens*, Burgess. W.
divaricatus fontinalis, Burgess. W.
Claytoni, Burgess. Clayton's Aster. W.
curvescens, Burgess. Dome-topped Aster. C.
curvescens umbelliformis, Burgess. C.
curvescens oviformis, Burgess. C.
Schreberi, Nees Schreber's Aster. C.
macrophyllus, L. Large-leaved Aster. W.
Shortii, Hook. Short's Aster. W.
azureus, Lindl. Sky-blue Aster. E. and C.
cordifolius, L. Common Blue Aster. E. and C.
cordifolius polycephalus, Porter. E. and C.
cordifolius alveanus, Burgess. W.
cordifolius pedicellatus, Burgess. W.
Lowrieanus, Porter. Lowrie's Aster. E. and C.
ptarmicoides Georgianas, Small. Aster. C.
undulatus, L. Wavy-leaf Aster. A.
undulatus abruptifolius, Burgess. A.
undulatus loriformis, Burgess. A.
undulatus triangularis, Burgess. A.
patens, Ait. Late Purple Aster. A.
phlogifolius, Muhl. Thin-leaved Purple Aster. A.
✓ *Novae Angliae*, L. New England Aster. E. and C.
oblongifolius, Nutt. Aromatic Aster. E. and C.
puniceus, L. Red-stalked Aster. A.
puniceus firmus, Nees. Red-stalked Aster. A.
laevis, L. Smooth Aster. E. and C.
concinus, Willd. Narrow-leaved Smooth Aster. E.
purpuratus, Nees. Southern Smooth Aster. E.
✓ *Novi-Belgii elodes*, T. & G. Aster. E.
Novi-Belgii Atlanticus, Burgess. Atlantic Aster. E.
Novi Belgii Brittonii, Burgess. Britton's Aster. E.
concolor, L. Eastern Silvery Aster. E.
grandiflorus, L. Large flowered Aster. E. and C.
surculosus, Michx. Creeping Aster. E. and C.
gracilis, Nutt. Tuber Aster. A.
acuminatus, Mich. Mountain Aster. W.
dumosus, L. Bushy Aster. E. and C.
cordifolius, T. & G. Stouter Bushy Aster. E.
paniculatus, Lam. Panicked Aster. C.
bellidiflorus, Willd. Aster. C. and W.
simplex, Willd. Aster. C. and W.
Tradescanti, L. Tradescant's Aster. C.
Faxoni, Porter. Faxon's Aster. W.
ericoides, L. Frost weed Aster. E. and C.
ericoides pilosus, Porter. Aster. W.
ericoides platyphyllus, T. & G. Aster. W.
lateriflorus (L.), Britton. Calico Aster. E.

- ASTER** lateriflorus glomerellus, Burgess. Aster. E.
 lateriflorus pendulus, Burgess. Aster. E.
 lateriflorus horizontalis, Burgess. Aster. E.
 vimineus, Lam. Small White Aster. C.
 foliolosus, Ait. Aster. C.
 multiflorus, L. White Wreath Aster. A.
 tenuifolius L. Perennial Aster. E.
 subulatus, Michx. Annual Aster. E.
 spectabilis, Ait. Seaside Purple Aster. E.
 Curtissii, T. & G. Curtiss' Aster. W.
 squarrosus, Walt. Aster. E.
 Elliottii, T. & G. Elliott's Aster. E. and C.
 infirmus, Michx. Cornel-leaved Aster. W.
 umbellatus, Willd. Tall Flat-top Aster. C.
 amygdalinus, T. & G. Broad Flat-top Aster. C.
 linarifolius, L. Savory-leaved Aster. E and C.
- ERIGERON** strigosus, Muhl. Daisy Fleabane. A.
 annuus, Pers. Sweet Scabious. A.
 Philadelphicus, Muhl. Philadelphia Fleabane. A.
 bellidifolius, Muhl. Plantain Fleabane. E. and C.
 nuttallianus, Michx. Early Fleabane. E. and C.
 Canadensis, L. Canada Fleabane. A.
 linifolius, Willd. Panicked Fleabane. A.
- BOLTONIA** diffusa, Ell. Panicked Boltonia. E.
 glastifolia, L'Her. Boltonia. E.
 asteroides, L'Her. Aster-like Boltonia. A.
- BELLIS** perrenis, L. European Daisy. E.
- SOLIDAGO** squarrosa, Muhl. Stout Ragged Golden rod. A.
 petiolaris, Ait. Downy Ragged Golden-rod. W.
 caesia, L. Blue-stemmed Golden-rod. E. and C.
 flexicaulis, L. Zig-zag Golden-rod. E. and C.
 Curtissii, T. & G. Curtis' Golden rod. W.
 bicolor, L. White Golden-rod. W.
 uliginosa, Nutt. Golden rod. W.
 hispida, Muhl. Hairy Golden-rod. W.
 erecta, Pursh. Slender Golden-rod. A.
 monticola, T. & G. Mountain Golden-rod. W.
 puberula, Nutt. Downy Golden-rod. E.
 stricta, Ait. Wand-like Golden-rod. E.
 speciosa, Nutt. Noble Golden-rod. A.
 Purshii, Porter. River-bank Golden-rod. E.
 sempervirens, L. Sea-side Golden-rod. E.
 odora, Ait. Sweet Golden-rod. A.
 odora inodora, Gray. Scentless Golden-rod. A.
 tortifolia, Ell. Twisted-leaf Golden-rod. E. and C.
 rugosa, Mill. Wrinkle-leaved Golden-rod. A.
 fistulosa, Mill. Pine barren Golden-rod. E.
 patula, Muhl. Spreading Golden-rod. C. and W.

- SOLIDAGO patula strictula*, T. & G. Strict Spreading Golden-rod. C. and W.
ulmifolia, Muhl. Elm-leaved Golden-rod. C. and W.
Boottii, Hook. Boot's Golden-rod. C. and W.
Boottii Yadkinensis, Britton. Yadkin Golden-rod. C.
Elliottii, T. & G. Elliott's Golden-rod. E.
✓ *juncea*, Ait. Sharp toothed Golden-rod. A.
arguta, Ait. Cut leaved Golden-rod. W.
serotina, Ait. Late Golden-rod. W.
gigantia, Ait. Hispid Late Golden-rod. W.
Canadensis, L. Canada Golden-rod. C.
Canadensis scabriuscula, Porter. Golden-rod. C.
nemoralis, Ait. Field Golden rod. C.
✓ *rigida*, L. Hard leaved Golden rod. A.
graminifolia, Ell. Fragrant Golden-rod. C.
tenuifolia, Pursh. Slender Fragrant Golden-rod. C.
sphacelata, Raf. False Golden-rod. W.
pubens, Curtis. Pubescent Golden-rod. W.
Buckleyi, T. & G. Buckley's Golden-rod. W.
lanceifolia, T. & G. Mountain Golden-rod. W.
pulverulenta, Nutt. Pine-barren Golden-rod. E.
verna, Curtis. Hoary Pine-barren Golden rod. E.
glomerata, Michx. High Mountain Golden rod. W.
spithamæa, Curtis. Tufted-stemmed Golden-rod. W.
angustifolia, Ell. Sea coast Golden-rod. E.
amplexicaulis, T. & G. Clasp ing Golden-rod. C.
plumosa, Small. C.
BIGELOVIA nudata, D. C. Rayless Golden-rod. E.
CHRYSOPSIS graminifolia, Nutt. Golden Aster. E.
Mariana, Nutt. Maryland Golden Aster. A.
trichophylla, Nutt. Biennial Golden Aster. E.
hyssopifolia, Nutt. Hissop-like Golden Aster. E.
gossypina, Nutt. Cottony Golden Aster. E.
✓ *BACCHARIS halemfolia*, L. Groundsel-bush. E.
glomerulifolia, Pers. Groundsel bush. E.
angustifolia, Michx. Groundsel-bush. E.
INULA Helenium, L. Elecampane. W.
PLUCHEA bifrons, D. C. Viscid Marsh Fleabane. E. and C.
foetida, D. C. Inland Marsh Fleabane. E. and C.
camphorata, D. C. Spicy Marsh Fleabane. E. and C.
PTEROCAULON pycnostachyum, Ell. Pterocaulon. E.
ANTENNARIA margaritacea, R. Br. Everlasting. A.
plantaginifolia, Hook. Plantain Everlasting. A.
neodioica, Greene. Cat's-foot Everlasting. C.
neglecta, Greene. Field Cat's-foot Everlasting. C.
GRAPHALIMUM polycephalum, Michx. Sweet Life Everlasting. A.
Helleri, Britton. Heller's Life Everlasting. E. and C.
purpureum, L. Purple Life Everlasting. A.

- GRAPHALIUM uliginosum, L. Low Marsh Life Everlasting. E.
 FIALGO Germanica, L. Cudweed. C.
 POLYMNIA Canadensis, L. Mountain Cup-plant. W.
 Uvedalia, L. Indian Cup-plant. A.
 ACANTHOSPERMUM xanthioides D. C. A.
 CHRYSOGONUM Virginianum, L. Chrysogonum. A.
 SILPHIUM compositum, Michx. Rosin-weed. C.
 ✓trifoliatum, L. Whorled Rosin weed. A.
 Astericus, L. Starry Rosin weed. E.
 Astericus dentatum. Rosin weed. E.
 ✓perfoliatum, L. Indian-cup. A.
 BERLANDIERA tomentosa, Nutt. Berlandiera. E.
 PARTHENIUM integrifolium, L. Cutting Almond. A.
 auriculatum, Britton. Auricled Cutting Almond. W.
 ECLIPTA alba, Hassk. Eclipta. E. and C.
 BORRICHIA frutescens, D. C. Sea Ox-eye. E.
 ZINNIA pauciflora, L. Zinnia. E.
 ✓HELIOPSIS laevis, Pers. False Sun-flower. C.
 gracilis, Nutt. Slender False Sun flower. C.
 TETRAGONOTHECA helianthoides, L. Tetragonotheca. A.
 SPILANTHES repens, Michx. Spilantes. C.
 ECHINACEA purpurea, Moench. Purple Cone-flower. C.
 ✓RUDBECKIA triloba, L. Thin-leaved Cone-flower. E. and C.
 ✓hirta, L. Black Eyed Susan. A.
 Brittonii, Small. Britton's Cone-flower. W.
 fulgida, Ait. Orange Cone-flower. W.
 spathulata, Michx. Flat-headed Cone-flower. C.
 ✓laciniata, L. Thimble weed. A.
 laciniata humilis, Gray. Thimble-weed. A.
 speciosa, Neud. Cone-flower. C.
 rupestris, Gray. Cone flower. W.
 pinnatiloba, T. & G. Cone flower. W.
 LEPACHYS pinnata, T. & G. Gray-headed Cone flower. A.
 ✓HELIANTHUS angustifolius, L. Swamp Sun-flower. E.
 ✓annuus, L. Common Sun-flower. A.
 atrorubens, L. Purple-dish Sun flower. A.
 laevigatus, T. & G. Smooth Sun-flower. W.
 parviflorus, Bernh. Small Wood Sun-flower. C. and W.
 giganteus, L. Giant Sun-flower. W.
 divaricatus, L. Cough Sun-flower. W.
 strumosus, L. Pale Wood Sun-flower. W.
 hirsutus, Raf. Stiff-haired Sun-flower. W.
 glaucus, Small. Glaucous Sun-flower. C.
 ✓tomentosus, Michx. Woolly Sun-flower. A.
 ✓tuberosus, L. Jerusalem Artichoke. A.
 heterophyllus, Nutt. Sun-flower. E.
 occidentalis (Ridd.) Dowellianus, T. & G. Sun-flower.
 W.

- HELIANTHUS decapetalus*, L. Sun-flower. W.
Schwoinitzii, T. & G. Sun-flower. W.
- VERBESINA Virginica*, L. Virginia Crownbeard. A.
occidentalis, Walt. Small Yellow Crownbeard. A.
- ACTINOMERIS squarrosa*, Nutt. Actinomeris. A.
- COREOPSIS discoidea*, T. & G. Swamp Tickseed.
rosea, Nutt. Small Rose Tickseed. E.
senifolia, Michx. Greater Tickseed. A.
senifolia stellata, T. & G. Stellate Tickseed. A.
delphinifolia, Lam. Larkspur Tickseed, C.
longifolia, Small. Tickseed. E. and C.
verticillata, L. Whorled Tickseed. A.
lanceolata, L. Lance-leaved Tickseed. E.
pubescens, Ell. Star Tickseed. C. and W.
crassifolia, Ait. Hairy Tickseed. C.
auriculata, L. Running Tickseed. A.
tripteris, L. Tall Tickseed. A.
aurea, Ait. Showy Tickseed. E.
trichosperma, Michx. Smooth Tickseed. E. and C.
latifolia, Michx. Mountain Tickseed. W.
gladiata, Walt. Terete Tickseed. E.
angustifolia, Ait. Branching Tickseed. E.
- BIDENS frondosa*, L. Beggar's-ticks. A.
cernua, L. Smaller Beggar's-ticks. A.
chrysanthemoides, Michx. Brook Beggar's-ticks. A.
bipinnata, L. Spanish-needle Beggar's-ticks. A.
connata, Muhl. Purple-stemmed Beggar's-tick. A.
discordea, T. & G. Swamp Beggar's-ticks. E. and C.
- BALDWINIA uniflora*, Ell. Baldwinia. E
- GALINSOGA parviflora*, Cav. Galinsoga. A.
parviflora hispida, D. C. Galinsoga. A.
- MARSHALLIA latifolia*, Pursh. Marshallia. A.
lanceolata, Pursh. Lance-leaved Marshallia. A.
lanceolata platyphylla, Curtis. Marshallia. A.
lacinarioides, Small. Marshallia. E.
angustifolia, Pursh. Marshallia. E.
- HELENIUM autumnale*, L. Sneezeweed. A.
nudiflorum, Nutt. Purple-head Sneezeweed. A.
tenuifolium, Nutt. Fine-leaved Sneezeweed. A.
quadridentatum, Labill. Sneezeweed. W.
vernale, Walt. Sneezeweed. E.
Curtissii, Gray. Curtis' Sneezeweed. E. and C.
- ACHILLEA millefolium*, L. Yarrow. A.
- ANTHEMIS Cotula*, L. May-weed. A.
arvensis, L. Field Camomile. E. and C.
nobilis, L. Garden Camomile. E. and C.
tinctoria, L. Ox-eye Camomile. E. and C.
- CHRYSANTHEMUM Leucanthemum*, L. Ox-eye Daisy. A.
Parthenium, Pers. Feverfew. C.

- TANACETUM vulgare, L. Tausy. A.
vulgare crispum, D. C. Tausy. A.
- ARTEMISIA caudata, Mich. Wild Wormwood. E.
Abrotanum, L. Southernwood. C.
vulgaris, L. Mugwort. C.
- ARNICA nudicaulis, Nutt. Leopard's-bane. E. and C.
- ERECHTITES hieracifolia, Raf. Fire-weed. A.
- CACALIA reniformis, Muhl. Indian Plantain. W.
atriplicifolia, L. Pale Indian Plantain. A.
suaveolens, L. Wild Caraway. A.
- SENECIO tomentosus, Michx. Woolly Ragweed. A.
obovatus, Muhl. Round-leaf Ragweed. E. and C.
Balsamitae, Muhl. Balsam Ragweed. W.
Smallii, Britton. Small's Ragweed. W.
Robbinsii, Oakes. Robbins' Ragweed. W.
aureus, L. Life-root. A.
gracilis, Pursh. Slender Life-root. E.
- lobatus, Pers. Butter-weed. A.
vulgaris, L. Groundsel. C.
viscosus, L. Fetid Groundsel. E.
Millefolium, T. & G. Mountain Groundsel. W.
- ARCTIUM Lappa, L. Burdock. A.
minus, Schk. Common Burdock. W.
- CARDUUS lanceolatus, L. Spear Thistle. A.
altissimus, L. Roadside Thistle. A.
discolor, Nutt. Field Thistle. A.
Virginianus, L. Virginia Thistle. A.
horridulus, Pursh. Yellow Thistle. E.
muticus, Pers. Swamp Thistle. E.
arvensis, Robs. Canada Thistle. E. and C.
repandus, Ell. Pine-barren Thistle. E.
- ✓ CENTAUREA Cyanus, L. Corn-flower. A.
Calcitrapa, L. Star Thistle. E.
- CNICUS benedictus, L. Blessed Thistle. E.
- CHAPTALIA tomentosa, Vent. Chaptalia. E.

Order 64.

LOBELIACEAE. LOBELIA FAMILY.

- ✓ LOBELIA cardinalis, L. Cardinal Flower. A.
syphilitica, L. Great Blue Lobelia. C. and W.
puberula, Michx. Downy Lobelia. E. and C.
leptostachys, A. D. C. Spiked Lobelia. W.
amoena, Michx. Southern Lobelia. E. and C.
amoena glandulifera. Gray Lobelia. E. and E.
- ✓ glandulosa, Walt. Glandular Lobelia. A.
inflata, L. Tobacco Lobelia. C. and W.
spicata, Lam. Pale Spiked Lobelia. C. and W.
Nuttallii, R. & S. Nuttall's Lobelia. E. and C.

- LOBELIA paludosa, Nutt. Swamp Lobelia. E.
 Canbyi, Gray. Canby's Lobelia. E and C.
 Cliffortiana, Gray. Clifford's Lobelia. E.

Order 65.

CAMPANULACEAE. CAMPANULA FAMILY.

- ✓ CAMPANULA aparinoides, Pursh. Bell flower. W.
 divaricata, Michx. Panicked Bell flower. W.
 Americana, L. Tall Bell-flower. W.
 SPECULARIA perfoliata, D. C. Large Venus' Looking-glass. A.
 biflora, Gray. Small Venus' Looking-glass. A.

Order 66.

CLETHRACEAE. WHITE ALDER FAMILY.

- ✓ CLETHRA alnifolia, L. Sweet Pepper bush. C. and W.
 acuminata, Michx. Mountain Pepper bush. W.

Order 67.

PYROLACEAE. WINTERGREEN FAMILY.

- PYROLA rotundifolia, L. Canker Lettuce. W.
 ✓ CHIMAPHYLLA maculata, Pursh. Wintergreen. A.
 umbellata, Nutt. Fragrant Wintergreen. W.

Order 68.

MONOTROPACEAE. INDIAN PIPE FAMILY.

- MONOTROPSIS odorata, Ell. Sweet Pine-sap. E.
 ✓ MONOTROPA uniflora, L. Indian Pipe. A.
 Hypopitys, L. False Beech-drops. A.

Order 69.

ERICACEAE. HEATH FAMILY.

- ✓ AZALEA nudiflora, L. Pink Azalea. A.
 ✓ canescens, Michx. Mountain Azalea. W.
 ✓ calendulacea, Michx. Flame Azalea. C. and W.
 ✓ arborescens, Pursh. Fragrant Azalea. C. and W.
 ✓ viscosa, L. White Azalea. C. and W.
 glauca, Michx. Glaucous. White Azalea. W.
 nitida, (Pursh) Britton. Shrubby. White Azalea. W.
 ✓ RHODODENDRON maximum, L. Great Laurel. W.
 ✓ Catawbiense, Michx. Catawba Laurel. W.
 Vaseyi, Gray. Vasey's Laurel. W.
 punctatum, Andr. Rose Laurel. W.
 MENZEISIA globularis, Salisb. Menzeisia. W.
 LEIOPHYLLUM buxifolium, Ell. Sand Myrtle. E. & W.
 prostratum. W.
 ✓ KALMIA latifolia, L. Mountain Laurel. C. and W.
 ✓ angustifolia. Sheep Laurel. E. and C.

- KALMIA cuneata*, Michx. Swamp Laurel. E.
hirsuta, Walt. Hairy Laurel. E.
- ✓ *LEUCOTHOE axillaris*, Don. Downy Leucothoe. E.
 ✓ *Catesbaei*, Gray. Catesby's Leucothoe. C. and W.
recurva, Gray. Mountain Leucothoe. W.
 ✓ *racemosa*, Gray. Swamp Leucothoe. A.
- ✓ *ANDROMEDA floribunda*, Pursh. Fetter-bush. W.
 ✓ *nitida*, Bartr. Common Fetter-bush. A.
 ✓ *Mariana*, L. Stagger bush. E. and C.
 ✓ *ligustrina*, Muhl. False Privet. C. and W.
pubescens. Small Privet. W.
 ✓ *speciosa*, Michx. Pine-barren Privet. E.
pulverentula, (Michx.) Ashe. E. and C.
- CASSANDRA calyculata*, Don. Cassandra. W.
- ✓ *OXYDENDRUM arboreum*, D. C. Sour-wood. A.
- ✓ *EPIGAEA repens*, L. Trailing Arbutus. A.
- ✓ *GAULTHERIA procumbens*, L. Checker-berry. W.

Order 70.

VACCINIACEAE. HUCKLE BERRY FAMILY.

- ✓ *GAYLUSSACIA frondosa*, T. and G. Tangle berry. E. and C.
 ✓ *dumosa*, T. and G. Bush Tangle-berry. E. and C.
hirtella, Gray. Hairy Bush Tangle-berry. E.
resinosa, T. and G. Black Tangle berry. E. and C.
ursina, Gray. Taller Black Tangle-berry. W.
brachycera, Gray. Glabrous Black Tangle-berry. W.
- ✓ *VACCINIUM virgatum*, Ait. Southern Black Huckleberry. A.
tenellum, Ait. Lesser Black Huckleberry. E.
 ✓ *corymbosum* L. High bush Huckleberry. A.
fuscatum, Gray Huckleberry. E.
pallidum, Ait. Mountain Huckleberry. W.
vacillans, Kalm. Low Blue Huckleberry. W.
 ✓ *stamineum*, L. Deerberry. A.
arboreum, Marsh. Farkleberry. E.
crassifolium, Andr. Eastern Black Huckleberry. E.
myrsinites, Michx. Huckleberry. E.
hirsutum, Buckley. Hairy Huckleberry. W.
- CHIOGENES hispidula*, T. and G. Slowberry. W.
- OXYCOCCUS macrocarpus*, Pers. American Cranberry. E. and W.
erythrocarpus, Pers. Mountain Cranberry. W.

Order 71.

DIAPENSIACEAE. DIAPENSIA FAMILY.

- PYXIDANTHERA barbulate*, Michx. Flowering Pyxie. E.
- ✓ *GALAX aphylla*, L. Galax. C. and W.
- ✓ *SHORTIA galacifolia*, Gray. "Hyams' Sparkling Shortia." W.

Order 72.

STYRACACEAE. STORAX FAMILY.

- ✓ *STYRAX* pulverulenta, Michx. Downy Storax. E.
 ✓ grandiflora, Ait. Large-leaved Storax. A.
 ✓ Americana, Lam. Smooth Storax. A.
 ✓ *HALESIA* diptera, L. Snowdrop Tree. W.
 ✓ tetraptera, L. Snowdrop Tree. C. and W.

Order 73.

SYMPLOCACEAE. SWEET-LEAF FAMILY.

- ✓ *SYMPLOCUS* tinctoria, L'Her. Horse-sugar. C. and W.

Order 74.

EBENACEAE. EBONY FAMILY.

- ✓ *DIOSPYROS* Virginiana, L. Persimmon. A.

Order 75.

SAPOTACEAE. SAPODILLA FAMILY.

- BUMELIA* lycioides, Pers. Buckthorn. C.

Order 76.

PRIMULACEAE. PRIMROSE FAMILY.

- HOTTONIA* inflata, Ell. Featherfoil. E.
SAMOLUS floribundus, H. B. K. Brookweed. E.
LYSIMACHIA quadrifolia, L. Whorled Loosestrife. C. and W.
 stricta, Ait. Bulb-bearing Loosestrife. E.
 Fraseri, Duby. Fraser's Loosestrife. W.
 asperulaefolia, Poir. Loosestrife.
STEIRONEMA ciliatum, Raf. Fringed Loosestrife. A.
 tonsum, Bicknell. Southern Loosestrife. W.
 radicans, Gray. Trailing Loosestrife. C.
 lanceolatum, Gray. Lance-leaved Loosestrife. E. and C.
ANAGALLIS arvensis, L. Red Pimpernel. W.
DODECATHEON Meadia, L. American Cowship. E. and C.
CENTUNCULUS minimus, L. Chaff-weed. E.

Order 77.

PLUMBAGINACEAE. LEADWORT FAMILY.

- STATICE* Caroliniana, Walt Marsh Rosemary. E.
 Brasiliensis, Boissier. Rosemary. E.

Order 78.

LENTIBULACEAE. BLADDERWORT FAMILY.

- UTRICULARIA* cornuto, Michx. Horned Bladderwort. E. and C.
 juncea, Vahl. Rush Bladderwort. E. and C.
 resupinata, Greene. Reversed Bladderwort. E. and C.

- UTRICULARIA subulata, L. Ziz zag Bladderwort. E. and C.
 inflata, Walt. Swollen Bladderwort. E. and C.
 purpurea, Walt. Purple Bladderwort. E. and C.
 vulgaris, L. Greater Bladderwort. E. and C.
 fibrosa, Walt. Fibrous Bladderwort. E.
 gibba, L. Humped Bladderwort. E. and C.
 PINGUICULA lutea, Walt. Butterwort. E.
 elatior, Michx. Purple Butterwort. E. and C.

Order 79.

BIGNONIACEAE. BIGNONIA FAMILY.

- ✓ BIGNONIA capreolata, L. Cross vine. A.
 ✓ TECOMA radicans, Juss. Trumpet flower. A.
 ✓ CATALPA bignonioides, Walt. Catawba Tree. C.
 cordifolia, Moench. Catawba Tree. W.

Order 80.

MARTYNICACEAE. UNICORN-PLANT FAMILY.

- MARTYNIA Louisiana, Will. Unicorn-Plant. A.

Order 81.

OROBANCHACEAE. BROOM RAPE FAMILY.

- EPIPEGUS Virginiana, Bart. Beech-drops. A.
 CONOPHOLIS Americana, Wallr. Squaw-root. A.
 APHYLLON uniflorum, T. & G. Cancer-root. A.

Order 82.

SCROPHULARIACEAE. FIGWORT FAMILY.

- ✓ VERBASCUM Thapsus, L. Great Mullein. A.
 Lychnitis, L. White Mullein. A.
 Blattaria, L. Moth Mullein. A.
 LINARIA Cymbalaria, Mill. Coliseum Ivy. E.
 spuria, Mill. Round leaved Toad-Flax. E.
 Elatina, Mill. Cancerwort Toad-Flax. E.
 vulgaris, Mill. Yellow Toad-Flax. A.
 Canadensis, Dumont. Blue Toad-Flax. A.
 repens, Mill. Pale Blue Toad-Flax. E.
 ANTIRRHINUM majus, L. Lion's mouth. E.
 SCROPHULARIA Marylandica, L. Figwort. C. and W.
 leporella, Bicknell. Hare Figwort. W.
 CHELONE glabra, L. Snake head. A.
 obliqua, L. Red Turtle-head. C.
 Lyoni, Pursh. Lyon's Turtle head. W.
 PENSTEMON pubescens, Soland. Hairy Beard-tongue. C. and W.
 canescens, Britton. Gray Beard-tongue. C. and W.
 Digitalis, Nutt. Foxglove Beard-tongue. C.
 laevigatus, Soland. Smooth Beard-tongue. C. and W.

- ✓ *PAULOWNIA imperialis*, Sieb. Paulownia. C. and W.
MIMULUS ringens, L. Monkey-flower. A.
 alatus, Soland. Winged Monkey-flower. E. and C.
HERPESTRIS Monniera, H. B. K. Hedge-Hyssop. E.
 nigrescens, Benth. Purple Hedge-Hyssop. C.
 amplexicaulis, Pursh. Blue Hedge-Hyssop. E.
GRATIOLA Virginiana, L. Claimy Hedge-Hyssop. C. and W.
 sphaerocarpa, Ell. Round-fruited Hedge-Hyssop. A.
 aurea, Muhl. Golden Hedge-Hyssop. E.
 viscosa, Schwein. Viscid Hedge-Hyssop. W.
 Drummondii, Benth. Drummond's Hedge-Hyssop. W.
 officinalis, L. Hedge-Hyssop. C.
 pilosa, Michx. Hairy Hedge-Hyssop. E.
ILYSANTHES gratiolooides, Benth. False Pimpernel. E.
 attenuata (Muhl), Small. False Pimpernel. W.
 saxicola, Chapm. False Pimpernel. W.
MICRANTHEMUM Nuttallii, Gray. Nuttall's Micranthemum. E.
 orbiculatum, Michx. Micranthemum. E.
VERONICA Anagallis, L. Speedwell. C. and W.
 Anagallis aquatica, L. Water Speedwell. E.
 officinalis, L. Common Speedwell. C. and W.
 serpyllifolia, L. Thyme leaved Speedwell. W.
 peregrina, L. Purslane Speedwell. W.
 arvensis, L. Corn Speedwell. A.
 agrestis, L. Garden Speedwell. C.
LEPTANDRA Virginica, Nutt. Culver's root. C. and W.
DIGITALIS purpurea, L. Purple Fox-glove. C.
BUCHNERA Americana, L. Blue-hearts. C.
SEYMERIA tenuifolia, Pursh. Mullein Fox-glove. C. and W.
 macrophylla, Nutt. Mullein Fox-glove. W.
OTOPHYLLA Michauxii, Benth. Michaux's Fox-glove. E.
DASYTOMA Pedicularia, Benth. Lousewort Fox glove. A.
 flava, Wood. Downy Fox-glove. A.
 laevigata, Raf. Entire leaved Fox glove. A.
 quercifolia, Benth. Smooth Fox-glove. E. and C.
 pectinata, Benth. Villions Fox-glove. E.
GERARDIA linifolia, Nutt. Flax-leaved Gerardia. E.
 purpurea, L. Large Purple Gerardia. A.
 purpurea fasciculata, Chapm. Purple Gerardia. E.
 maritima, Raf. Sea-side Gerardia. E.
 tenuifolia, Vahl. Slender Gerardia. A.
 tenuifolia filiformis, Chapm. Filiform Gerardia. A.
 Skinneriana, Wood. Skinner's Gerardia. E.
 auriculata, Michx. Auricled Gerardia. E. and C.
 aphylla, Nutt. Pine-barren Gerardia. E.
 setacea, Walt. Setaceous Gerardia. C.
CASTILLIJA coccinea, Spreng. Painted-cup. C. and W.
SCHWALBEA Americana, L. Chaff-seed. E.

- PEDICULARIS lanceolata, Michx. Swamp Lousewort. W.
 Canadensis, L. Betony Lousewort. A.
 MELAMPYRUM lineare, Lam. Cow-wheat. W.
 latifolium, Muhl. Cow-wheat. W.

Order 83.

SOLANACEAE. NIGHTSHADE FAMILY.

- ATROPA physalodes, L. Apple-of Peru. C. and W.
 PHYSALIS pubescens, L. Low Hairy Ground Cherry. A.
 Barbadosensis, Jacq. Barbadoes Ground Cherry. A.
 obscura, Michx. Glabrous Ground Cherry. A.
 angulata, L. Cut-leaved Ground Cherry. C.
 Philadelphica, Lam. Philadelphia Ground Cherry. C.
 lanceolata, Michx. Prairie Ground Cherry. W.
 Virginiana, Mill. Virginia Ground Cherry. A.
 heterophylla, Nees. Clammy Ground Cherry. C.
 heterophylla nyctagina, Rydberg. Clammy Ground
 Cherry. C.
 viscosa, L. Stellate Ground Cherry. E.
 SOLANUM nigrum, L. Black Nightshade. A.
 Carolinense, L. Horse Nettle. A.
 Dulcamara, L. Woody Nightshade. W.
 Lycopersicum, L. Love Apple. C.
 aculeatissimum; Jacq. Nightshade. C.
 ✓ LYCIUM vulgare, Dunal. Box-thorn. C.
 Carolinianum, Michx. E.
 DATURA Stramonium, L. Jamestown-weed. A.
 Tatula, L. Purple Jamestown-weed. A.
 Metel, L. Entire-leaved Jamestown-weed. E.
 ✓ NICOTIANA rustica, L. Wild Tobacco. C.

Order 84.

CONVOLVULACEAE. MORNING GLORY FAMILY.

- DICHONDRA repens, Forst. Dichondra. E.
 BREWERIA humistrata, (Walt) Gray. Breweria. E.
 aquatica, (Walt) Gray. Water Breweria. E.
 Pickeringii, (Curtis) Gray. Pickering's Breweria. E.
 IPOMOEA Quamoclit, L. American Red Bell-flower. E. and C.
 coccinea, L. Small Red Morning glory. A.
 pandurata, (L.) Meyer. Wild Potato Vine. A.
 lacunosa, L. Small White Morning-glory. A.
 Carolina, (L.) Pursh. Small Pink Morning-glory. E.
 purpurea, (L.) Roth. Purple Morning-glory. A.
 hederacea, Jacq. Ivey-leaved Morning-glory. A.
 sagittata, Cav. Sagitate Morning glory. E.
 tamnifolia, Griseb. Bracted Morning-glory. E.
 CONVULVULUS sepium, L. Hedge Bindweed. A.
 repens, L. Trailing Bindweed. A.

- CONVOLVULUS spithameus, L. Upright Bindweed. W.
arvensis L. Small Bindweed. A.

Order 85.

CUSCUTACEAE. DODDER FAMILY.

- CUSCUTA arvensis, Beyrich. Field Dodder. A.
indecora, Choisy. Pretty Dodder. A.
Coryli, Engelm. Hazel Dodder. W.
Gronovii, Willd. Love-vine Dodder. A.
rostrata, Shuttlw. Beaked Dodder. W.
compacta, Juss. Compact Dodder. C.
inflexa, Engelm. Umbel Dodder. E. and C.

Order 86.

POLEMONIACEAE. PHLOX FAMILY.

- PHLOX paniculata, L. Garden Phlox. A.
maculata, L. Wild Sweet William. C. and W.
ovata, L. Mountain Phlox. W.
glaberrima, L. Smooth Phlox. W.
glaberrima suffruticosa, Grav. Smooth Scabrous Phlox. W.
reptans, Michx. Crawling Phlox. E.
divaricata, L. Wild-Blue Phlox. A.
amoena, Sims. Hairy Phlox. C.
pilosa, L. Downy Phlox. C.
✓subulata, L. Moss-Pink Phlox. E.
Drummondii, Hook. Drummond's Phlox. A.
POLEMONIUM reptans, L. Greek Valerian. W.

Order 87.

GENTIANACEAE. GENTIAN FAMILY.

- SABBATIA lanceolata, (Walt) T. and G. Lance-leaved Sabbatia. E.
paniculata, (Michx) Pursh. Branching Sabbatia. E.
angustifolia, (Michx) Britton. Narrow-leaved Sabbatia. E.
angularis, (L) Pursh. Square-stemmed Sabbatia. A.
calycina, (Lam) Heller. Coast Sabbatia. E.
stellaris, Pursh. Marsh Sabbatia. E.
Elliottii, Steud. Elliott's Sabbatia. E. and C.
gracilis, Salisb. Slender Marsh Sabbatia. E.
chloroides, Pursh. Large Marsh Sabbatia. E.
GENTIANA quinqueflora, Lam. Stiff Gentian. W.
crinita, Froel. Fringed Gentian. W.
ochroleuca, Froel. Striped Gentian. E. and C.
Elliottii, Chapm. Elliott's Gentian. E. and C.
Saponaria, L. Soapwort Gentian. A.
✓Andrewsii, Griseb. Closed Gentian. W. *Larc Raleigh*
flavida, Gray. Yellowish Gentian. E.
angustifolia, Michx. One-flowered Gentian. E.

- FRASERA Carolinensis, Walt. American Columbo. A.
 OBOLARIA Virginica, L. Pennywort. C.
 BARTONIA Virginica, (L.) B. S. P. Yellow Bartonian. E.
 verna, (Michx.) Muhl. White Bartonian. E.

Order 88.

MENYANTHACEAE. BUCKBEAN FAMILY.

- LIMNANTHEMUM lacunosum (Vent.) Griseb. Floating Heart. E.
 aquaticum (Walt.) Britton. Larger Floating
 Heart. E.

Order 89.

APOCYNACEAE. DOGBANE FAMILY.

- AMSONIA Tabernaemontana, Walt. Amsonia. C. and W.
 ciliata, Walt. Pale Amsonia. C. and W.
 ✓ VINCA minor, L. Small Periwinkle. A.
 major. Large Periwinkle. A.
 APOCYNUM androsaemifolium, L. Bitter-root. A.
 cannabinum, L. Indian Hemp. A.
 cannabinum glaberrimum, D. C. Glabrous Hemp. A.
 ECHITIS difformis, Walt. Echites. C.

Order 90.

ASCLEPIADACEAE. MILKWEED FAMILY.

- ✓ ASCLEPIAS tuberosa, L. Butter-fly Weed. A.
 decumbens, L. Decumbent Butter-fly Weed. A.
 lanceolata, Walt. Few flowered Milkweed. E.
 rubra, L. Red Milkweed. E. and C.
 laurifolia, Michx. Red Milkweed. W.
 purpurascens, L. Purple Milkweed. W.
 incarnata, L. Swamp Milkweed. A.
 pulchra, Ehrh. Hairy Milkweed. A.
 obtusifolia, Michx. Blunt-leaved Milkweed. A.
 exaltata (L.), Muhl. Tall Milkweed. W.
 variegata, L. White Milkweed. A.
 quadrifolia, Jacq. Four leaved Milkweed. C. and W.
 Syriaca, L. Common Milkweed. A.
 perennis, Walt. Thin-leaved Milkweed. C.
 verticillata, L. Whorled Milkweed. A.
 amplexicaulis, Michx. Clasping Milkweed. E.
 tomentosa, Ell. Villous Milkweed. E.
 ACERATES viridiflora (Raf.), Eaton. Green Milkweed. A.
 viridiflora Ivesii, Britton. Ives' Milkweed. A.
 longifolia, Ell. Florida Milkweed. E. and C.
 PODOSTIGMA pubescens, Ell. Podostigma. E.
 SENTERA maritima Decaisne. Sentera. E.

- GONOBOLUS macrophyllus*, Michx. Large-leaved Negro-vine. C. and W.
suberosus, R. Br. Coast Negro vine. E.
hirsutus, Michx. Hairy Negro-vine. A.
obliquus, R. Br. Large flowered Negro-vine. E. and C.
Carolinensis, R. Br. Carolina Negro-vine. A.

Order 91.

OLEACEAE. OLIVE FAMILY.

- SYRINGA vulgaris*, L. Lilac. C.
OSMANTHUS Americanus, B. & H. Osmanthus. E.
CHIONANTHUS Virginica, L. Fringe Tree. A.
FRAXINUS Americana, L. White Ash. A.
viridis, Michx, Green Ash. E. and C.
pubescens, Lam. Marsh Red Ash. C.
platycarpa, Michx. Water Ash. E.
nigra, Marsh. Black Ash. E.
Biltmoreana, Beadl. Biltmore Ash. W.

Order 92.

HYDROPHYLLACEAE. WATER-LEAF FAMILY.

- HYDROPHYLLUM Virginicum*, L. Virginia Water-leaf. W.
macrophyllum, Nutt. Large-leaved Water-leaf. W.
Canadense, L. Broad-leaved Water-leaf. W.
appendiculatum, Michx. Appendaged Water-leaf. W.
NEMOPHILA microcalyx, Nutt. Nemophila.
PHACELIA bipinnatifida, Michx. Loose-flowered Phacelia. W.
parviflora, Pursh. Small-flowered Phacelia. W.
hirsuta, Nutt. Hairy Phacelia. W.
Purshii, Buckl. Pursh's Phacelia. W.
fimbriata, Michx. Fringed Phacelia. W.
HYDROLEA quadrivalvis, Walt. Hairy Hydrolea. E.

Order 93.

BORAGINACEAE. BORAGE FAMILY.

- HELIOTROPIUM Europaeum*, L. European Heliotrope. C.
Curassavicum, L. Sea-side Heliotrope. E.
Indicum, F. Indian Heliotrope. E. and C.
anchusaefolium, Poir. Heliotrope. E. and C.
CYNOGLOSSUM officinale, L. Hound's-tongue. W.
Virginicum, L. L. Wild Comfrey. W.
LAPPULA Virginiana (L.), Greene. Virginia Stickseed. W.
MERTENSIA Virginica (L.), D. C. Virginia Cowslip. A.
MYOSOTIS laxa, Lehm. Forget-me-not. W.
Virginica (L.), B. S. P. Spring Scorpion-grass. C.
LITHOSPERMUM arvense, L. Corn Gromwell. A.

- LITHOSPERMUM latifolium, Michx. American Gromwell. C.
 " " Gmelini (Michx.), Hitch. Gmelin's Gromwell. E.
 " " canescens (Michx.), Lehm. Hoary Gromwell. A.
 ONOSMODIUM Carolinianum (Lam.), D. C. False Gromwell. C.
 " " Virginianum (L.), D. C. Virginia False Gromwell. C.
 SYMPHYTUM officinale, L. Comfrey. C. and W.
 BORRAGO officinalis, L. Borage. C.
 LYCOPSIS arvensis, L. Small Bugloss. E. and C.
 ECHIUM vulgare, L. Viper's Bugloss. C.

Order 94.

ACANTHACEAE. ACANTHUS FAMILY.

- RUELLIA biflora, L. Pine-barren Ruellia. E.
 strepens, L. Smooth Ruellia. C.
 strepens micrantha (Englm.) Britton. Ruellia. C.
 strepens cleistantha, Gray. Ruellia. C.
 ciliosa Pursh. Hairy Ruellia. A.
 ciliosa parviflora (Nees) Britton. Hairy Ruellia. A.
 ciliosa ambigua, Gray. Hairy Ruellia. A.
 DIANTHERA Americana, L. Water Willow. E.
 ovata, Walt. Loose-flowered Water Willow. E. and C.
 JUSTICIA brachiata Pursh. Justicia. E. and C.
 CALOPHANES oblongifolia, Don. Calophanes. E.

Order 95.

PHRYMACEAE. LOPSEED FAMILY.

- PHRYMA Leptostachya, L. Lopseed. C. and W.

Order 96.

VERBENACEAE. VERVAIN FAMILY.

- ✓ VERBENA officinalis, L. European Vervain. A.
 urticifolia, L. Nettle-leaved Vervain. A.
 riparia, Raf. River-bank Vervain. W.
 hastata, L. Blue Vervain. A.
 pinnatifida, Lam. Pinnate Blue Vervain. A.
 angustifolia, Michx. Narrow-leaved Vervain. C.
 bracteosa, Michx. Large-bracted Vervain. C.
 Aubletia, Jacq. Large-flowered Vervain. E.
 LIPPIA lanceolata, Michx. Fog-fruit. E.
 nodiflora, Michx. Fog-fruit. E.
 ✓ CALLICARPA Americana, L. French Mulberry. C. and W.

Order 97.

LABIATAE. MINT FAMILY.

- TEUCRIUM Canadense, L. Wood Sage. C. and W.
 OCIMUM Basilicum, L. Sweet Basil. C.
 ISANTHUR coeruleus, Michx. False Pennyroyal. C. and W.

- TRICHOSTEMA** *dichotomum*, L. Bastard Pennyroyal. C. and W.
lineare, Nutt. Narrow Bastard Pennyroyal. E.
- SCUTELLARIA** *lateriflora*, L. Mad dog Skullcap. C. and W.
serrata, Andr. Showy Skullcap. C. and W.
canescens, Nutt. Downy Skullcap. C. and W.
versicolor, Nutt. Heart-leaved Skullcap. A.
versicolor minor, Chapm. Heart leaved Skullcap. A.
pilosa, Michx. Hairy Skullcap. W.
integrifolia, L. Hyssop Skullcap. A.
parvula, Michx. Small Skullcap. E.
campestris, Britton. Prairie Skullcap. W.
saxatilis, Riddell. Rock Skullcap. W.
galericulata, L. Marsh Skullcap. W.
nervosa, Pursh. Veined Skullcap. W.
- MARRUBIUM** *vulgare*, L. Hoarhound. A.
- LOPHANTHUS** *nepetoides*, Benth. Catnip Hyssop. W.
scrophulariaefolius, Benth. Figwort Hyssop. W.
- CEDRONELLA** *cordata*, Benth. Cedronella. W.
- NEPETA** *Cataria*, L. Catnep. A.
Glechoma, Benth. Ground Ivey. A.
- PRUNELLA** *vulgaris*, L. Heal-all. A.
- PHYSOSTEGIA** *Virginiana* (L.) Benth. False Dragon-head. W.
Virginiana speciosa, small Dragon-head. C. and W.
denticulata (L.) Britton. Lion's Heart. W.
- SYNANDRA** *hispidula* (Michx.) Britton. Synandra. W.
- GALEOPSIS** *Tetrahit*, L. Hemp Nettle. A.
- LEONURUS** *Cardiaca*, L. Motherwort. A.
- LAMIUM** *amplexicaule*, L. Dead Nettle. A.
maculatum, L. Spotted Dead Nettle. C.
album, L. White Dead Nettle. C.
- STACHYS** *hyssopifolia*, Michx. Hyssop Hedge Nettle. W.
ambigua (Gray), Britton. Dense-flowered Hedge Nettle. W.
tenuifolia, Willd. Smooth Hedge Nettle. W.
aspera, Michx. Rough Hedge Nettle. W.
cordata, Riddell. Cordate Hedge Nettle. W.
arvensis, L. Corn Woundwort. E.
- SALVIA** *lyrata*, L. Lyre-leaved Sage. A.
urticifolia, L. Nettle-leaved Sage. A.
Sclarea, L. Clary Sage. C.
coccinea, L. Scarlet Sage. C.
obovata, Ell. Obovate Sage. A.
officinalis, L. Garden Sage. C.
- MONARDA** *didyma*, L. Red Mountain Mint. W.
Clinopodia, L. Basal Balm. W.
fistulosa, L. Wild Bergamot. W.
media, Willd. Purple Bergamot. W.
punctata, L. Horse-mint. C. and W.
- BLEPHILIA** *ciliata* (L.), Raf. Downy Blephilia. C. and W.
hirsuta (Pursh.), Torr. Hairy Blephilia. W.

- HEDEOMA pulegioides** (L.), Pers. Pennyroyal. A.
MELISSA officinalis, L. Lemon Balm. C.
SATUREIA hortensis, L. Savory. C.
CALAMINTHA Clinopodium, Benth. Basil-weed. C.
 Nepeta, L. & H. Field Balm. C.
 Caroliniana, Sweet. Carolina Balm. C.
HYSSOPUS officinalis, L. Hyssop. C.
ORIGANUM marjorannum, L. Marjoram. C.
RYCANTHEMUM linifolium, Pursh. Narrow leaved Mountain Mint.
 C. and W.
 laucelatum, Pursh. Virginia Mountain Mint. C.
 and W.
 clinopodioides, T. & G. Basil Mountain Mint. W.
 hyssopifolium, Benth. Hyssop Mountain Mint. C.
 and W.
 aristatum, Michx. Awned Mountain Mint. C.
 and W.
 aristatum hyssopifolium, Gray. C and W.
 incanum, Michx. Hoary Mountain Mint. C. and W.
 Tullia, Benth. Southern Mountain Mint. C. and W.
 Tullia dubium, Gray. Mountain Mint. W.
 albescens, T. & G. White-leaved Mountain Mint. C.
 muticum, Michx. Short-toothed Mountain Mint.
 E. and C.
 montanum, Michx. Thin-leaved Mountain Mint.
 W.
 leptodon, Benth. Mountain Mint. W.
 Beadlei, Small. Beadle's Mountain Mint. W.
 Torreyi, Benth. Torrey's Mountain Mint. W.
CUNILLA Mariana, L. Dittany. W.
LYCOPUS Virginicus, L. Bugle-weed. A.
 sessilifolius, Gray. Sessile Bugle-weed. E.
 rubellus, Moench. Stalked Bugle-weed. E. and C.
 Americanus, Muhl. American Bugle-weed. A.
 Europaeus, L. European Bugle-weed. E.
MENTHA spicata, L. Spearmint. C. and W.
 piperita, L. Peppermint. A.
 rotundifolia (L.), Huds. Round-leaved Mint. A.
 aquatica, L. Water Mint. E. and C.
 arvensis, L. Corn Mint. E. and C.
 Canadensis, L. American Wild Mint. C.
COLLINSONIA Canadensis, L. Horse-balm. A.
 punctata Gray. Horse balm. E.
 scabriuscula, Ait. Horse-balm. C.
 anisata, Pursh. Horse-balm. E. and C.
HYPTIS radiata, Willd. Hyptis. E. and C.
MACBRIDEA pulchra, Ell. Macbridea. E.

Order 98.

PLANTAGINACEAE. PLANTAIN FAMILY.

- PLANTAGO** major, L. Common Plantain. A.
 . Rugellii, Dec. Rugel's Plantain. A.
 lanceolata, L. Snake Plantain. A.
 sparsiflora, Michx. Southern Plantain. E. and C.
 cordata, Lam. Water Plantain. E. and C.
 aristata, Michx. Large-bracted Plantain. E. and C.
 Virginica, L. Dwarf Plantain. A.
 pusilla, Nutt. Slender Plantain. E.
 heterophylla, Nutt. Many-seeded Plantain. E. and C.

Order 99.

ARISTOLOCHIACEAE. BITTERWORT FAMILY.

- ✓ **ASARUM** Canadense, L. Wild Ginger. W.
 reflexum, Bricknell. Wild Ginger. W.
 ✓ Virginicum, L. Heart-leaf. A.
 Virginicum grandiflorum, L. Heart-leaf. W.
 macranthum (Shuttle), Small. Large heart-leaf. W.
 arifolium, Michx. Halberd-leaf Heart-leaf.
ARISTOLOCHIA Serpentaria, L. Virginia Snakeroot. A.
 Sipho, L'Her. Dutchman's Pipe. W.
 tomentosa, Sims. Woolly Pipe-vine. W.

Order 100.

PHYTOLACCACEAE. POKEWEEED FAMILY.

- PHYTOLACCA** decandra, L. Pokeweed. A.

Order 101.

AMARANTACEAE. AMARANTH FAMILY.

- AMARANTHUS** retroflexus, L. Rough Pigweed. A.
 hybridus, L. Slender Pigweed. A.
 paniculatus, L. Panicked Pigweed. A.
 spinosus, L. Spring Pigweed. A.
 albus, L. Tumble-weed. A.
 lividus, L. Purplish Amaranth. A.
 deflexus, L. Low Amaranth. A.
 pumilus, Raf. Coast Amaranth. E.
ACNIDA cannabina, L. Salt Water-hemp. E.
 resocarpa, Michx. Salt Water-hemp. E.

Order 102.

CHENOPODIACEAE. GOOSEFOOT FAMILY.

- CHENOPODIUM** album, L. Lamb's Quarters. A.
 album viride (L.) Moq. Green Quarters. A.
 glaucum, L. Oak-leaved Goosefoot. A.
 Boscianum, Moq. Bosc's Goosefoot. A.

- CHENOPODIUM murale, L. Nettle-leaved Goosefoot. A.
 ambrosioides, L. Mexican Tea. E. and C.
 anthelminticum, L. Wormseed. A.
 multifidum, L. Cut-leaved Goosefoot. E
- ATRIPLEX hastata, L. Halberd leaved Orache. E.
 arenaria, Nutt. Sea-beach Orache. E.
- SALICORNIA herbacea, L. Slender Samphire. E.
 Bigelovii, Tow. Bigelow's Samphire. E.
 ambigua, Michx. Woody Samphire. E.
- SUAEDA linearis, Moq. Sea Blite. E.
- SALSOLA kali, L. Saltwort. E.

Order 103.

POLYGONACEAE. BUCKWHEAT FAMILY.

- RUMEX Acetosella, L. Sheep Sorrel A.
 hastatus, Muhl. Engelmann's Sorrell. E.
 salicifolius, Wein. Willow leaved Dock. E.
 verticillatus, L. Swamp Dock. E.
 crispus, L. Yellow Dock. A.
 conglomeratus, Murr. Small Green Dock C.
 sanguineus, L. Red-veined Dock. E.
 pulcher, L. Fiddle Dock. E.
 obtusifolius, L. Bitter Dock. A.
 persicarioides, L. Golden Dock. E.
- FAGOPYRUM esculentum, Moluch. Buckwheat. W.
- POLYGONUM emersum (Michx.), Britton Swamp Persicaria. A.
 incarnatum, Ell. Pink Persicaria. C.
 Pennsylvanicum, L. Pennsylvania Persicaria. C.
 Persicaria, L. Lady's Thumb. A.
 setaceum, Baldw. Bristly Persicaria. W.
 hydropiperoides, Michx. Wild Water Pepper. A.
 Hydropiper, L. Smart-weed. A.
 punctatum, Ell. Water Smart-weed. C.
 punctatum robustior, Small. Water Smart-weed. E.
 orientale, L. Prince's Feather. C.
 Virginianum, L. Virginia Knot-weed. W.
 aviculare, L. Door-weed. A.
 maritimum, L. Seaside Knot-weed. E.
 tenue, Michx. Slender Knot-weed. W.
 Convoloulus, L. Black Bind-weed. A.
 cilinode, Michx. Fringed Bind-weed. W.
 scandens, L. Climbing False Buckwheat. A.
 cristatum, E. & G. Crested False Buckwheat. A.
 sagittatum, L. Arrow-leaved Tear thumb. C. and W.
 arifolium, L. Halberd leaved Tear-Thumb. E. and C.
 hirsutum, Walt. Hairy Knot-weed. E.
- POLYGONELLA parvifolia, Michx. Coast Joint-weed. E.
 articulata (L.), Meisn. Joint-weed. E.

Order 104.

LAURACEAE. LAUREL FAMILY.

- ✓ *PERSEA* *Carolinensis*, Nees. Red Bay. E.
pubescens (Parsh), Sarg. Swamp Bay. E.
 ✓ *SASSAFRAS officinale*, Nees. Sassafras. A.
LITSEA geniculata, B & A. Pond Spice. E.
 ✓ *LINDERA Benzoin*, Blume. Spice-wood. A.
melissaefolia, Blume. Hairy Spice-wood. A.

Order 105.

THYMELEACEAE. MEZEREUM FAMILY.

- ✓ *DIRCA palustris*, L. Leather-wood. E. and C.

Order 106.

SANTALACEAE. SANDALWOOD FAMILY.

- COMANDRA umbellata* (L.). Bastard Toad flax. A.
DARBYA umbellulata, Gray. Darbya. C.
 ✓ *PYRULARIA oleifera*, Gray. Oil Nut. C. and W.
BUCKLEYA distichophylla, Torr. Buckleya. W.

Order 107.

LORANTHACEAE MISTLETOE FAMILY.

- ✓ *PHORADENDRON flavescens*, Nutt. Mistletoe. A.

Order 108.

SAURURACEAE. LIZARD'S TAIL FAMILY.

- SAURURUS cernuus*, L. Lizard's-tail. A.

Order 109.

CERATOPHYLLACEAE. HORNWORT FAMILY.

- CERATOPHYLLUM demersum*, L. Hornwort. E. and C.

Order 110.

CALLITRICHACEAE. WATER STARWORT FAMILY.

- CALLITRICHE palustris*, L. Water Fennel. E. and C.
heterophylla, Parsh. Larger Water Fennel. E. and C.

Order 111.

PODOSTEMACEAE. RIVER WEED FAMILY.

- PODOSTEMON Ceratophyllum*, Michx. River-weed. E. and C.

Order 112.

EUPHORBACEAE. SPURGE FAMILY.

- ✓ *PHYLLANTHUS Carolinensis*, Walt. Carolina Phyllanthus. C.
CROTON glandulosus, L. Glandular. Croton. C.
capitatus, Michx. Capitulate Croton. W.
monanthogynus, Michx. Single-fruited Croton. C.

- CROTONOPSIS linearis, Michx. Crotonopsis. C.
 ACALYPHA ostryaefolia, Ridd. Hornbeam Mercury. C.
 virginica, L. Virginia Mercury. A.
 gracilis, Gray. Slender Mercury. C.
 TRAGIA urens, L. E-stera Tragia. W.
 macrocarpa, Wild. Twining Tragia. C.
 RICINUS communis, L. Castor-oil Plant. A.
 JATROPA stimulosa, Michx. Spurge Nettle. A.
 STILLINGIA sylvatica, L. Queen's Delight. E. and C.
 EUPHORBIA polygonifolia, L. Seaside Spurge. E.
 maculata, L. Spotted Spurge. A.
 hypericifolia, Gray. Large Spotted Spurge. A.
 corollata, L. Flowering Spurge. A.
 corollata angustifolia, Edl. Flowering Spurge. A.
 marginata, Pursh. White-margined Spurge. C. W.
 dentata, Michx. Toothed Spurge. C.
 Ipecacuanhae, L. Ipecac Spurge. W.
 heterophylla, L. Various leaved Spurge. C.
 Lathyris, L. Caper Spurge. W.
 Darlingtonii, Gray. Darlington's Spurge. W.
 obtusata, Pursh. Blunt-leaved Spurge. E.
 commutata, Engelm. Tinted Spurge. C.
 ✓ Cyparissias, L. Cypress Spurge. E.

Order 113.

URTICACEAE. NETTLE FAMILY.

- URTICA dioica, L. Stinging Nettle. C. and W.
 gracilis, Ait. Slender Nettle. A.
 urens, L. Small Nettle. A.
 LAPORTEA Canadensis, Gand. Wood Nettle. A.
 PILEA pumila, Raf. Clearweed. A.
 BOEHMERIA cylindrica (L), Wild. False Nettle. A.
 PARIETARIA Pennsylvanica, Mull. Pellitory. A.
 debilis, Forst. Hairy Pellitory. E.

Order 114.

CANNABINACEAE. HEMP FAMILY.

- HUMULUS Lupulus, L. Hop. W.

Order 115.

MORACEAE. MULBERRY FAMILY.

- ✓ MORUS rubra, L. Red Mulberry. A.
 alba, L. White Mulberry. A.
 ✓ BROUSSONETIA papyrifera, Vent. Paper Mulberry. A.

Order 116.

ULMACEAE. ELM FAMILY.

- ✓ *ULMUS* *fulva*, Michx. Slippery Elm. A.
- ✓ *Americana*, L. American Elm. A.
- ✓ *alata*, Michx. Whahoo Elm. A.
- ✓ *PLANERA* *aquatica* (Walt.), Gmel. Water Elm. A.
- ✓ *CELTIS* *occidentalis*, L. Hackberry. A.
- occidentalis pumila*, Pursh. Rough-leaved Hackberry. A.
- ✓ *Mississippiensis*, Bosc. Southern Hackberry. A.

Order 117.

PLATANACEAE. PLANE-TREE FAMILY.

- ✓ *PLANTANUS* *occidentalis*, L. Sycamore. A.

Order 118.

JUGLANDACEAE. WALNUT FAMILY.

- ✓ *JUGLANS* *nigra*, L. Black Walnut. A.
- ✓ *cinerea*, L. White Walnut. C. and W.
- ✓ *CARYA* *amara*, Nutt. Swamp Hickory. C. and W.
- aquatica*, Nutt. Water Hickory. E. and C.
- ✓ *alba*, Nutt. Shell bark Hickory. A.
- tomentosa*, Nutt. White-heart Hickory C. and W.
- microcarpa*, Nutt. Small fruited Hickory. W.
- porcina*, Nutt. Pig-nut Hickory. C.
- sulcata*, Nutt. Shag-bark Hickory. C.
- Carolinæ*—*septentrionalis*, Ashe. Southern Shag-bark Hickory. C.
- villosa* (Sarg), Ashe. Scurfy Hickory. C.
- villosa pallida*, Ashe. Scurfy Hickory. C.
- glabra hirsuta*, Ashe. Hickory. W.

Order 119.

CUPULIFERAE. OAK FAMILY.

- ✓ *FAGUS* *ferruginea*. Ait. American Beech. A.
- ✓ *CASTANEA* *vesca*, L. American Chestnut. C. and W.
- pumila*, Mill. Chinquapin. A.
- pumila nana*, Muhl. Larger Chinquapin. C. and W.
- ✓ *CORYLUS* *Americana*, Walt. Hazel-nut. C. and W.
- rostrata*, Ait. Baked Hazel-nut. C. and W.
- ✓ *CARPINUS* *Americana*, Michx. Hornbeam. A.
- ✓ *OSTRYA* *Virginica*, Willd. Iron-wood. A.
- ✓ *QUERCUS* *Phellos*, L. Willow Oak. A.
- ✓ *laurifolia*, Michx. Laurel Oak. E. and C.
- ✓ *inbricaria*, Michx. Shingle Oak. W.
- einerea*, Michx. High-ground Willow Oak. E.
- ✓ *aquatica*, Catesb. Water Oak. A.
- ✓ *nigra*, L. Black-Jack Oak. A.

- ✓ *QUERCUS Catesbaei*, Michx. Tarkey Oak. E.
- ✓ *coccinea*, Waug. Scarlet Oak. A.
- ✓ *velutina*, Lam. Black Oak. A.
- ✓ *rubra*, L. Red Oak. A.
- ✓ *falcata*, Michx. Spanish Oak. A.
- ✓ *falcata pagodaefolia*, Ell. Spanish Oak. A.
- ✓ *ilicifolia*, Wang. Bear Oak. C. and W.
- ✓ *Rudkini*, Britton. Rudkin's Oak. C.
- ✓ *myrtifolia*, Willd. Myrtle Oak. E.
- ✓ *stellata*, Wang. Post Oak. A.
- ✓ *stellata parviflora*, Chap. Post Oak. E.
- ✓ *stellata margaretta*, Ashe. Post Oak. E.
- ✓ *alba*, L. White Oak. A.
- ✓ *lyrata*, Walt. Overcup Oak. E.
- ✓ *prinus*, L. Swamp Chestnut Oak. C.
- ✓ *Michauxii*, Nutt. Michaux's Oak. E.
- ✓ *bicolor*, Willd. Swamp White Oak. W.
- ✓ *Muhlenbergii*, Engelm. Chestnut Oak. C.
- ✓ *prinoides*, Willd. Chinquapin Oak. A.
- ✓ *Bladenborensis*, Ashe. Bladenboro Oak. E. and C.

Order 120.

MYRICACEAE. WAX-MYRTLE FAMILY.

- ✓ *MYRICA cerifera*, L. Wax-Myrtle. E.
- ✓ *cerifera pumila*, Michx. Wax-Myrtle. E.
- ✓ *Carolinensis*, Mill. Bay-berry. E.
- ✓ *COMPTONIA asplenifolia*, Gaert. Swelt Fern. C. and W.

Order 121.

BETULACEAE. BIRCH FAMILY.

- ✓ *BETULA nigra*, L. River Birch. A.
- ✓ *lenta*, L. Sweet Birch. W.
- ✓ *lutea*, Michx. f. Yellow Birch. W.
- ✓ *ALNUS viridis*, D. C. Mountain Alder. W.
- ✓ *serrulata*, Willd. Red Alder. A.

Order 122.

SALICACEAE. WILLOW FAMILY.

- ✓ *SALIX nigra*, Marsh. Black Willow. A.
- ✓ *nigra falcata*, Parsh. Narrow-leaved Willow. A.
- ✓ *Babylonica*, L. Weeping Willow. C.
- ✓ *purpurea*, L. Purple Willow. E.
- ✓ *humilis*, Marsh. Prairie Willow. A.
- ✓ *tristis*, Ait. Sage Willow. A.
- ✓ *discolor*, Muhl. Hairy Willow. E.
- ✓ *POPULUS albus*, L. White Poplar. A.
- ✓ *balsamifera*, L. Balsam Poplar. C. and W.

POPULUS balsamifera candidans (Ait.), Gray. Balm of Gilead. C. and W.

heterophylla, L. Downy Poplar. E. and C.

grandidentata, Michx. Large-toothed Aspen. W.

angulatus, Ait. Cottonwood. E. and C.

monilifera, Ait. E. and C.

Order 123.

PINACEAE. PINE FAMILY.

- ✓ PINUS pungens, Michx. Table-Mountain Pine. C.
- inops, Ait. Jersey or Scrub Pine. A.
- ✓ mitis, Michx. Short-leaved Pine. A.
- rigida, Miller. Pitch Pine. E. and C.
- ✓ Taeda, L. Loblolly Pine. E. and C.
- ✓ australis, Michx. Long leaved Pine. E.
- ✓ Strobis, L. White Pine. W.
- Cubensis, Griseb. Pine. E.
- ✓ ABIES Fraseri, Pursh. Fraser's Balsam Fir. W.
- ✓ TSUGA Canadensis (L.), Carr. Hemlock. W.
- Caroliniana, Engelm. Carolina Hemlock. W.
- ✓ PICEA nigra, Link. Black Spruce. W.
- ✓ alba, Link. White Spruce. W.
- ✓ JUNIPERUS Virginiana, L. Red Cedar. A.
- communis, L. Common Juniper. E.
- ✓ TAXODUM distichum, Rich. Bald Cypress. E.
- ✓ THUJA occidentalis, L. Arbor Vitae. W.
- ✓ CHAMAECYPARIS thyoides (L), B. S. P. White Cedar. E.
- ✓ TAXUS minor (Michx.), Britton. American Yew. W.

Class II—Endogenous Plants.

Order 124.

PALMAE. PALM FAMILY.

- ✓ SABAL Palmetto, R. & S. Cabbage Palmetto. E.
- ✓ Adansonii, Guerns. Dwarf Palmetto. E.

Order 125.

ARACEAE. ARUM FAMILY.

- ARISAEMA triphyllum (L.), Torr. Indian Turnip. A.
- Dracontium (L.), Schoot. Green Dragon. A.
- polymorphum, Small. Dragon. W.
- PELTANDRA undulata, Raf. Green Arrow-arum. A.
- alba, Raf. White Arrow-arum. E.

Order 126.

LEMNACEAE. DUCKWEED FAMILY.

- LEMNA polyrhiza, L. Greater Duckweed. E
 trisulca, L. Star Duckweed. W.
 Valdiviana, Phil. Valdivia Duckweed. E.
 minor, L. Lesser Duckweed. E.
 WOLFFIA Columbiana, Karst. Wolffia. E.

Order 127.

TYPHACEAE. CAT TAIL FAMILY.

- ✓TYPHA latifolia, L. Broad-leaved Cat-tail. A.
 angustifolia, L. Narrow-leaved Cat-tail. E.
 SPARGANIUM eurycarpum, Engelm. Bur-reed. C.
 androcladum, Engelm. Branching Bur-reed. E. and C.

Order 128.

NAIADACEAE. PONDWEED FAMILY.

- POTAMOGETON natans, L. Floating Pondweed. E. and C.
 pulcher, Tuck. Spotted Pondweed. A.
 Nutallii, C. & S. Nuttall's Pondweeds. E.
 lonchites, Tuck. Long-leaved Pondweed. E.
 lucens, L. Shining Pondweed. E.
 pusillus, L. Small Pondweed. E. and C.
 hybridus, Michx. Rafinesque Pondweed. E.
 pectinatus, L. Fennil-leaved Pondweed. E. and C.
 Pennsylvanicus, Cham. Pennsylvania Pondweed. E.
 and C.
 RUPPIA maritima, L. Ruppia. E.
 ZAUNICHELLIA palustris, L. Zaunichellia. E.
 NAIAS marina L. Large Naias. E.
 flexilis, Rost. Slender Naias. E.
 ZOSTERA marina, L. Eel-grass. E.

Order 129.

ALISMACEAE. WATER-PLANTAIN FAMILY.

- TRIGLOCHIN triandra, Michx. Three-ribbed Arrow-grass. E.
 ALISMA plantago, L. Water Plantain. A.
 tenellum, Mart. Dwarf Water Plantain. C.
 ECHINODORUS radicans, Engelm. Creeping Bur-head. A.
 rostratus, Engelm. Upright Bur-head. A.
 SAGITTARIA calcina, Engelm. Arrow head. C.
 latifolia, Willd. Broad-leaved Arrow-head. A.
 ✓latifolia pubescens, Muhl. Hairy Arrow-head. A.
 lancifolia, L. Lance-leaved Arrow head. E.
 teres, S. Wats. Slender Arrow-head. E.
 graminea, Michx. Grass Leaved Arrow-head. E.
 subulata, L. Subulate Arrow head. E.

Order 130.

VALLISNERIACEAE. TAPE-GRASS FAMILY.

- ELODEA Canadensis, Michx. Water Thyme. W.
 VALLISNERIA spiralis, L. Tape Grass. E.
 LIMNOBIUM Spongia, Richard. Frog's-bit E.

Order 131.

BURMANNIACEAE. BURMANNIA FAMILY

- BURMANNIA biflora, L. Northern Burmannia. E.
 capitata, Chapm. Southern Burmannia. E.

Order 132.

ORCHIDACEAE. ORCHID FAMILY.

- CYPRIPEDIUM acaule, Ait. Stemless Ladies Slipper. C. and W.
 pubescens, Willd. Yellow Ladies Slipper. C. and W.
 parviflorum, Salisb. Small Yellow Ladies Slipper.
 C. and W.
 spectabile, Salisb. Showy Ladies Slipper. W.
 ORCHIS spectabilis, L. Showy Orchis. C. and W.
 HABENARIA orbiculata, Torr. Large Round-leaved Orchis. W.
 nivola, Spreng. Small White Orchis. E.
 integra, Spreng. Small Yellow Orchis. E.
 bractiata, R. Br. Long bracted Orchis. W.
 clavellata, Spreng. Green Wood Orchis. W.
 flava, Gray. Pale Green Orchis. E.
 cristata, R. Br. Crested Yellow Orchis. C. and W.
 ciliata, R. Br. Yellow Fringed Orchis. E. and C.
 fimbriata, Gray. Purple Fringed Orchis. E. and C.
 psycodes, Gray. Small Purple Fringed Orchis. W.
 blephariglottis, Torr. White Fringed Orchis. W.
 blephariglottis holopetala, Gray. White Fringed Or-
 chis. W.
 peramoena, Gray. Fringeless Purple Orchis. W.
 ✓ POGONIA ophioglossoides, Ker. Rose Pogonia. A.
 trianthoghora, B. S. P. Nodding Pogonia. W.
 divaricata, R. Br. Spreading Pogonia. W.
 verticillata, Nutt. Whorled Pogonia. A.
 ARETHUSA bulbosa, L. Arethusa. W.
 SPIRANTHES cernua, Rich. Nodding Ladies' Tresses. A.
 odorata, Lindl. Fragrant Ladies' Tresses. C. and W.
 praecox, Kuntze. Grass-like Ladies' Tresses. E.
 gracilis, Beck. Slender Ladies' Tresses. W.
 LISTERA convallarioides, Torr. Twayblade. W.
 australis, Lindl. Southern Twayblade. E.
 GOODYERA repens, R. Br. Netleaf Plantain. W.
 pubescens, R. Br. Netleaf Plantain. A.
 MICROSTYLIS ophioglossioides, Nuet. Adder's-mouth. E.

- LIPARIS liliifolia, Rich. Twayblade. W.
 CORALLORHIZA odontorhiza, Nutt. Crawley-root. C. and W.
 Wisteriana, Conrad. Coral-root. C.
 multiflora, Nutt. Large Coral-root. C. and W.
 TIPULARIA discolor, B. S. P. Crane-fly Orchis. C.
 CALAPOGON pulchellus, R. Br. Grass-pink. E. and C.
 pallidus, Chapm. Grass-pink. E.
 parviflorus, Lindl. Grass Pink. E.
 BLETIA aphylla, Nutt. Crested Crawley. A.
 APLECTRUM hyemale, Nutt. Adam and Eve. A.
 PONTHEVA glandulosa, R. Br. Ponthieva. E.

Order 133.

AMARYLLIDACEAE. AMARYLLIS FAMILY.

- ✓ AMARYLLIS Atamasco, L. Atamasco Lily. E. and C.
 ✓ HYMENOCALLIS lacera, Salisb. Spider Lily. E.
 AGAVE Virginiana, L. False Aloe. E. and C.
 HYPOXIS erecta, L. Star-grass. A.
 juncea, Smith. Star-grass. E.

Order 134.

HAEMODORACEAE. BLOODWORT FAMILY.

- LOPHIOLA aurea, Ker. Laphiola. E.
 ALETRIS farinosa, L. White Colic-root. A.
 aurea, Walt. Yellow Colic-root. A.
 LACHNANTHES tinctoria, Ell. Red-root. E.

Order 135.

BROMELIACEAE. PINE APPLE FAMILY.

- ✓ TILLANDSIA usneoides, L. Florida Moss. E.

Order 136.

IRIDACEAE. IRIS FAMILY.

- ✓ IRIS versicolor, L. Blue Flag. A.
 Caroliniana, Watson. Carolina Blue Flag. E.
 tripetala, Walt. Blue Flag. E.
 Virginica, L. Virginia Blue Flag. E. and C.
 ✓ verna, L. Dwarf Blue Flag. A.
 cristata, Ait. Dwarf Iris. W.
 Germanica, L. Fleur-de-lis. C.
 ✓ IXIA Chinensis, L. Blackberry Lily. C. and W.
 ✓ SISYRINCHIUM anceps, S. Wats. Blue-eyed Grass. E. and C.
 Atlanticum, Bicknell. Eastern Blue-eyed Grass. E.
 ✓ angustifolium, Mill. Pointed Blue-eyed Grass. A.
 Carolinianum, Bicknell. Carolina Blue-eyed Grass. W.
 ✓ rufipes, Bicknell. Blue-eyed Grass. E. and C.
 scabrellum, Bicknell. Blue-eyed Grass. W.

Order 137.

DIOSCOREACEAE. YAM FAMILY.

✓ *DIOSCOREA villosa*, L. Wild Yam. A.

Order 138.

SMILACEAE. SMILAX FAMILY.

- ✓ *SMILAX herbacea*, L. Carrion-flower. A.
tamniifolia, Michx. Halberd-leaved Smilax. E. and C.
ecirrhata, Wats. Upright Smilax. E. and C.
glauca, Walt. Glaucons Smilax. A.
rotundifolia, L. Horsebriar Smilax. A.
rotundifolia crenulata, Small. Horsebriar Smilax. W.
hispida, Muhl. Hispid Smilax. C.
Pseudo China, L. Long-stalked Smilax.
Bona-nox, L. Bristly Smilax. W.
 ✓ *laurifolia*, L. Laurel-leaved Smilax. E. and C.
 ✓ *Walteri*, Pur-t. Walter's Smilax. E.
lanceolata, L. Lance leaved Smilax. E. and C.
auriculata, Walt. Fragrant Smilax. E.
pedunculata, Muhl. Smilax. A.
- ✓ *TRILLIUM sessile*, L. Wake-robin. C. and W.
grandiflorum, Salisb. Large Wake-robin. W.
 ✓ *erectum*, L. Beth-root. A.
cernuum, L. Nodding Beth-root. A.
erythrocarpum, Michx. Painted Beth-root. A.
pusillum, Michx. Pink Beth root. E.
stylosum, Nutt. Rose Beth root. W.
- MEDEOLA Virginiana*, L. Indian Cucumber-root. A.

Order 139.

LILIACEAE. LILY FAMILY.

- ✓ *POLYGONATUM biflorum*, Ell. Hairy Solomon's Seal. A.
gigantum, Diet. Smooth Solomon's Seal. A.
- ✓ *SMILACENIA racemosa*, L. Large Solomon's Seal. A.
bifolia, Ker. Mountain Solomon's Seal. W.
stellata, L. Star-flowered Solomon's Seal. C.
- ✓ *CONVALLARIA majalis*, L. Lily of-the-Valley. W.
- CLINTONIA borealis*, Raf. Yellow Clintonia. W.
umbellata, Torr. White Clintonia. C. and W.
- ALLIUM tricoccum*, Ait. Wild Leek. W.
cernuum, Roth. Nodding Wild Onion. W.
vineale, L. Wild Garlic. C.
Canadense, L. Meadow Garlic. A.
 ✓ *mutabile*, Michx. Wild Onion. A.
striatum, Jacq. Yellow False Garlic. E.
- CAMASSIA Fraseri*, Torr. Wild Hyacinth. W.
- ERYTHRONIUM Americanum*, Smith. Dog's tooth Violet. W.
albidum, Nutt. Dog's-tooth Violet. W.

- ✓ *LILIUM Philadelphicum*, L. Philadelphia Lily. W.
 Catesbaei, Walt. Southern Red Lily. E.
 Canadense, L. Wild Yellow Lily. C. and W.
 superbum, L. Turk's Cap Lily. W.
 Grayi, S. Wats. Asa Gray's Lily.
 ✓ *Carolinianum*, Michx. Carolina Lily. A.
 Masseyi, C. W. Hyams. Massey's Lily. W.
 ✓ *YUCCA filamentosa*, L. Christmas-bells. C and W.
 gloriosa, L. Bear-grass. E.
 aloifolia, L. Bear-grass. E.
 ✓ *ORNITHOGALUM umbellatum*, L. Star of-Bethlehem. A.
 ✓ *MUSCARI botryoides*, Mill. Grape Hyacinth. C.
 ✓ *ASPARAGUS officinalis*, L. Asparagus. A.
 ✓ *HEMEROCAULIS fulva*, L. Day Lily. W.
 flava, L. Yellow Day Lilly. C. and W.

Order 140.

MELANTHACEAE. BUNCH FLOWER FAMILY.

- TOFIELDIA glutinosa*, Pers. Glutinous Tofieldia. W.
 pubens, Michx. Viscid Tofieldia. E.
 glabra, Nutt. White Tofieldia. E.
XEROPHYLLUM asphodeloides, Nutt. Turkey-beard. W.
 setifolium, Small. Turkey-beard. W.
CHAMAELIRIUM luteum, Gray. Star-root. A.
AMIANthemum muscaetoxicum, Gray. Fly-poison. A.
 angustifolium, Gray. Fly poison, E.
STENANTHIUM gramineum, Morong. Stenanthium. W.
ZYGADENUS glaberrimus, Michx. Zygadenus. E.
 leimanthoides, S. Wats. Pine-barren Zygadenus. W.
MELANTHIUM Virgincicum, L. Bunch-flower. E. and C.
 latifolium, Desr. Crisped Bunch-flower. C. and W.
 parviflorum, S. Wats. Small Bunch-flower. W.
VERATRUM viridi, Ait. White Hellebore. W.
UVULARIA perfoliata, L. Perfoliate Bellwort. A.
 sessilifolia, L. Sessile Bellwort. A.
 puberula, Michx. Mountain Bellwort.
STREPTOPUS amplexifolius, D. C. Twisted-stalk. C. and W.
 roseus, Michx. Sessile Twisted-stalk. W.
PROSARTES lanuginosa, Don. Hairy Disporum. W.
 maculata, Buckley. Mountain Disporum. W.
PLEEA tenuifolia, Michx. Pleea. E.

Order 141.

JUNCACEAE. RUSH FAMILY.

- LUZULA campestris*, D. C. Common Wood Rush. A.
 pilosa, Willd. Hairy Wood Rush. W.
JUNCUS effusus, L. Common Rush. A.
 Roemerianus, Scheele. Roemer's Rush. E.

- JUNCUS** *bufonius*, L. Toad Rush. A.
Gerardi, Loisel. Black Rush.
tenuis, Willd. Slender Rush. A.
secundus, Beauv. Secund Rush. E. and C.
dichotomus, Ell. Forked Rush. E.
setaceus, Rostk. Awl-leaved Rush. E.
marginatus, Rostk. Grass-leaved Rush. A.
repens, Michx. Creeping Rush. A.
brachycarpus, Engelm. Short-fruited Rush. C.
polyccephalus, Michx. Many-headed Rush. E.
scirpoides, Lam. Scripus like Rush. E. and C.
megacephalus, Curtis. Carolina Rush. A.
Canadensis, Gay. Canada Rush. A.
Canadensis subcaudatus, Engelm. Canada Rush. A.
Canadensis longicaudatus, Engelm. Canada Rush. A.
acuminatus, Michx. Sharp-fruited Rush. A.
acuminatus debilis, Engelm. Sharp-fruited Rush. A.
Elliottii, Chapm. Elliott's Rush. E.
caudatus, Chapm. Rigid Rush. E.
asper, Engelm. Rush. C. and W.

Order 142.

PONTEDERIACEAE. PICKEREL-WEED FAMILY.

- PONTEDERIA** *cordata*, L. Pickerel-weed. C. and W.
cordata lanifolia, Morong. Narrow Pickerel-weed. C.
HETERANTHERA *reniformis*, R. & P. Mud Plantain. A.
graminea, Vahl. Water Star-grass. E.

Order 143.

COMMELYNACEAE. SPIDERWORT FAMILY.

- COMMELYNA** *nudiflora*, L. Creeping Day flower. E.
Virginica, L. Virginia Day-flower. A.
hirtella, Vahl. Bearded Day flower. E. and C.
erecta, L. Slender Day-flower. E.
TRADESCANTIA *Virginica*, L. Spiderwort. A.
pilosa, Lehm. Zigzag Spiderwort. A.
rosea, Vent. Roseate Spiderwort. E.

Order 144.

MAYACACEAE. MAYACA FAMILY.

- MAYACA** *Michauxii*, S. & E. Mayaca. E.

Order 145.

XYRIDACEAE. YELLOW EYED GRASS FAMILY.

- XYRIS** *flexuosa*, Muhl. Slender Yellow-eyed Grass. A.
difformis, Chapm. Southern Yellow-eyed Grass. E.
Caroliniana, Walt. Carolina Yellow-eyed Grass. E.

- XYRIS fimbriata*, Ell. Fringed Yellow-eyed Grass. E.
torta, Smith. Twisted Yellow-eyed Grass. E. and C.
brevifolia, Michx. Pine-barren Yellow-eyed Grass. E.
ambigua, Beyr. Rigid Yellow-eyed Grass. E.
Baldwiniana, R. & S. Baldwin's Yellow-eyed Grass. E.

Order 146.

ERIOCAULONACEAE. PIPEWORT FAMILY.

- ERIOCAULON decangulare*, L. Ten-angled Ripewort. A.
gnaphalodes, Michx. Flattened Ripewort. A.
PAEPALANTHUS flavidulus, Kunth. Paepalanthus. E
LACHNOCAULON Michauxii, Kunt. Hairy Pipewort. E. and C.

Order 147.

CYPERACEAE. SEDGE FAMILY.

- ✓ *CYPERUS flavescens*, L. Yellow Cyperus. A.
diandrus, Torr. Low Cyperus. A.
rivularis, Kunth. Shining Cyperus. C. and W.
microdontus, Torr. Coast Cyperus. E.
flavicomus, Michx. Elegant Cyperus. E. and C.
inflexus, Muhl. Awned Cyperus. E. and C.
compressus, L. Flat Cyperus. A.
calcaratus, Nees. Marsh Cyperus. E.
Haspan, L. Sheathed Cyperus. E.
dentatus, Torr. Toothed Cyperus. C.
rotundus, L. Nut grass Cyperus. A.
 ✓ *esculentus*, L. Yellow Nut grass Cyperus. A.
esculentus angustispicatus, Britton. Yellow Nut-grass
 Cyperus. A.
erythrorhizos, Muhl. Red-rooted Cyperus. C.
speciosus, Vahl. Michaux's Cyperus. E.
strigosus, L. Straw-colored Cyperus. A.
strigosus capitatus, Boeckl. Straw-colored Cyperus. A.
strigosus robustior, Kunth. Straw colored Cyperus. A.
refractus, Engelm. R-flexed Cyperus. W.
retrofractus (L.), Torr. Rough Cyperus. A.
Lancastriensis, Porter. Lancaster Cyperus. A.
cylindricus, Ell. Pine barren Cyperus. E.
ovularis, Torr. Globose Cyperus. C.
filiculmis, Vahl. Slender Cyperus. C.
Grayi, Torr. Gray's Cyperus. E.
echinatus, Wood. Baldwin's Cyperus. A.
polystachyus, Roth. E. and C.
stenolepis, Torr. E. and C.
tetragonus, Ell. L.
distans, L. E. and C.
virens, Michx. Cyperus. E.

- KYLLINGIA** *pumila*, Michx. Kyllingia. E and C.
DULICHIMUM *spathaceum*, Rich. Dulichium. E. and C.
HEMICARPA *sub-quarrosa*, Nees. Hemicarpa. E. and C.
LIPOCARPA *maculata*, Torr. Lipocarpa. E.
FUIRENA *squarrosa*, Michx. Squarrose Fuirena. E.
 hispida, Ell. Hispid Fuirena. E.
ELEOCHARIS *equisetoides*, Torr. Knotted Spike rush.
 quadrangulata, R. & S. Quadrangular Spike-rush.
 ochreatea, Steud. Pale Spike rush. E.
 olivacea, Torr. Bright-green Spike-rush. E.
 capitata, R. Br. Capitulate Spike-rush. E. and C.
 palustris, R. Br. Creeping Spike rush. E. and C.
 acicularis, R. & S. Needle Spike rush. E. and C.
 tortilis, Schultes. Twisted Spike-rush. E.
 tuberculosa, R. and S. Tubercled Spike-rush. E.
 microcarpa, Torr. Small-fruited Spike-rush. E.
 melancarpa, Torr. Black-fruited Spike rush. E.
 albida, Torr. White Spike rush. E.
 tricostata, Torr. Three-ribbed Spike-rush. E. and C.
 tenuis, Schultes. Slender Spike-rush. E.
 acuminata, Nees. Flat-stemmed Spike-rush. E.
 rostella, Torr. Beaked Spike rush. E. and C.
 prolifera, Torr. Spike-rush. C.
 pygmaea, Torr. Spike-rush. E.
SCIRPUS *caespitosus*, L. Tufted Club ru-h. W.
 Clintoni, Gray. Clinton's Club-rush
 debilis, Pursh. Weak-stemmed Club-rush. E. and C.
 pungens, Vahl. Three-square Club-rush. C.
 Olneyi, Gray. Olney's Bulrush. C.
 leptolepis, Chapm. Canby's Bulrush. E.
 lacustris, L. Great Bulrush. A.
 sylvaticus, L. Wood Bulrush. A.
 atrovirens, Muhl. Dark-green Bulru-h. C and W.
 polyphyllus, Vahl. Leafy Bulrush. C.
ERIOPHORUM *Virginicum*, L. Virginia Cotton-grass. E.
FIMBRISTYLIS *spadicea*, Vahl. Stiff Fimbristylis. E.
 spadicea puberula, Chapm. Fimbristylis. E.
 castanea, Vahl. Marsh Fimbristylis. E.
 laxa, Vahl. Weak Fimbristylis. A.
 VahlII, Link. Vahl's Fimbristylis. W.
 autumnalis, R. & S. Slender Fimbristylis. A.
ISOLEPIS *capillaris*, R. & S. Isolepis. E.
 ciliatifolia, Torr. Isolepis. E.
 stenophylla, Torr. Isolepis. E.
RHYNCHOSPORA *corniculata*, Gray. Horned Rush. E.
 corniculata macrosachya (Torr), Britton. E.
 pallida, Curtis. Pale Beaked-rush. E.
 oligantha, Gray. Few-flowered Beaked-rush. E.
 and C.

- RHYNCHOSPORA** *alba* (L.), Vahl. White Beaked-rush. A.
glomerata (L.), Vahl. Clustered Beak-rush. E. and C.
glomerata paniculata (Gray), Chapm. Clustered Beak-rush. E. and C.
glomerata discutiens, Clarke. Clustered Beaked-rush. E. and C.
cephalantha, Gray. Capitati Beaked-rush. C.
gracilentia, Gray. Slender Beaked-rush. E.
cymosa, Ell. Grass like Beaked-rush. E. and C.
Torreyana, Gray. Torrey's Beaked-rush. E.
inexpansa (Michx.), Vahl. Nodding Beaked-rush. A.
plumosa, Ell. Beaked-rush. E.
microcarpa, Baldw. Beaked-rush. C.
miliacea, Gray. Beaked-rush. E. and C.
Grayii, Kunth. Gray's Beaked-rush. E.
megalocarpa, Gray. Beaked-rush. E.
ciliata, Vahl. Beaked-rush. E.
facicularis, Nutt. Beaked-rush. E.
fuscoides, Bolkl. Beaked-rush. E.
filifolia, Gray. Beaked-rush. E.
- PSILOCARYA** *nitens* (Vahl.), Wood. Short-beaked Bald-rush. E.
- DICHROMENA** *Leucophala*, Michx. Narrow-leaved Dichromena. E.
latifolia, Baldw. Broad-leaved Dichromena. E.
- CLADIUM** *mariscoides*, Torr. Twig-rush. A.
effusum, Torr. Saw-grass. A.
- SCLERIA** *oligantha*, Michx. Few-flowered Nut-rush. E.
triglomerata, Michx. Tall Nut-rush. E. and C.
veticularis, Michx. Reticulated Nut-rush. E.
veticularis pubescens, Britton. Pubescent Nut-rush. E.
veticularis obscura, Britton. Obscure Nut-rush.
Torreyana, Walp. Torrey's Nut-rush. E.
pauciflora, Muhl. Papillose Nut-rush. E.
verticillata, Muhl. Low Nut-rush. E. and C.
Elliottii, Chapm. Elliott's Nut-rush. E.
- CAREX** *Collinsii*, Nutt. Collins' Sedge. E.
intumescens, Rudge. Bladder Sedge. E. and C.
Asa Grayi, Bailey. Gray's Sedge. E. and C.
grandis, Bailey. Large Sedge. C.
bullata, Schk. Button Sedge. A.
lurida, Vahl. Sallow Sedge. E. and C.
lurida flaccida, Bailey. Sallow Sedge. C.
Frankii, Knutt. Frank's Sedge. E.
squarrosa, L. Squarrose Sedge. E.
typhinoides, Schwein. Cat-tail Sedge. E. and C.
scabrata, Schwein. Rough Sedge. W.
vestita, Willd. Velvet Sedge. C.
Walteriana, Bailey. Walter's Sedge. E.
torta, Boott. Twisted Sedge. C. and W.

- CAREX* *prasina*, Wahl. Drooping Sedge. W.
littoralis, Schwein. Barratt's Sedge. E.
gynandra, Schwein. Nodding Sedge. W.
virescens, Muhl. Downy Green Sedge. C. and W.
Costellata, Britton. Ribbed Sedge. W.
triceps, Michx. Hirsute Sedge. C. and W.
Caroliniana, Schwein. Carolina Sedge. C.
gracillima, Schwein. Graceful Sedge. C.
aestivalis, Curtis. Summer Sedge. W.
tenuis Rudge. Slender-stalked Sedge. W.
oblita, Steud. Dark-green Sedge. C.
grisea, Wahl. Gray Sedge. A.
amphibola, Steud. Narrow-leaved Sedge. C.
flaccosperma, Dewey. Thin-fruited Sedge. W.
polymorpha, Muhl. Variable Sedge. C and W.
tetanica, Schk. Wood's Sedge. E. and C.
Meadii, Dewey. Mead's Sedge. E.
laxiflora, Lam. Loose flowered Sedge. W.
laxiflora patulifolia, Carey. Sedge. W.
blanda, Dewey. Sedge. W.
styloflexa, Buckley. Bent Sedge. C.
digitalis, Willd. Wood Sedge. C. and W.
ptychocarpa, Steud. Thicket Sedge. C.
pedicellata (Dewey), Britton. Fibrous-rooted Sedge. W.
Pennsylvanica, Lam. Pennsylvania Sedge. W.
nigro—marginata Schwein. Black-edged Sedge. C.
Fraseri, Andr. Fraser's Sedge. W.
leptalea, Wahl. Bristle-stalked Sedge. W.
stipata, Muhl. Awl-fruited Sedge. C. and W.
vulpinoidea, Michx. Fox Sedge. C.
rosea, Schk. Stellati Sedge. C. and W.
rosea radiata, Dewey. Stellati Sedge. C. and W.
cephalophora, Muhl. Oval-headed Sedge. C.
Mitchelliana, Curtis. Mitchell's Sedge. C.
bromoides, Schk. Broom like Sedge. E.
decomposita, Muhl. Large-paniced Sedge. C.
retroflexa, Muhl. Reflexed Sedge. W.
tribuloides, Wahl. Blunt broom Sedge. W.
tribuloides Bebbii, Bailey. Blunt-broom Sedge. W.
straminea, Wild. Straw Sedge. W.
straminea foenea, Torr. Straw Sedge. W.
straminea mirabilis, Dewey. Straw Sedge. W.
alata, Torr. Broad-winged Sedge. E.
crinita, Lam. Fringed Sedge. A.
gynandra, Schwein. Nodding Sedge. E.
Willdenovii, Schk. Willdenow's Sedge. W.
fusca, All. Brown Sedge. W.
Davisii, S. & Torr. Davis' Sedge. W.

- CAREX conoidea*, Schk. Field Sedge. W.
oligocarpa, Schk. Few-fruited Sedge. W.
plantaginea, Lam. Plantain-leaved Sedge. W.
folliculata australis, Bailey. Follicled Sedge. E. and C.
oblita, Steud. Dark green Sedge. E.
juncea, Willd. Juncus Sedge. W.
verrucosa, Muhl. Glaucous Sedge. E.
turgescens, Torr. Chamrel leaved Sedge. E.
riparia, Curtis. River-bank Sedge. A.

Order 148.

GRAMINEAE. GRASS FAMILY.

- TRIPSACUM dactyloides*, L. Gama Grass. A.
 ✓ *ANTHOXANTHUM odoratum*, L. Sweet Vernal Grass. C.
ERIANTHUS alopecuroides (L.), Ell. Spiral-awned Beard Grass. A.
saccharoides, Michx. Plume Grass. E.
compactus, Nash. Contracted Plume Grass. E. and C.
brevibarbis, Michx. Short beared Plume Grass. A.
STIPA avenacea, L. Feather Grass. E.
MANISURIS rugosa, Kuntze. Wrinkled Manisuris. E.
granularis, Swartz. Manisuris. C.
ANDROPOGON scoparius, Michx. Broom Beard-grass. A.
argyraeus, Schultes. Silvery Beard-grass. A.
furcatus, Muhl. Forked Beard-grass. C.
Virginicus, L. Virginia Beard-grass. C.
glomeratus (Walt.), B. S. P. Bushy Beard-grass. E.
Elliattij, Chapm. Elliott's Beard-grass. C.
CHRYSOPOGON avenaceus (Michx.), Benth. Indian Grass. A.
SORGHUM Halopense (L.), Pers. Johnson-grass. A.
NAZIA raceniosa (L.), Kuntze. Prickle grass. E.
 ✓ *PASPALUM mucronatum*, Muhl. Water Paspalum. E. and C.
racemulosum, Nutt. C.
membranaceum, Walt. Walter's Paspalum. E.
purpurascens, Ell. C.
distichum, L. Joint grass. A.
dilatatum, Poir. Tall Paspalum. A.
setaceum, Michx. Slender Paspalum. A.
ciliatifolium, Michx. Ciliate leaved Paspalum. C.
ciliatifolium dasyphyllum, Ell. Paspalum. C.
longipedunculatum, LeConte. Long-stalked Paspalum.
 E. and C.
 ✓ *laeve*, Mich. Field Paspalum. A.
Floridanum, Michx. Florida Paspalum. A.
praecox, Walt. E.
compressum (Sw.), Nees. Flat Paspalum. A.
difforme, LeConte. E.
paspaloides (Michx.), Scrib. Crab-grass Paspalum. A.
furcatum, Flugge. Paspalum. E.

- MILIUM* amphicarpon, Pursh. Amphicarpon. E.
PANICUM consanguineum, Kath. C.
 Addisonii, Nash. E.
 Ashei, Pearson. Ashe's Amphicarpon. E.
 Scribnerianum, Nash. Scribner's Amphicarpon. E.
 and C.
 scoparium, Lam. C.
 scabriusculum, Ell. E.
 Joori, Vasey. Joor's Amphicarpon. C.
 macrocarpon, LeConte. Amphicarpon. W.
 gibbum, Ell. Gibbons Amphicarpon. E. and C.
 verrucosum, Muhl. Warty Amphicarpon. E.
 capillare, L. Witch-grass Amphicarpon. A.
 proliferum, Lam. Spreading Amphicarpon. E. and C.
 miliaceum, L. Millet. C.
 amarum, Ell. Sea-beach Amphicarpon. E.
 Crus-galli, L. Barnyard Grass. A.
 Walteri, Pursh. Salt-marsh Cockspur. E.
 digitarioides, Carpenter. Narrow Panicum. E. and C.
 hians, Ell. Gaping Panicum. A.
 anceps, Michx. Beaked Panicum. E. and C.
 agrostidiforme, Lam. Agrostis-like Panicum. E.
 elongatum, Pursh. Long Panicum. A.
 sphaerocarpon, Ell. Round fruited Panicum. A.
 microcarpon, Muhl. Small fruited Panicum. A.
 Porterianum, Nash. Porter's Panicum. C.
 commutatum, Schultes. Variable Panicum. A.
 clandestinum, L. Hispid Panicum. E. and C.
 laxiflorum, Lam. Lax-flowered Panicum. C.
 depauperatum, Muhl. Starved Panicum. C.
 angustifolium, Ell. Narrow-leaved Panicum. A.
 neuranthum, Griseb. E.
 nemopanthum, Ashe. E. and C.
 dichatonum, L. A.
 dichatonum elatum, Vasey. C.
 maculatum, Ashe. C.
 Rouakense, Ashe. E. and C.
 demissum, Trin. E. and C.
 Mattamu-ketense, Ashe. E.
 erisifolium, Bald. C.
 Wrightianum, Scrib. E.
 sphagnicolum, Nash. C. and W.
 lucidum, Ashe. E.
 Cuthbertii, Ashe. C.
 parvispiculatum, Nash. E.
 leucothrix, Nash. E.
 huachucae, Ashe. C.
 viscidum, Ell. E. and C.

- PANICUM** ciliferum, Nash. E.
 Atlanticum, Nash. E.
 haemacorpon, Ashe. C.
 arenicolum, Ashe. C.
 annulum, Ashe. C.
 meridionale, Ashe. C. and W.
 filiculme, Ashe. C.
 microphyllum, Ashe. C.
 glabrisinum, Ashe. E.
 Nashianum, Scrib. E.
 scrotinum, Trin. C.
 laniginosum, Ell. E.
 Columbianum, Scrib. C.
- SETARIA** glauca, Beauv. Yellow Fox-tail Grass. A.
 viridis, Beauv. Green Fox-tail Grass. A.
 Italica, R. & S. Hungarian Fox-tail Grass. C.
 verticillata, Beauv. Fox-tail Grass. A.
- CENCHRUS** tribuloides, L. Hedge-hog Grass. E.
 incertus, Curtis. Hedge-hog Grass. E
- ZIZANIA** aquatica, L. Wild Rice. E.
 miliacea, Michx. Wild Rice. E.
- LEERSIA** Virginica, Willd. White Grass. E.
 oryzoides, Sw. Rice-cut Grass. E.
 lenticularis, Michx. Catch-fly Grass. E
- HYDROCLOA** Carolinensis, Beauv. E.
- PHLEUM** pratense, L. Timothy. A.
- CINNA** arundinacea, L. Wood Reed. A.
 latifolia, Griseb. Slender Wood Reed. A.
- HOLCUS** lanatus, L. Velvet or Meadow Grass. A.
- DACTYLIS** glomerata, L. Orchard Grass. A.
- POA** annua, L. Annual Meadow Grass. A.
 compressa, L. Flat-stemmed Meadow Grass. A.
 pratensis, L. Kentucky Blue Grass. A.
 trivialis, L. Roughish Meadow Grass. A.
 flexuosa, Muhl. Flexuous Spear Grass. C.
 sylvestris, Gray. Sylvan Spear Grass. C. and W.
 alsodes, Grav. Grove Spear Grass. C. and W.
 brevifolia, Muhl. Short-leaved Spear Grass. C. and W.
- GLYCERA** elongata, Trin. Long Mauna Grass. C. and W.
 nervata, Trin. Nerved Mauna Grass. C. and W.
 pallida, Trin. Pale Mauna Grass. E. and C.
- FESTUCA** Myurus, L. Rat's tail Fescue Grass. A.
 elatior, L. Meadow Fescue Grass. A.
 nutans, Willd. Nodding Fescue Grass. C. and W.
- BROMUS** ciliatus, L. Fringed Brome-grass. A.
 hordeaceus, L. Soft Brome-grass. C.
 secalinus, L. Cheat Brome-grass. A.
 racemosus, L. Upright Brome-grass. C.

- LOLIUM temulentum, L. Darnell Grass. C.
 HORDEUM pratense, Huds. Meadow Barley. A.
 ANTHAENANTIA villosa, Benth. Anthaenautia. E.
 rufa, Benth. Purple Anthaenautia. E.
 PHALARIS intermedia. Bosc. Canary Grass. E.
 HIEROCHLOE borealis, R. & S. Seneca Grass. C.
 ALOPECURUS geniculatus, L. Marsh Fox-tail. A.
 pratensis, L. Meadow Fox-tail. A.
 SPOROBOLUS asper, Kunth Rough Rush-grass. A.
 vaginaeflorus, Wood. Sheathed Rush grass. A.
 vaginaeflorus minor, Vasey Sheathed Rush-grass W.
 Virginicus, Kunth Seashore Rush-grass. E.
 Indicus, Brown. Smut Rush grass A.
 Juncus, Kunth. Wire-grass. E. and C.
 cryptandrus, Gray. Wire-grass. E.
 ✓ AGROSTIS alba, L. Herd's grass. A.
 ✓ rubra, L. Red Bent grass. W.
 perennans, Tuck. Thin Grass W.
 scabra, Willd. Rough-Hair Grass. A.
 elata, Trin. Tall-Bent Grass. E.
 Novae-Angliae, Tuck. New England Bent-grass. W.
 canina, L. Mountain Bent-grass. W.
 POLYPOGON maritimus, Willd. Bear Grass. E.
 CALAMAGROSTIS Canadensis, Beauv. Blue joint Grass. W.
 Nuttalliana, Steud. Nuttall's Reed Grass. A.
 arenaria, Roth. Sand-reed Grass. E.
 ARISTIDA dichotoma, Michx. Poverty Grass A.
 gracilis, Ell. Slender Poverty Grass. A.
 purpurascens, Poir. Purplish Poverty Grass. A.
 lanata, Poir. Woolly Poverty Grass. A.
 virgata, Trin. Virgate Poverty Grass. E.
 stricta, Michx. Erect Poverty Grass. E. and C.
 MUHLENBERGIA sobolifera, Trin. Rock Muhlenbergia C.
 Mexicana, Trin. Meadow Muhlenbergia. A.
 glomerata, Trin. Marsh Muhlenbergia. C.
 sylvatica, T. & G. Wood Muhlenbergia. W.
 diffusa, Schreb Drop-seed Muhlenbergia. A.
 capillaris, Kunth. Long-awned Muhlenbergia. E.
 BRACHYELYTRUM erectum, B-auv. Brachyelytrum. W.
 AIRA-CARYOPHYLLEA, L. Silvery Hair-grass. C.
 DESCHAMPSIA flexuosa, Trin. Navy Hair-grass. W.
 TRisetum subspicatum, Beauv. Narrow False Oat. W.
 palustris, Michx. Marsh False Oat. A.
 DANThONIA spicata, Beauv. Common Wild Oat-grass. A.
 sevicea, Nutt. Silky Wild Oat-grass. A.
 compressa, Austiu. Flattened Wild Oat-grass. W.
 glabra, Nash. Smooth Wild Oat-grass. E.
 ARRHENATHERUM elatius, Beauv. Oat-grass. A.

- SPARTINA polystacha, Ell. Salt Reed grass. E.
 juncea, Willd. Salt-meadow Grass. E.
 stricta, Roth. Smooth Marsh Grass. E.
 stricta glabra, Muhl. Smooth Marsh Grass. E.
 stricta alternifolia, Lois. Smooth Marsh Grass. E.
- GYMNOPOGON racemosus, Beauv. Gymnopogon. E.
 brevifolius, Trin. Gymnopogon. E.
- CHLORIS petraea, Swartz. Chloris. E.
- CYNODON Dactylon, Pers. Bermuda Grass. A
- CTENIUM Americanum, Spreng. Toothache Grass. E
- ELEUSINE Aegyptiaca, Pers. Crowfoot Grass. A.
 Indica, Gaert. Crab Grass. A.
- LEPTOCLOA mucronata, Kunth. Leptocloa. A.
- DIPLACHNE fascicularis, Beauv. Diplachne. E.
 rigida, Munro. Diplachne. E.
- TRIODIA cuprea, Jacq. Tall Red top. A.
- TRIPLASIS Americana, Beauv. Triplasis. E.
 purpurea, Chapm. Triplasis. E.
- MELICA mutica, Walt. Mellic Grass. E.
 diffusa, Pursh. Mellic Grass. E.
- EATONIA Dudleyi, Vasey. Dudley's Eatonia. W.
 obtusata, Gray. Blunt Eatonia. E and C.
 Pennsylvanica, Gray. Pennsylvania Eatonia. C.
- ERAGROSTIS reptans, Nees. Creeping Eragrostis. A.
 m-gastachya, Link. Eragrostis. A.
 ciliaris, Link. Eragrostis. A.
 Purshii, Schrad. Pursh's Eragrostis. A.
 pilosa, Beauv. Tufted Eragrostis. C.
 tenuis, Ell. Hairy Eragrostis. E and C.
 capillaris, Nees. Capillary Eragrostis. A.
 pectinacea, Gray. Purple Eragrostis. C.
 campestris, Trin. Meadow Eragrostis.
- UNIOLA gracilis, Michx. Slender Spike grass. A.
 latifolia, Michx. Broad Spike-grass. E and C.
 paniculata, L. Sea Oats. E.
 spicata, L. Marsh Sea Oats. E.
- PHRAGMITES communis, Trin. Reed. E.
- AGROPYRUM repens, Beauv. Conch-grass. A.
 Caninum, R. & S. Conch grass. A.
- ELYMUS robustus, Scrib. Stout Rye Grass. E, and C.
 Virginicus, L. Virginia Rye Grass. A.
 striatus, Willd. Nodding Rye Grass. C.
- ASPRELLA Hystix, Willd. Bottle-brush. C.
- ARUNDINARIA macrosperma, Michx. Cane. A.
 tecta, Muhl. Reed. A.

Class III—Acrogens.

CRYPTOGAMONS OR FLOWERLESS PLANTS.

Order 149.

EQUISETACEAE. HORSE-TAIL FAMILY.

- EQUISETUM laevigatum*, Braun. Smooth Scouring-rush. A.
hyemale, L. Common Scouring-rush. W.
sylvaticum, L. Wood Horse-tail. E.
arvense, L. Field Horse-tail. C.

Order 150.

OPHIOGLOSSACEAE. ADDER'S TONGUE FAMILY.

- BOTRYCHIUM terdatum* (Thimb.), Sw. Ternate Grape fern. E. and C.
dissectum. Grape-fern. E. and C.
Virginianum (L.), Sw. Virginia Grape-fern. A.

Order 151.

POLYPODIACEAE. FERN FAMILY.

- ✓ *POLYPODIUM vulgare*, L. Common Polypody. C. and W.
vulgare cristatum. Common Polypody. W.
vulgare Cambricum. Common Polypody. W.
incanum, Sw. Tree Polypody. E. and C.
- ✓ *PTERIS aquilina*, L. Rock Brake. A.
aquilina caudata (L.), Hook. Rock Brake. E.
tremuloides. C.
- PELLAEA atropurpurea*, Link. Cliff-brake. W.
- CHEILANTHES Alabamensis*, Kuntze. Alabama Lip-fern. W.
lanosa, Walt. Hairy Lip-fern. W.
tomentosa, Link. Woolly Lip-fern. W.
- ✓ *ADIATUM Capillus-Veneris*, L. Venus-hair Fern. E.
 ✓ *pedatum*, L. Maiden hair Fern. A.
- WOODWARDIA Virginica*, Smith. Virginia Chain Fern. A.
angustifolia, Smith. Net veined Chain Fern. E.
 and C.
- CAMPTOSORUS rhizophyllus*, Link. Walking-fern. W.
- ASPLENIUM pinnatifidum*, Nutt. Pinnatifid Spleenwort. W.
ebenoides, Scott. Scott's Spleenwort. W.
parvulum, M. & G. Small Spleenwort. W.
platyneuron, Oakes. Ebony. C. and W.
Trichomanes, L. Maiden-hair Spleenwort. W.
angustifolium, Michx. Narrow-leaved Spleenwort. W.
Ruta-muraria, L. Wall Rue Spleenwort. W.
montanum, Willd. Mountain Spleenwort. W.
Bradleyi, Eaton. Bradley's Spleenwort. W.
thelypteroides, Michx. Silvery Spleenwort. A.

- ASPLENIUM *Filix-foemina*, Beruh. Lady-fern. A.
dentatum, L. Spleenwort. W.
- CYSTOPTERIS *bulbifera*, Beruh. Bulbons Brittle Fern. W.
fragilis, Beruh. Brittle Fern. W.
- ✓ ASPIDIUM *acrostichoides*, Sw. Christmas Fern. A.
acrostichoides Schweinitzii. Christmas Fern. A.
Noveboracense, Sw. New York Fern. W.
Thelypteris, Sw. Shield Fern. A.
Goldieanum, Hook. Goldie's Fern. C. and W.
marginale, Sw. Wood Fern. C. and W.
spinulosum, Sw. Spinulose Shield Fern. W.
spinulosum intermedium, Eaton. Spinulose Shield Fern.
W.
spinulosum dilatatum, Hook. Spinulose Shield Fern. W.
- PHEGOPTERIS *polypodioides*, Fee. Long Beech Fern. W.
hexagonoptera, Fee. Broad Beech Fern. A.
Dryopteris, Fee. Oak Fern. E. and C.
- DICKSONIA *punctilobula* (Michx.), Grav. Hay-scented Fern. W.
- LYGODIUM *palmatum*, Sw. Climbing Fern. A.
- ONOCLEA *sensibilis*, L. Sensitive Fern. A.
- WOODSIA *ilvensis*, R. Br. Rusty Woodsia. W.
obtusa, Torr. Blunt-lobed Woodsia. W.
- ✓ OSMUNDA *cinnamomea*, L. Cinnamon Fern. A.
regalis, L. Royal Fern. A.
Claytoniana, L. Clayton's Fern. A.

Order 152.

LYCOPODIACEAE CLUB-MOSS FAMILY.

- LYCOPODIUM *lucidulum*, Michx. Shining Club moss. W.
Selago, L. Fir Club moss. W.
clavatum, L. Running Club-moss. W.
dendroideum, Michx. Ground Pine Club moss. W.
Carolinianum, L. Carolina Club-moss. E.
✓ *complanatum*, L. Christmas Club-moss. W.
innudatum, L. Bog Club-moss. E.
alopecuroides, L. Fox tail Club-moss. E.
alopecuroides adpressum, Chapm. Club-moss. E.

Order 153.

SELAGINELLACEAE SELAGINELLA FAMILY.

- SELAGINELLA *rupestris*, Spring. Rock Selaginella. A.
apus, Spring. Creeping Selaginella. A.

Order 154.

SALVINIACEAE SALVINIA FAMILY.

- AZOLLA *Caroliniana*, Willd. Carolina Azolla. E.

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