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GEOLOGICAL AND NATURAL HISTORY SURVEY

OF

NORTH CAROLINA.

PART III.

BOTANY;

CONTAINING A CATALOGUE OF THE INDIGENOUS AND
NATURALIZED PLANTS OF THE STATE,

BY

REV. M. A. CURTIS, D. D.; F. A. A. A. S., &c., &c.

RALEIGH: *

PRINTED AT N. C. INSTITUTION FOR THE DEAF AND DUMB AND THE BLIND.

1867.



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To His Excellency, JONATHAN WORTH,
Governor of North Carolina :

SIR:—The following Catalogue of the Plants of North Carolina is alluded to in the letter of Prof. Emmons to Gov. Ellis, printed in the introductory portion of my Report on the Woody Plants of the State, which this was intended to accompany. The printing of it at that time was, however, prevented by more important matters of national interest that were then occupying the public mind. It gives me pleasure now to submit the Report to your consideration, not only because I desire to secure a permanent record of observations and discoveries made through a period of about twenty-five years, but on account of the interest it should have among Scientists as determining the localities and range of our vegetation, and as being much the most extensive local list of Plants ever published in North America.

The extent of this list is not due to the greater amount of our vegetation, though there are very few States that contain a greater number or richer variety of species, but to the fact that more attention has been given in this State than elsewhere to the investigation of the lower Orders, or Flowerless Plants, and especially of the Fungi. The accomplished Dr. Schweinitz, while a resident at Salem, paid great attention to these obscure forms, and was the pioneer of Cryptogamic Botany in America. It will be seen, in the frequent reference to his name in my list of these Plants, how much we are indebted to him for a knowledge of these species, many of which have not been detected by others.

But large as is the following list, comprising over forty-eight hundred species, it is not offered as a complete enumeration of all the plants growing in the State. It is only a record of what have been thus far discovered. Of our Flowering Plants probably very few have escaped notice; but of the Flowerless kinds doubtless many more remain to reward the researches of future observers. We may confidently assume that the actual number of Plants indigenous to North Carolina exceeds five thousand species.

Hoping this contribution to a knowledge of the Natural History of our State will prove acceptable to yourself and the public generally, I remain

Yours, very respectfully,

M. A. CURTIS.

P R E F A C E.

THE scientific names in this Catalogue, to the end of the list of Ferns, are in accordance with the nomenclature of Dr. Chapman's FLORA OF THE SOUTHERN UNITED STATES.

Of the Flowering Plants 147 are naturalized species. These are indicated in the Catalogue by *Italics*.

Among the Fungi, the species in *Italics*, (over 100 in number), are eatable Mushrooms.

The division of the State into Botanical Districts, as explained in the Introduction to the WOODY PLANTS OF NORTH CAROLINA, is here indicated by the abbreviations Low, Mid, and Up. Where a species is found in all the Districts, the word *Common* is used.

The name of a person put in brackets after any of the above abbreviations, as (Schw.) for Schweinitz, (Rav.) for Ravenel, &c., indicates that the plant is inserted on his authority for the locality.

Special acknowledgments are due to W. S. Sullivant, of Ohio, for his arrangement of my lists of MUSCI and HEPATICAE, and for valuable additions to them. Also, to Prof. Tuckerman, of Amherst College, for like important service in the list of LICHENS. Without the aid of these skillful Botanists the catalogue of these Orders would have been far less accurate and complete.

FLOWERING PLANTS.

CLASS I. EXOGENOUS PLANTS.

RANUNCULACEÆ.

- ATRAGENE** *Americana*, Sims.—In the Upper District.
- CLEMATIS** *ochroleuca*, Ait. (Dwarf Clematis.)—Mid. and Up. Dist.
ovata, Pursh.—Up. Dist.
Viorna, Linn. (Leather Flower.)—Mid. and Up. Dist.
crispa, Linn. (Blue Jessamine.)—Low. Dist.
Virginiana, L. (Virgin's Bower.)—Mid. and Up. Dist.;
rare in the Lower.
- ANEMONE** *nemorosa*, L. (Wood Anemone.)—Up. Dist. (*Silas McDowell, Esq.*)
Caroliniana, Walt. (Carolina Anemone.)—Up. Dist. (*Schweinitz.*)
Virginiana, L. (Virginia Anemone.)—Common in all
the Districts.
- HEPATICÀ** *triloba*, Chaix. (Liver Leaf.)—Rocky Hills of Mid. Dist.
- THALICTRUM** *dioicum*, L. (Early Meadow Rue.)—In the Mountains.
Cornuti, L. (Meadow Rue.)—In all the Districts.
clavatum, D. C. (Slender Meadow Rue.)—Sources of
all the mountain streams.
nudicaule, Schwein.—On the Yadkin River.
(*Schweinitz.*)
anemonoides, Michx. (Rue Anemone.)—Lower and
Mid. Dist.
- TRAUTVETTERIA** *palmata*, F. & M.—Along mountain streams.
- RANUNCULUS** *aquatilis*, L. (White Water-Crowfoot.)—Upper Dist.
parviflorus, L. (Small flowered Crowfoot.)—Low. and
Mid. Dist.
alismæfolius, Geyer. (Spearwort.) Up. Dist.
pusillus, Poir. (Dwarf Crowfoot.)—Low. and Mid.
Dist.

- RANUNCULUS abortivus**, L. (Smooth Crowfoot.—Low. and Mid. Dist.
recurvatus, Poir. (Rough Crowfoot.)—Low. and Mid. Dist.
sceleratus, L. (Biting Crowfoot.)—Low. Dist.
Pennsylvanicus, L. (Bristly Crowfoot.)—Mid. Dist.
Purshii, Richn. (Yellow Water Crowfoot.)—Middle Dist., in shallow water.
repens, L. (Creeping Crowfoot.)—In all the Districts.
 “ *var. hispidus*.—Mid. Dist.
 “ *var. nitidus*.—Low. Dist.
palmatus, Ell. —Low. Dist.
bulbosus, L. (Buttercups.)—Low. Dist.
- AQUILEGIA Canadensis**, L. (Columbine.)—Hills of Mid. and Up. Dist.; rare in the Lower.
- DELPHINIUM azureum**, Michx. (Blue Larkspur.)—Up. Dist.
tricornis, Michx. (Dwarf Larkspur.)—Mountains.
 (*Michaux.*) Halifax. (*T. B. Hill.*)
exaltatum, Ait. (Tall Larkspur.)—Mountains.
 (*Michaux.*)
Consolidu, L. (Garden Larkspur.)—Mid. Dist.
- ACONTIUM uncinatum**, L. (Monk’s Hood. Wolf’s Bane.)—Mid. and Up. Dist.
reclinatum, Gray. (Trailing Monk’s Hood.)—On the mountains of Ashe and Yancey.
- ZANTHORHIZA apiifolia**, L’Her. (Yellow Root.)—Hills in the Mid. and Up. Dist.
- HYDRASTIS Canadensis**, L. (Orange Root, Yellow Puccoon.)—Mountains.
- ACTEA alba**, Bigel. (Baneberry.)—Mountains.
- CMICIFUGA racemosa**, Ell. (Rattle Top.)—Mid. and Up. Dist.
cordifolia, Pursh. (Heart-leaved Rattle Top.)—Mountains. (*Prof. Gray.*)
Americana, Michx. (Mountain Rattle Top.)—Mountains.

MAGNOLIACEÆ.

- MAGNOLIA grandiflora**, L. (Magnolia.)—Brunswick Co.
glauca, L. (Sweet Bay.)—Low. and Mid. Dist.
 Umbrella, Lam. (Umbrella Tree.)—In all the Districts.
acuminata, L. (Cucumber Tree.)—Mountains.

MAGNOLIA cordata, Michx. (Heart-leaved Cucumber Tree.)—Mountains.

Fraseri, Walt. (Long-leaved Cucumber Tree.)—Mountains.

macrophylla, Michx. (Large-leaved Umbrella Tree.)—Lincoln Co.

LIRIODENDRON Tulipifera, L. (Tulip Tree. Poplar.)—In all the Districts.

ANONACEÆ.

ASIMINA triloba, Dunal. (Papaw.)—Mid. Dist.

parviflora, Dunal. (Dwarf Papaw.)—All the Districts.

MENISPERMACEÆ.

MENISPERMUM Canadense, L. (Moonseed.)—Low., Mid. and Up. Dist.

COCCULUS Carolinus, D. C. (Red-berried Moonseed.)—Low. and Mid. Dist.

BERBERIDACEÆ.

BERBERIS Canadensis, Pursh. (Barberry.)—From Lincoln to Macon County.

CAULOPHYLLUM thalictroides, Michx. (Pappoose Root.)—Mountains.

DIPHYLLEIA cymosa, Michx. (Umbrella Leaf.)—Mountains.

PODOPHYLLUM peltatum, L. (May Apple.)—All the Districts.

NELUMBIACEÆ.

NELUMBIUM luteum, Willd. (Water Chinquapin. Duck Acorn.)—Lower District.

CABOMBACEÆ.

CABOMBA Caroliniãna, Gray.—Lower District.

BRASENIA peltata, Pursh. (Water Shield.)—Lower District.

NYMPHÆACEÆ.

NYMPHÆA odorata, Ait. (Pond Lily. Bonnets.)—Lower Dist.

NUPHAR advena, Ait. (Yellow Water Lily.)—Low., Mid. and Up. Dist.

sagittæfolia, Pursh.—Lower Dist.

SARRACENIACEÆ.

SARRACENIA purpurea, L. (Pitcher Plant.)—Low. and Mid. Dist.

rubra, Walt. (Red-flowered Trumpet Leaf.)—Henderson Co.

SARRACENIA flava, L. (Trumpets. Watches.)—Low. and Mid. Dist.
variolaris, Michx. (Spotted Trumpet Leaf.)—South-
 eastern part of the State.

PAPAVERACEÆ.

ARGEMONE Mexicana, L. (Mexican Poppy.)—Low. Dist.
SANGUINARIA Canadensis, L. (Blood Root. Puccoon.)—Common
 through the State.
PAPAVER dubium, (Com. Poppy.)—Cultivated fields in Low. Dist.

FUMARIACEÆ.

ADLUMIA cirrhosa, Raf.—On the French Broad River.
DICENTRA Cucullaria, D. C. (Dutchman's Breeches.)—Mountains.
eximia, D. C. (Bleeding Heart.) French Broad River.
 (*Buckley.*)
CORYDALIS aurea, Willd.—Low. Dist.
glauca, Pursh.—Mountains.

CRUCIFERÆ.

NASTURTium tanacetifolium, Hook. & Arn.—Low. Dist.
palustre, D. C. (Marsh Cress.)—Low. Dist.
lacustre, Gray. (Lake Cress.)—Mid. Dist.
officinale, R. Br. (Water Cress.)—throughout the
 State.
CARDAMINE rhomboidea, D. C. (Spring Cress.)—Low. Dist.
rotundifolia, D. C. (Round-leaved Cress.)—Mountains.
spathulata, Michx.—Mountains. (*Michaux.*)
hirsuta, L. (Bitter Cress.)—Low. Dist.
Ludoviciana, Hook.—Mid. Dist. ? (*Prof. Mitchell.*)
DENTARIA diphylla, Michx. (Pepper Root.)—Mountains.
laciniata, Muhl.—Mid. and Up. Dist.
heterophylla, Nutt.—Mountains. (*Buckley.*)
multifida, Muhl.—Mid. Dist. ? (*Schweinitz.*)
ARABIS lyrata, L. (Rock Cress.)—Phœnix Mt. (*Prof. Gray.*)
Canadensis, L. (Sickle Pod.)—Mid. and Up. Dist.
lævigata, D. C.—Mid. and Up. Dist.
BARBAREA præcox, R. Br. (Bermuda Cress, Scurvy Grass.) Or-
 ange Co.
SISYMBRIUM Thaliana, Gaud. (Mouse-ear Cress.) Lower and Mid.
 Dist.

SISYMBRIUM canescens, Nutt. (Tansy Mustard.)—Lower and Mid. Dist.

officinale, Scop. (Hedge Mustard.)—Do.

DRABA *Caroliniana*, Walt.—Low. and Mid. Dist.

ramosissima, Desv.—Buncombe Co. (*Buckley*.)

verna, L. (Whitlow Grass.)—Low. and Mid. Dist.

CAMELINA sativa, Crantz. (False Flax.)—N. Hanover, in cultivated fields. (*Dr. McRee*.)

SENEBIERA pinnatifida, D. C. (Wart Cress, Swine Cress.)—Low. and Mid. Dist.

LEPIDIUM Virginicum, L. (Wild Peppergrass.)—Do.

CAPSELLA Bursa-pastoris, Moench. (Shepherd's Purse.)—Common.

CAKILE maritima, Scop. (Sea Kale.)—On the Sea beach.

CAPPARIDACEÆ.

GYNANDROPSIS pentaphylla, D. C.—Waste grounds near Wilmington. (*Dr. McRee*.)

VIOLACEÆ.

VIOLA cucullata, Ait. (Blue Violet.)—Common.

palmata, L. (Hand-leaf Violet.)—Do.

villosa, Walt. (Hairy Violet.)—Low. and Mid. Dist.

sagittata, Ait. (Arrow-leaf Violet.)—Mid. Dist.

pedata, L. (Bird-foot Violet.)—Low. and Mid. Dist.

primulaefolia, L. (Primrose-leaved Violet.)—Do.

lanceolata, L. (Lance-leaved Violet.)—Do.

blanda, Willd. (Sweet White Violet.)—Mid. Dist.

rotundifolia, Michx. (Round-leaf Violet.)—Mountains.

striata, Ait. (Pale Violet.)—Mid. Dist.

Canadensis, L. (Canada Violet.)—Mountains.

hastata, Michx. (Spear-leaved Violet.)—Do.

pubescens, Ait. (Yellow Violet.)—Mid. and Up. Dist.

tricolor, L. var. *arvensis*, D. C. (Wild Pansy.)—All the Districts. Not very common.

SOLEA concolor, Ging. (Green Violet.)—Mid. and Up. Dist. Rare.

CISTACEÆ.

HELIANTHEMUM Carolinianum, Michx. (Rock Rose.)—Low and Mid. Dist.

corymbosum, Michx.—Low. Dist.

Canadense, Michx. (Frost-weed.)—Low. Dist.

LECHEA major, Michx. (Pin-weed.)—Low. and Mid. Dist.
minor, Lam.—Do.

HUDSONIA montana, Nutt.—Table Rock, Burke Co.

DROSERACEÆ.

DROSEREA filiformis, Raf. (Thread-leaved Sundew.)—Low. Dist.

longifolia, L. (Long-leaved Sundew.)—Do.

rotundifolia, L. (Round-leaved Sundew.)—All the Dis-
tricts.

brevifolia, Pursh. (Short-leaved Sundew.)—Low. and Mid.
Dist.

DIONÆA muscipula, Ellis. (Fly Trap.)—Low. Dist.

PARNASSIACEÆ.

PARNASSIA Caroliniana, Michx. (Grass of Parnassus.)—In all the
Districts.

asarifolia, Vent.—Yancey to Haywood.

HYPERICACEÆ.

HYPERICUM prolificum, L. (Rock Rose.)—In all the Districts, espe-
cially in the Upper.

Buckleyi, M. A. C.—Mountains south of French Broad
River.

perforatum, L. (St. John's Wort.)—Mid. Dist.

maculatum, Walt.—Low. and Mid. Dist.

corymbosum, Muhl.—All the Districts.

fasciculatum, Lam.—Low. and Mid. Dist.

galioides, Lam.—Low. Dist.

nudiflorum, Michx.—Low. and Mid. Dist.

graveolens, Buckl.—Southern Mountains.

pilosum, Walt.—Low. and Mid. Dist.

angulosum, Michx.—Mid. Dist.

mutilum, L.—Low. and Mid. Dist.

Canadense, L.—All the Districts.

Sarothra, Michx. (Ground Pine.)—Coast to Cherokee.

ASCYRUM Crux-Andree, L. (St. Peter's Wort.)—Common.

stans, Michx.—Common.

ELODEA Virginica, Nutt. (Marsh John's Wort.)—Low. Dist.

petiolata, Pursh.—All the Districts.

PORTULACACEÆ.

PORTULACA oleracea, L. (Purslane.)—Common in cultivated grounds.

- TALINUM teretifolium, Pursh.—Rocky hills of Mid. and Up. Dist.
 CLAYTONIA Virginica, L. (Spring Beauty.)—Low. and Mid. Dist.
 Caroliniana, Michx.—Mountains.
 SESUVIUM pentandrum, Ell. (Sea Purslane.)—Saline marshes.
 portulacastrum, L.—Do.

CARYOPHYLLACEÆ.

- PARONYCHIA dichotoma, Nutt.—Mountains.
 argyrocoma, Nutt.—Do.
 herniariodes, Nutt.—Low. Dist.
 ANYCHIA dichotoma, Michx.—All the Districts.
 STIPULICIDA setacea, Michx.—Low. Dist.
 SPERGULARIA rubra, Pers. (Sand Spurrey.)—Sea-coast.
 SPERGULA arvensis, L. (Pine Cheat. Corn Spurrey.)—Fields in Up.
 Dist.
 MOLLUGO verticillata, L. (Indian Chickweed.)—Common in cultivated grounds.
 SAGINA Elliottii, Fenzl.—Low. and Mid. Dist.
 ALSINE squarrosa, Fenzl. (Barrens-Sandwort.)—Low. Dist.
 glabra, Gray.—On rocky mountains.
 Michauxii, Fenzl.—Mid. and Up. Dist.
 ARENARIA diffusa, Ell.—Low. Dist.
 serpyllifolia, L. (Sandwort.)—Low. and Mid. Dist.
 STELLARIA pubera, Michx. (Star Chickweed.)—Mid. and Up. Dist.
 media, Smith. (Chickweed.)—Common in cultivated lands.
 uniflora, Walt.—Low. Dist.
 CERASTIUM vulgatum, L. (Mouse-ear Chickweed.)—Common.
 viscosum, L.—Common.
 arvense, L.—Mid. and Up. Dist.
 nutans, Raf.—Up: Dist.
 SILENE stellata, Ait. (Star Campion. Thermon Snake-root.)—Up.
 Dist.
 ovata, Pursh.—Mountains.
 Virginica, L. (Indian Pink.)—Common.
 Pennsylvanica, Michx.—Low. and Mid. Dist.
 Antirrhina, L. (Catchfly.)—Common.
 SAPONARIA officinalis, L. (Soapwort. Bouncing Bet.)—Waste grounds.

AGROSTEMMA *Githago*, L. (Cockle).—In fields of Grain.

MALVACEÆ.

MALVA *rotundifolia*, L. (Mallow).—Common in waste grounds.

CALLIRRHÆ *triangulata*, Gray.—Lincoln Co. (*Dr. Hunter.*)

SIDA *spinosa*, L.—Common about settlements.

rhombifolia, L.—Burke Co. Also near Newbern. (*Croom.*)

Elliottii, Tor. & Gr.—Low. Dist.

ABUTILON *Avicennæ*, Gært. (Velvet Leaf).—Rather common.

MODIOLA *multifida*, Moench.—Low. Dist. Rare.

KOSTELETZKYA *Virginica*, Presl.—Low. Dist.

HIBISCUS *aculeatus*, Walt.—Do.

Moscheutos, L. (Swamp Mallow).—Throughout the State.

militaris, Cav. (Rose Mallow).—Low. Dist.

TILIACEÆ.

TILIA *Americana*, L. (Linn or Lime Tree).—Mid. and Up. Dist.

pubescens, Ait. (Southern Linn).—Low. Dist.

heterophylla, Vent. (White Linn).—All the Districts.

CORCHORUS *siliquosus*, L.—Bath. Apparently introduced.

CAMELLIACEÆ.

GORDONIA *Lasianthus*, L. (Loblolly Bay. Black Laurel).—Low. Dist.

STUARTIA *Virginica*, Cav.—Low. Dist.

pentagyna, L'Her.—Mid. and Up. Dist.

MELIACEÆ.

MELIA *Azedarach*, L. (China Tree).—A common shade tree in the Low. Dist.

LINACEÆ.

LINUM *Virginianum*, L. (Wild Flax).—Common.

Boottii, Planch.—Pine woods of Low. and Mid. Dist.

OXALIDACEÆ.

OXALIS *stricta*, L. (Yellow Wood-Sorrell).—Common.

Acetosella, L. (White Wood-Sorrell).—Mountains.

violacea, L. (Purple Wood-Sorrell).—Mid. and Up. Dist.

ZYGOPHYLLACEÆ.

TRIBULUS *cistoides*, L.—Waste ground near Wilmington.—(*Dr. McRee.*)

GERANIACEÆ.

GERANIUM *maculatum*, L. (Cranesbill).—Mid. and Up. Dist.

Carolinianum, L.—Common.

BALSAMINACEÆ.

- IMPATIENS pallida*, Nutt. (Touch me not.)—Mountains.
fulva, Nutt. (Jewell Weed.)—Low. and Mid. Dist.

RUTACEÆ.

- ZANTHOXYLUM Carolinianum*, Lam. (Prickly Ash, Toothache Tree.)
 Low. Dist.
PTELEA trifoliata, L. (Hop Tree. Wafer Ash.)—Low. and Mid.
 Dist.
mollis, M. A. C.—Low. Dist.

ANACARDIACEÆ.

- RHUS typhina*, L. (Staghorn Sumach.)—Up. Dist.
glabra, L. (Smooth Sumach.)—Mid. and Up. Dist.
copallina, L. (Common Sumach.)—Common.
pumila, Michx. (Dwarf Sumach.)—Low. and Mid. Dist.
venenata, D. C. (Poison Sumach.)—All the Districts.
Toxicodendron, L. (Poison Oak.)—Do.
radicans, L. (Poison Vine.)—Do.

VITACEÆ.

- VITIS Labrusca*, L. (Fox Grape.)—Low. and Mid. Dist.
aestivalis, Michx. (Summer Grape.)—Common.
vulpina, L. (Muscadine.)—Do.
cordifolia, Michx. (Frost Grape.)—Mid. and Low. Dist.
bipinnata, Tor. & Gr.—Do.
AMPELOPSIS quinquefolia, Michx. (Virginia Creeper.)—Common.

RHAMNACEÆ.

- FRANGULA Caroliniana*, Gray.—All the Districts.
BERCHEMIA volubilis, D. C. (Rattan. Supple Jack.)—Low. Dist.
SAGERETIA Michauxii, Brongn.—Sea-coast.
CEANOTHUS Americanus, L. (Red Root. Jersey Tea.)—Common.

CELASTRACEÆ.

- CELASTRUS scandens*, L. (Wax-work. Bitter-sweet.)—Lincoln Co.
EUONYMUS Americanus, L. (Strawberry Bush. Bursting Heart.
 Fishwood.)—Common.
atropurpureus, Jacq. (Burning Bush.)—(*Prof. Mitchell.*)

STAPHYLEACEÆ.

- STAPHYLEA trifolia*, L. (Bladder Nut.)—Mid. Dist.

SAPINDACEÆ.

- AESCULUS** *Pavia*, L. (Red Buckeye.)—Low. and Mid. Dist.
flava, Ait. (Yellow Buckeye.)—Mid. and Up. Dist.

ACERACEÆ.

- ACER** *rubrum*, L. (Red Maple.)—Common.
dasycarpum, Ehrh. (Silver Maple.)—Mountains.
saccharinum, Wang. (Sugar Maple.)—All the Districts.
spicatum, Lam. (Mountain Maple.)—Mountains,
Pennsylvanicum, L. (Striped Maple.)—Mountains.
NEGUNDO *aceroides*, Moench. (Ash-leaved Maple.)—All the Districts,
 chiefly in the Middle.

POLYGALACEÆ.

- POLYGALA** *cymosa*, Walt.—Low. Dist.
ramosa, Ell.—Do.
lutea, L. (Bachelor's Button.)—Low. and Mid. Dist.
sanguinea, L.—Mid. and Up. Dist.
fastigiata, Nutt.—Low. Dist.
Nuttallii, Carey.—Low. and Mid. Dist.
incarnata, L.—Common.
setacea, Michx.—Low. Dist.
cruciata, L.—Common.
brevifolia, Nutt.—Low. Dist.
grandiflora, Walt.—Do.
polygama, Walt.—Do.
Senega, L. (Seneca Snake-Root.)—Mid. Dist.
verticillata, L.—Low. and Mid. Dist.
paucifolia, L.—Mountains.

LEGUMINOSÆ.

- CROTALARIA** *sagittalis*, L. (Rattle box.)—Common.
ovalis, Pursh.—Low. and Mid. Dist.
Purshii, D. C.—Low. Dist.
LUPINUS *perennis*, L. (Lupine.)—Low. and Mid. Dist.
villosus, Willd.—Low. Dist.
diffusus, Nutt.—Do.
TRIFOLIUM *pratense*, L. (Red Clover.)—Common.
repens, L. (White Clover.)—Do.
Carolinianum, Michx. (Carolina Clover.)—Low. Dist.
reflexum, L. (Buffalo Clover.)—Low. and Mid. Dist.

- TRIFOLIUM *arvense*, L. (Rabbit-foot Clover.)—Common in old fields.
procumbens, L. (Yellow Clover.)—Low. and Mid. Dist.
- MEDICAGO *lupulina*, L. (Hop Medick.)—Common in grass plats.
- MELILOTUS *officinalis*, Willd. (Yellow Melilot.)—Occasionally naturalized about settlements.
alba, Lam. (White Melilot.)—Do.
- ROSACKIA *Purshiana*, Benth.—Mecklenburg Co.
- PSORALEA *melieotoides*, Michx.—Low. and Mid. Dist.
canescens, Michx. (Buck Root.)—Low. Dist.
Lupinellus, Michx.—Do.
- PETALOSTEMON *corymbosum*, Michx.—Do.
- AMORPHA *fruticosa*, L. (Indigo Bush.)—Common.
herbacea, Walt.—Low. Dist.
- ROBINIA *Pseudacacia*, L. (Locust.)—Mountains and upper part of Mid. Dist.
viscosa, Vent. (Clammy Locust.)—Mountains south of the French Broad.
hispida, L. (Rose Locust.)—Hills of Mid. and Up. Dist.
 “ var. *nana*, Ell.—Pine Barrens of Low. Dist.
- WISTARIA *frutescens*, D. C. (Virgin’s Bower.)—Low. Dist.
- TEPIROSIA *Virginiana*, Pers. (Rabbit Pea.)—Common.
spicata, Tor. & Gr.—Low. and Mid. Dist.
hispidula, Pursh.—Common.
ambigua, M. A. C.—Low. Dist.
- INDIGOFERA *Caroliniana*, Walt. (Carolina Indigo.)—Low. Dist.
- ASTRAGALUS *Canadensis*, L.—Lincoln to Cherokee.
glaber, Michx.—Low. Dist.
obcordatus, Ell.—Low. Dist. (*Mr. Croom.*)
- VICIA *sativa*, L. (Vetch.)—Low. Dist.
hirsuta, Koch.—Low. and Mid. Dist.
Caroliniana, Walt.—Mountains. — — —
tetrasperma, Loisel.—Low. Dist.
- LATHYRUS *venosus*, Muhl.—French Broad River. (*Buckley.*)
myrtifolius, Muhl.—Low. Dist.
- AESCHYNOMENE *hispida*, Willd.—Low. Dist.
- ZORNIA *tetraphylla*, Michx.—Do.
- STYLOSANTHES *elatior*, Swartz. (Pencil Flower.)—Common.
- LESPEDEZA *repens*, Tor. & Gr.—Common.
violacea, Pers.—Do.

- LESPEDEZA** *violacea*, var. *sessiliflora*.—Do.
Stuvei, Nutt.—Low. Dist.
hirta, Ell.—Common.
capitata, Michx.—Do.
- DESMODIUM** *acuminatum*, D. C. (Beggar Ticks.)—Up. Dist.
nudiflorum, D. C.—Common.
canescens, D. C.—Mid. and Up. Dist.
cuspidatum, Tor. & Gr.—Low. Dist.
viridiflorum, Beck.—Common.
rotundifolium, D. C.—Do.
ochroleucum, M. A. C.—Low. Dist.
Canadense, D. C.—Mid. and Up. Dist.
Dillenii, Darl.—Low. Dist.
glabellum, D. C.—Low. and Mid. Dist.
lævigatum, D. C.—Do.
paniculatum, D. C.—Common.
tenuifolium, Tor. & Gr.—Low. and Mid. Dist.
strictum, D. C.—Low. Dist.
Marilandicum, Boott.—Common.
ciliare, D. C.—Common.
rigidum, D. C.—Do.
lineatum, D. C.—Low. Dist.
- RHYNCHOSIA** *tomentosa*, Tor. & Gr.—Low. and Mid. Dist.
“ *var. monophylla*, T. & G.—Low. Dist.
“ *var. erecta*, T. & G.—Low. and Mid. Dist.
“ *var. volubilis*, T. & Gr.—Low. Dist.
- APIOS** *tuberosa*, Moench. (Ground Nut.)—Common.
- PHASEOLUS** *perennis*, Walt. (Wild Bean.)—Do.
diversifolius, Pers.—Low. Dist.
helvolus, L.—Sea-coast to the Mountains.
- ERYTHRINA** *herbacea*, L.—Low. Dist.
- CLITORIA** *Mariana*, L.—Coast to Cherokee.
- CENTROSEMA** *Virginiana*, Benth.—Do.
- AMPHICARPÆA** *monoica*, Nutt. (Pea Vine.)—Common, especially in the mountains.
- GALACTIA** *pilosa*, Ell. (Milk Pea.)—Low. and Mid. Dist.
mollis, Michx.—Do.
glabella, Michx.—Do.
sessiliflora, Tor. & Gr.—Cumberland Co.
- BAPTISIA** *lanceolata*, Ell.—Low. Dist.

- BAPTISA villosa, Ell.—Do.
 tinctoria, R. Br. (Wild Indigo.)—Common.
 alba, R. Br.—Common.
- THERMOPSIS Caroliniana, M. A. C.—Haywood to Cherokee.
 fraxinifolia, M. A. C.—Table Mountain.
 mollis, M. A. C.—Wake to Lincoln and Gaston Counties.
- CERCIS Canadensis, L. (Red Bud.)—Low. and Mid. Dist.
- CASSIA occidentalis, L.—Low. Dist.
 obtusifolia, L.—All the Districts.
 Marilandica, L. (Wild Senna.)—Common.
 Chamæcrista, L.—Coast to Cherokee.
 nictitans, L.—Do.
- GLEDITSCHIA triacanthos, L. (Honey Locust.)—All the Districts.
- GYMNOCLADUS Canadensis, Lam. (Coffee Tree.)—Mid. Dist., partially naturalized.
- SCHRANKIA angustata, Tor. & Gr. (Sensitive Plant.)—Low. and Mid. Dist.
 angustata, var. brachycarpa, Chapm.—Do.
- ROSACEÆ.
- PRUNUS Americana, Marsh. (Red Plum.)—Coast to Cherokee.
 Chicasa, Michx. (Chickasaw Plum.)—Common about settlements.
 spinosa, L. ? (Sloe.)—Lincoln Co. (*Dr. Hunter.*)
 Pennsylvanica, L. (Wild Red Cherry.)—High mountains.
 serotina, Ehrh. (Wild Cherry.)—Common.
 Caroliniana, Ait. (Mock Orange.)—Sea-coast of Brunswick County.
- SPIRÆA opulifolia, L. (Nine Bark.)—Western part of the State.
 tomentosa, L. (Hardhack.)—Coast to the mountains.
 salicifolia, L. (Queen of the Meadow.)—Mid. and Up. Dist.
 lobata, Murr. (Queen of the Prairie.)—Mountains south of the French Broad.
 Aruncus, L. (Goat's Beard.)—Mid. and Up. Dist.
- GILLENIA trifoliata, Mœnch. (Indian Physic.)—Mid. and Up. Dist.
 stipulacea, Nutt. (American Ipecac.)—Do., but rare.
- AGRIMONIA Eupatoria, L. (Feverfew.)—Common.
 parviflora, Ait.—Do.
- SANGUISORBA Canadensis, L. (Wild Burnet.)—Mountain valleys.

- ALCHEMILLA *arvensis*, L. (Parsley Piert.)—Streets of Oxford, Bath, Washington and Plymouth.
- GEUM *album*, Gmel. (Avens.)—All the Districts.
geniculatum, Michx.—Sides of the higher mountains.
radiatum, Michx.—Tops of the higher mountains.
- WALDSTEINIA *fragarioides*, Tratt. (Barren Strawberry.)—Mid. and Up. Dist.
- POTENTILLA *Norvegica*, L.—Rare, in all the Districts.
Canadensis, L. (Five Finger.)—Very common.
tridentata, Ait. (Mountain Five Finger.)—Rocky summits of mountains.
- FRAGARIA *Virginiana*, Ehrh. (Strawberry.)—All the Districts.
Indica, Ait. (Indian Strawberry.)—Low. and Mid. Dist.
- RUBUS *odoratus*, L. (Flowering Raspberry.)—Mid. Dist.
occidentalis, L. (Purple Raspberry.)—Mid. Dist.
villosus, Ait. (High Blackberry.)—Common.
cuneifolius, Pursh, (Low Blackberry.)—Common in old fields and on road sides.
trivialis, Michx. (Dewberry.)—Common.
hispidus, L. (Swamp Blackberry.)—Swamps in the mountains.
- ROSA *Carolina*, L. (Swamp Rose.)—Common, mostly in wet grounds.
lucida, Ehrh. (Wild, or Dwarf Rose.)—Common in dry woods.
rubiginosa, L. (Sweet Brier.)—Near settlements.
lævigata, Michx. (Cherokee Rose.)—Low. Dist.
- CRATÆGUS *spathulata*, Michx. (Narrow-leaved Thorn.)—Low. and Mid. Dist.
flava, Ait. (Summer Haw.)—Do.
glandulosa, Michx. (Hairy Thorn.)—Common.
parvifolia, Ait. (Dwarf Thorn.)—Do.
tomentosa, Linn. (Black Thorn.)—Mid. and Up. Dist.
“ *var. punctata*, Gray.—Tops of Mountains.
coccinea, L. (Scarlet Haw.)—Mid. and Up. Dist.
cordata, Ait. (Washington Thorn.)—Mid. Dist.
apiifolia, Michx. (Parsley-leaved Haw.)—Low. and Mid. Dist.
Crus-galli, L. (Cockspur Thorn.)—Common.
- PYRUS *coronaria*, L. (Crab Apple.)—Vallies of the mountains.

PYRUS angustifolia, Ait. (Narrow-leaved Crab.)—Low. and Mid. Dist.

arbutifolia, L. (Chokeberry.)—Low. and Mid. Dist.

“ var: *melanocarpa*.—Mountains.

Americana, D. C. (Mountain Sumach. Wine Tree. Mountain Ash.)—Mountains.

AMELANCHIER Canadensis, L. (Service Tree.)—Common.

CALYCANTHACEÆ.

CALYCANTHUS floridus, L. (Sweet Shrub.)—Mountains.

lœvigatus, Willd.—Mid. and Up. Dist.

glauca, Willd.—From Lincoln westward.

MELASTOMACEÆ.

RHEXIA Mariana, L.—Common.

“ var: *lanccolata*.—Low. Dist.

Virginica, L.—Mid. and Up. Dist.

glabella, Michx. (Deer Grass.)—Low. Dist.

ciliosa, Michx.—Low. and Mid. Dist.

lutea, Walt.—Low. Dist.

LYTHRACEÆ.

LYTHRUM alatum, Pursh. (Loosestrife.)—Low. Dist.

lineare, L.—Low. Dist.

HYPOBRYCHIA Nuttallii, Tor. & Gr.—Near Lincolnton.

AMMANIA humilis, Michx.—Mid. Dist.

“ var: *ramosior*.—Low. Dist.

NESÆA verticillata, H. B. & K. (Swamp Loosestrife.)—Low. Dist.

CUPHEA viscosissima, Jacq.—Mid. Dist.

ONAGRACEÆ.

GAURA biennis, L.—Mid. Dist., and Buncombe to Cherokee.

angustifolia, Michx.—Low. Dist.

OENOTHERA biennis, L. (Evening Primrose.)—Common, mostly in plantations.

sinuata, L.—Low. and Mid. Dist.

“ var: *humifusa*.—Sea-beach.

glauca, Michx.—Mid. and Up. Dist.

riparia, Nutt.—Low. Dist.

fruticosa, L. (Sundrops.)—Common.

“ var: *ambigua*.—Mountains.

linearis, Michx.—Mid. and Up. Dist.

- OENOTHERA pumila, L.—Up. Dist.
 EPILOBIUM angustifolium, L. (Willow Herb.)—Mountains.
 coloratum, Muhl.—All the Districts.
 palustre, L.—Mountains.
 JUSSIEA decurrens, D. C.—Common.
 LUDWIGIA alternifolia, L. (Seed Box.)—Common.
 virgata, Michx.—Low. Dist.
 hirtella, Raf.—Do.
 linearis, Walt.—Do.
 linifolia, Poir.—Do.
 pilosa, Walt.—Low. and Mid. Dist.
 sphærocarpa, Ell.—Low. Dist. Rare.
 capitata, Michx.—Do.
 alata, Ell.—Do.
 microcarpa, Michx.—Do.
 palustris, Ell. (Water Purslane.)—Common.
 natans, Ell.—Low. Dist.
 arcuata, Walt.—Do.
 CIRCEA Lutetiana, L. (Enchanter's Nightshade.)—Mid. and Up.
 Dist.
 alpina L.—Lincoln to Cherokee.
 PROSERPINACA palustris, L. (Mermaid Weed.)—Low. Dist.
 pectinacea, Lam.—Low. Dist.
 MYRIOPHYLLUM verticillatum, L. (Water Milfoil.)—Low. Dist.
 heterophyllum, Michx.—Low. Dist.
 scabratum, Michx.—Mid. Dist.

CACTACEÆ.

- OPUNTIA vulgaris, Mill. (Prickly Pear.)—Low. and Mid. Dist.

GROSSULACEÆ.

- RIBES Cynosbati, L. (Prickly Gooseberry.)—Mountains.
 rotundifolium, Michx. (Smooth Gooseberry.)—Do.
 gracile, Michx. (Slender Gooseberry.)—Do.
 prostratum, L'Her. (Fetid Currant.)—Do.
 resinosum, Pursh. (Bristly Currant.)—Do.

TURNERACEÆ.

- PIRIQUETA fulva, Chapm.—Near Newbern. (*Croom.*)

PASSIFLORACEÆ.

- PASSIFLORA incarnata, L. (May Pop.)—Common.

PASSIFLORA lutea, L.—All the Districts.

CUCURBITACEÆ.

LAGENARIA vulgaris, Sering. (Gourd.)—About settlements.

MELOTHRIA pendula, L.—Low. Dist.

SICYOS angulatus, L. (One-seeded Cucumber.)—Banks of the Catawba, Lincoln.

CRASSULACEÆ.

SEDUM telephioides, Michx. (Wild Orpine.)—Rocky summits of mountains.

ternatum, Michx. (Three-leaved Stone Crop.)—Mid. and Up. Dist.

pulchellum, Michx. (Mountain Moss.)—Mountains.

DIAMORPHIA pusilla, Nutt.—Dunn's mountain, Rowan; and Franklin county. (*Rev. J. B. Cheshire.*)

PENTHORUM sedoides, L. (Ditch Stone Crop.)—Common.

SAXIFRAGACEÆ.

SAXIFRAGA lucanthemifolia, Michx.—Mountains.

erosa, Pursh. (Lettuce Saxifrage.)—Mountain streams.

Virginiana, Pursh. (Early Saxifrage.)—All the Districts.

Careyana, Gray. (Carey's Saxifrage.)—Mountains.

Caroliniana, Gray. (Carolina Saxifrage.)—Do.

HEUCHERA Americana, L. (Alum Root.)—Low. and Mid. Dist.

villosa, Michx.—Mountains.

Curtisii, Gray.—Buncombe Co.

pubescens, Pursh.—Mountains.

hispida, Pursh.—Do.

BOYKINIA aconitifolia, Nutt.—Mountains.

ASTILBE decandra, Don. (False Goat's Beard.)—Mountain sides.

TIARELLA cordifolia, L. (False Mitre Wort.)—Mid. and Up. Dist.

MITELLA diphylla, L. (Mitre Wort.)—Mountains.

CHRYOSPLENIUM Americanum, Schwein. (Golden Saxifrage.)—Haywood county.

ITEA Virginica, L.—Coast to Lincoln.

HYDRANGEA arborescens, L. (Wild Hydrangea.)—Mid. and Up. District.

radiata, Walt. (Snowy Hydrangea.)—Mountain.

DECUMARIA barbara, L.—Low. Dist.

- PHILADELPHUS grandiflorus, Willd. (Syringa.)—Hickory Gap.
 hirsutus, Nutt. (Rough Syringa.)—French Broad
 River.

HAMAMELACEÆ.

- HAMAMELIS Virginica, L. (Witch Hazel.)—Common.
 FOTHERGILLA alnifolia, L. (Dwarf Alder.)—Coast to Lincoln.
 LIQUIDAMBAR Styraciflua, L. (Sweet Gum.)—All the Districts.

UMBELLIFERÆ.

- HYDROCOTYLE Americana, L. (Penny Wort.)—Up. Dist.
 umbellata, L. (Water Grass.)—Common.
 ranunculoides, L.—Low. Dist.
 interrupta, Muhl.—Do.
 repanda, Pers.—Do.
 CRANTZIA lineata, Nutt.—Low. Dist.
 SANICULA Marilandica, L. (Sanicle.)—Common.
 Canadensis, L.—Do.
 ERYNGIUM yuccæfolium, Michx. (Button Snake-root.)—Common.
 Virginianum, Lam.—Low. Dist.
 præaltum, Gray.—Do.
 virgatum, Lam.—Common.
 DACCUS pusillus, Michx. (Dwarf Carrot.)—Low. Dist.
 Carota, L. (Carrot.)—Occasionally naturalized.
 CICUTA maculata, L. (Water Hemlock. Wild Parsnip.)—Common.
 PASTINACA sativa, L. (Parsnip.)—About settlements.
 CRYPTOTÆNIA Canadensis, D. C. (Honewort.)—Mid. Dist.
 LEPTOCAULIS divaricatus, D. C.—Low. Dist.
 DISCOPLEURA capillacea, D. C. (Bishop Weed.)—Low. and Mid.
 District.
 SIUM lineare, Michx. (Water Parsnip.)—Mid. Dist.
 BUPLEURUM rotundifolium, L. (Thorough-Wax.)—Mid. Dist. Spar-
 ingly naturalized.
 ZIZIA integerrima, D. C.—Lincoln and westward.
 THIASPIUM barbinode, Nutt.—Common.
 pinnatifidum, Gray.—French Broad and Sugar Town
 Rivers. (*Buckley*.)
 aureum, Nutt. (Meadow Parsnip.)—Common.
 trifoliatum, Gray.—Mid. and Up. Dist.
 LIGUSTICUM actæifolium, Michx. (Angelico.)—Mid. and Up. Dist.
 ANGELICA Curtisii, Buckl.—Sides of mountains.

- ARCHANGELICA hirsuta, Tor. & Gr.—Mid. and Up. Dist.
 CONIOSELINUM Canadense, Tor. and Gr. (Hemlock Parsley).—
 Grandfather Mt. (*Prof. Gray*)
 TIEDEMANNIA teretifolia, D. C. (Water Drop-wort).—Low. Dist.
 ARCHEMORA rigida, D. C. (Cowbane. Pig Potatoe).—Common.
 ternata, Nutt.—Low. Dist.
 HERACLEUM lanatum, Michx. (Cow Parsnip).—Mountain valleys.
 CHÆROPHYLLUM procumbens, Lam. (Chervil).—Mid. Dist.
 OSMORHIZA brevistylis, D. C. (Sweet Cicely).—Mid. and Up. Dist.

ARALIACEÆ.

- ARALIA racemosa, L. (Spikenard).—Mountains.
 hispida, Michx. (Rough Sarsaparilla).—Do.
 nudicaulis, L. (Wild Sarsaparilla).—Do.
 spinosa, (Prickly Ash. Hercules Club).—Coast to Cherokee-
 PANAX quinquefolium, L. (Ginseng. Sang).—Mountains.
 trifolium, L. (Dwarf Ginseng).—Newbern. (*Mr. Croom*.)

CORNACEÆ.

- CORNUS alternifolia, L'Her.—Mountains.
 stricta, Lam.—Low. Dist.
 paniculata, L'Her.—Mountains.
 sericea, L. (Swamp Dogwood).—Mid. and Up. Dist.
 florida, L. (Dogwood).—Common.
 NYSSA multiflora, Wang. (Sour Gum).—Low. and Mid. Dist.
 aquatica, L. (Black Gum).—Do.
 uniflora, Walt. (Cotton Gum).—Low. Dist.

CAPRIFOLIACEÆ.

- SYMPHORICARPUS vulgaris, Michx. (Coral Berry).—Mid. Dist.
 DIERVILLA trifida, Mœnch. (Bush Honeysuckle).—Mountains.
 sessilifolia, Buckl.—Mountains.
 LONICERA sempervirens, Ait. (Woodbine).—Common.
 grata, Ait. (Yellow Woodbine).—Mountains.
 parviflora, Lam. (Small Woodbine).—Do.
 TRIOSTEUM perfoliatum, L. (Genson. Horse Gentian).—Mid. and
 Up. Dist.
 angustifolium, L.—Lincoln and westward.
 SAMBUCUS Canadensis, L. (Elder).—Common.
 pubens, Michx. (Red-berried Elder.) High mountains.
 VIBURNUM prunifolium, L. (Black Haw).—Common.

- VIBURNUM** *Lentago*, L. (Sheep Berry.)—Mountains.
obovatum, Walt.—Low. Dist. Rare.
acerifolium, L. (Maple-leaved Arrow-wood.)—Mid. and
 Up. Dist.
nudum, L. (Possum Haw. Shawnee Haw.)—Common.
dentatum, L. (Arrow-wood.)—Low. and Mid. Dist.
pubescens, Pursh. (Downy Arrow-wood.)—Mountains.
lantanoides, Michx. (Hobble Bush. Tangle Legs.)—Do.

RUBIACEÆ.

- GALIUM** *hispidulum*, Michx.—Low. Dist.
trifidum, L. (Small Bedstraw.)—Common.
triflorum, Michx. (Sweet Bedstraw.)—Mid. and Up. Dist.
pilosum, Ait.—Common.
circæzans, Michx. (Wild Liquorice.)—Low. and Mid. Dist.
latifolium, Michx.—Mountains.
DIODIA *Virginiana*, L. (Button-weed.)—Low. and Mid. Dist.
teres, Walt.—Common.
CEPHALANTHUS *occidentalis*, L. (Button Bush. Box.)—Common.
MITCHELLA *repens*, L. (Wild Running Box.)—Common.
OLDENLANDIA *cœrulea*, Gray. (Bluets.)—Common.
serpyllifolia, Gray.—Mountains.
purpurea, Gray.—Common.
 “ var: *longifolia*, Gr.—Do.
 “ var: *tenuifolia*, Gr.—Mountains.
glomerata, Michx. Low. Dist.
SPIGELIA *Marilandica*, L. (Pink Root.)—Low. and Mid. Dist. Rare.
MITREOLA *petiolata*, Tor. & Gr. (Mitre Wort.)—Low. Dist.
sessilifolia, Tor. & Gr.—Low. Dist.
POLYPREMUM *procumbens*, L.—Low. and Mid. Dist.
GELSEMIUM *sempervirens*, Ait. (Yellow Jessamine.)—Low. and
 Mid. Dist.

VALERIANACEÆ.

- FEDIA** *radiata*, Michx. (Lamb Lettuce.)—Low. and Mid. Dist.

COMPOSITÆ.

- VERNONIA** *oligophylla*, Michx.—Mid. Dist.
Novæboracensis, Willd. (Iron-weed.)—Common.
fasciculata, Michx.—Mid. Dist. ? (*Prof. Mitchell*.)
angustifolia, Michx.—Low. Dist.

- ELEPHANTOPHUS** *Carolinianus*, Willd. (Elephant's foot.)—Low. and Mid. Dist.
tomentosus, L.—Low. and Mid. Dist.
- SCLEROLEPIS** *verticillata*, Cass.—Low. Dist.
- CARPHEPHORUS** *tomentosus*, Tor. & Gr.—Low. Dist.
corymbosus, T. & G.—Low. Dist.
bellidifolius, T. & G.—Do.
- LIATRIS** *squarrosa*, Willd. (Blazing Star.)—Low. and Mid. Dist.
tenuifolia, Nutt.—Low. Dist.
pauciflora, Pursh.—Do.
graminifolia, Willd.—Common.
spicata, Willd. (Button Snake Root.)—Common.
pilosa, Willd.—Henderson Co.
scariosa, Willd.—Mid. and Up. Dist.
heterophylla, Br.—Anson Co.
odoratissima, Willd. (Vanilla Plant.)—Low. Dist.
paniculata, Willd.—Low. Dist.
- KUHNTIA** *eupatorioides*, L.—Common.
- EUPATORIUM** *purpureum*, L. (Trumpet Weed.)—Common.
hyssopifolium, L.—Common.
leucolepis, Tor. & Gr.—Low. Dist.
cuneifolium, Willd.—S. E. part of the State.
parviflorum, Ell.—Low. Dist. ? (*Prof. Mitchell.*)
rotundifolium, L.—Low. and Mid. Dist.
teucrifolium, Willd.—Common.
album, L.—Common.
altissimum, L.—Lincoln and westward.
sessilifolium, L. (Upland Boneset.)—Mid. and Up. Dist.
pinnatifidum, Ell.—Low. Dist.
perfoliatum, L. (Wild Sage. Boneset. Thoroughwort.)—Common.
serotinum, Michx.—Low. and Mid. Dist.
ageratoides, L. (Rich Weed.)—Mountain sides.
aromaticum, L. (Wild Horehound.)—Common.
incarnatum, Walt.—Low. Dist.
feniculaceum, Willd. (Dog Fennel.)—Low. and Mid. Dist.
coronopifolium, Willd. (Dog Fennel.)—Do.
- MIKANIA** *scandens*, Willd. (Climbing Hemp-weed.)—Common.

- CONOCLINIUM *coelestinum*, D. C. (Mist Flower.)—Low. Dist.
 SERICOCARPUS *conyzoides*, Nees. (White-topped Aster.)—Low. and
 Mid. Dist.
 solidagineus, Nees.—Low. and Mid. Dist.
 tortifolius, Nees. (Rattlesnake's Master.)—Low. Dist.
- ASTER *corymbosus*, Ait. (Starwort. Aster.)—Up. Dist.
 macrophyllus, L.—Lincoln and westward.
 spectabilis, Ait.—Low. Dist.
 gracilis, Nutt.—Mid. Dist.
 surculosus, Michx.—Low. and Up. Dist.
 paludosus, Ait.—Low. Dist.
 sericeus, Vent.—Up. Dist.
 concolor, L.—All the Districts.
 squarrosus, Walt.—Low. Dist.
 patens, Ait.—Common.
 lævis, L.—Mid. and Up. Dist.
 gracilentus, Tor. & Gr.—Lincoln.
 concinus, Willd.—Mid. Dist. ? (*Schweinitz*.)
 undulatus, L.—Common.
 cordifolius, L.—Mountains.
 sagittifolius, Willd.—Mid. and Up. Dist.
 ericoides, L.—Mid. and Up. Dist.
 “ var: *villosus*.—Do.
 “ var: *platyphyllus*.—Mid. Dist.
 multiflorus, Ait.—Up. Dist.
 dumosus, L.—Common.
 Tradescanti, L.—Up. Dist.
 miser, L.—Common.
 simplex, Willd.—Low. Dist.
 tenuifolius, L.—Up. Dist.
 carneus, Nees?—Low. Dist.
 Novi-Belgii, L.—Low. Dist.
 longifolius, Lam.—Do.
 Elliottii, Tor. & Gr.—Do.
 puniceus, L.—Mid. and Up. Dist.
 preanthoides, Muhl.—Mountains.
 grandiflorus, L.—Mid. and Up. Dist.
 Curtisii, Tor. & Gr.—Mountains.
 Novæ-Angliæ, L.—Low. Dist.

- ASTER acuminatus**, Michx.—Mountains.
flexuosus, Nutt.—Salt Marshes.
linifolius, L.—Do.
- ERIGERON strigosum**, Muhl. (Daisy Fleabane.)—Common.
Canadense, L. (Horse-weed. Hog-weed.)—Common.
Philadelphicum, L. (Fleabane.)—Do.
bellidifolium, Muhl. (Robin's Plantain.)—Do.
vernum, Tor. & Gr.—Low. Dist.
- DIPLOPAPPUS linariifolius**, Hook.—Common.
cornifolius, Darl.—Mountains.
amygdalinus, Tor. & Gr.—Mid. and Up. Dist.
umbellatus, T. & G.—Mountains.
- BOLTONIA diffusa**, Ell.—Low. Dist.
glastifolia, L'Her.—Low. & Mid. Dist.
asteroides, L'Her.—Lincoln and westward.
- SOLIDAGO squarrosa**, Muhl. (Golden Rod.)—Yancey County.
pubens, M. A. C.—Mecklenburg and westward.
latifolia, L.—Up. Dist.
cæsia, L.—Common.
Curtisii, Tor. & Gr.—Mountains.
monticola, T. & G.—Do.
lancifolia, T. & G.—Mountains.
bicolor, L.—Very common.
puberula, Nutt.—Low. Dist.
 “ var. **pulverulenta**.—Do.
petiolaris, Ait.—Low. and Mid. Dist.
speciosa, Nutt.—Mid. and Up. Dist.
verna, M. A. C.—Low. Dist.
glomerata, Michx.—Mountains.
rigida, L.—Mountains.
spithamæa, M. A. C.—Summits of highest Mountains.
virgata, Michx.—Low. Dist.
angustifolia, Ell.—Do.
sempervirens, L.—Do.
patula, Muhl.—Up. Dist.
 “ var. **strictula**.—Low. Dist.
arguta, Ait. var. **junceæ**.—Low. and Mid. Dist.
Boottii, Hook.—Low. Dist.
altissima, L.—Common.

- SOLIDAGO** *ulmifolia*, Muhl.—Up. Dist.
Elliottii, T. & G.—Low. Dist.
pilosa, Walt.—Do.
odora, Ait. (Anise-scented Golden Rod.)—Common.
tortifolia, Ell.—Low. Dist.
cordata, Short.—Mountains.
nemoralis, Ait.—Common.
Canadensis, L.—Mid. & Up. Dist.
serotina, Ait.—Mid. Dist.
gigantea, Ait.—Common.
lanceolata, L.—Low. & Mid. Dist.
tenuifolia, Pursh.—Common.
- BIGELOVIA** *nudata*, D. C.—Low. Dist.
- CHRYSOPSIS** *graminifolia*, Nutt. (Silk Grass. Scurvy Grass.)—Low. & Mid. Dist.
Mariana, Nutt.—Common.
trichophylla, Nutt.—Low. Dist.
gossypina, Nutt.—Do.
- INULA** *Helenium*, L. (Elecampane.)—Up. Dist.
- BACCHARIS** *halimifolia*, L. (Groundsel.)—Low. Dist.
glomeruliflora, Pers.—Do.
angustifolia, Michx.—Do.
- PLUCHEA** *bifrons*, D. C. (Marsh Fleabane.)—Low. Dist.
foetida, D. C. (Stinking Fleabane.)—Common.
camphorata, D. C.—Low. Dist.
- PTEROCAULON** *pycnostachyum*, Ell. (Black Root.)—Low. Dist.
- POLYMNIA** *Canadensis*, L. (Leaf-cup.)—Mountains.
Uvedalia, L. (Bear's Foot.)—All the Districts.
- CHRYSOGONUM** *Virginianum*, L.—Low. and Mid. Dist.
- SILPHIUM** *compositum*, Michx.—Mid. and Up. Dist.
 “ var. *Michauxii*, T. & G.—Low. and Mid. Districts.
trifoliatum, L.—Up. Dist.
Asteriscus, L.—Mid. Dist.
 “ var. *dentatum*.—Do.
perfoliatum, L.—Mountains.
- BERLANDIERA** *tomentosa*, T. & G.—Richmond Co. and southward.
- PARTHENIUM** *integrifolium*, L.—Common.
- IVA** *frutescens*, L. (Marsh Elder.)—Salt Marshes.

- Iva imbricata*, Walt.—Sea coast.
- AMBROSIA** *trifida*, L. (Buffalo Weed.)—Mid. and Up. Dist.
artemisiæfolia, L. (Ragweed. Carrot-weed. Stick-weed.)—Common.
- XANTHIUM** *strumarium*, L. (Cockle-bur.)—Common.
spinosum, L. (Thorny Cockle-bur.)—In streets of Low. and Mid. Dist.
- ECLIPTA** *erecta*, L.—Low. and Mid. Dist.
- BORRICHIA** *frutescens*, D. C. (Sea Ox-eye.)—Salt Marshes.
- ZINNIA** *multiflora*, D. (Zinnia.)—Sparingly naturalized.
- HELIOPSIS** *lævis*, Pers. (Ox-eye)—Lincoln and Westward.
- ECHINACEA** *purpurea*, Mœench. (Purple Cone-flower.)—Mid. and Up. Dist.
- TETRAGONOTHECA** *helianthoides*, L.—Mid. and Up. Dist.
- RUTBECKIA** *hirta* L. (Cone-flower.)—All the Districts.
fulgida, Ait.—Mid. Dist.
triloba L.—Mountains.
laciniata L.—Mid. and Up. Dist.
- LEPACHYS** *pinnata*, Tor. & Gr.—Up. Dist.
- HELIANTHUS** *angustifolius*, L. (Sunflower.)—Common.
heterophyllus, Nutt.—Low. Dist.
atrorubens, L.—Common.
occidentalis, Riddell; var: *Dowellianus*, T. & G.—Macon Co.
giganteus, L.—Low. and Mid. Dist.
tomentosus, Michx.—Lincoln and westward.
strumosus, L.—Common.
decapetalus, L.—Mid. and Up. Dist.
hirsutus, Raf.—Lincoln and westward.
divaricatus, L.—Mid. and Up. Dist.
microcephalus, T. & G.—Mid. Dist.
Schweinitzii, T. & G.—Mid. Dist.
lævigatus, T. & G.—Lincoln Co.
- ACTINOMERIS** *squarrosa*, Nutt.—Mid. and Up. Dist.
- COREOPSIS** *discoidea*, T. & G. (Tickseed.)—Low. and Mid. Dist.
aurea, Ait.—Low. Dist.
trichosperma, Michx. (Tickseed Sunflower.)—Low. Dist.
tripteris, L. (Tail Coreopsis.)—Up. Dist.
latifolia, Michx.—Mountains.

- COREOPSIS** *senifolia*, Michx.—Mid. and Up. Dist.
verticillata, L.—Low. and Mid. Dist.
auriculata, L.—Common.
lanceolata, L.—Mid. Dist.
gladiata, Walt.—All the Districts.
angustifolia, Ait.—Low. Dist.
integrifolia, Poir.—Do.
- BIDENS** *frondosa*, L.—Low. and Mid. Dist.
chrysanthemoides, Michx. (Bur Marigold.)—Common.
bipinnata, L. (Spanish Needles. Beggar Lice.)—Common.
- VERBESINA** *Siegesbeckia*, Michx. (Stick weed. Crown-beard.)—
 All the Districts.
Virginica, L.—Upper Dist.
- HELENIUM** *autumnale*, L. (Sneeze-weed) —Common.
quadridentatum, Labill.—Low. Dist.
- LEPTOPODA** *Helenum*, Nutt.—Mid. Dist.
puberula, Macbr.—Low. Dist.
brevifolia, Nutt.—Do.
brachypoda, T. & Gr.—Do.
- BALDWINIA** *uniflora*, Ell.—Low. Dist.
- MARSHALLIA** *latifolia*, Pursh.—Mountains.
lanceolata, Pursh.—All the Districts.
 “ var: *platyphylla*, M. A. C.—Mid. Dist.
angustifolia, Pursh.—Low. Dist.
- MARUTA** *Cotula*, D. C. (May Weed. False Chamomile.)—Streets
 and road sides.
- ACHILLEA** *millefolium*, L. (Milfoil. Yarrow.)—About settlements.
- LEUCANTHEMUM** *vulgare*, Lam. (White Daisy. White-weed.) In
 grass lands.
- TANACETUM** *vulgare*, L. (Tansy.)—About settlements.
- ARTEMISIA** *caudata*, Michx. (Wild Wormwood.)—Low. Dist.
vulgaris, L. (Mugwort.)—Mid. Dist. (Vuttall.)
- GNAFHALIUM** *polyccephalum*, Michx. (Everlasting.)—Common.
purpureum, L. (Cudweed.)—Common.
- ANTENNARIA** *margaritacea*, R. Br. (Everlasting.)—Mid. and Up.
 Dist.
plantaginifolia, Hook.—Common.
- FILAGO** *Germanica*, L. (Cotton Rose.)—Mid. Dist.
- ERECITHITES** *hieracifolia*, Raf. (Fire-weed.)—Common.

- CACALIA** atriplicifolia, L. (Indian Plantain.)—Mid. and Up. Dist.
 suaveolens, L.—Henderson Co.
 reniformis, Muhl. (Wild Collard.)—Mountain sides.
- SENECIO** lobatus, Pers.—Low. Dist.
 aureus, L. (Ragwort.)—Mid. and Up. Dist.
 “ var: Balsamitæ.—Do.
 tomentosus, Michx.—Low. and Up. Dist.
 Elliottii, T. & G.—Mid. and Up. Dist.
 Millefolium, T. & G.—Cæsar’s Head, (*Buckley*.) and
 Whiteside Mt.
- RUGELIA** nudicaulis, Shuttl.—Jackson Co. (*Buckley*.)
- ARNICA** nudicaulis, Ell.—Low. and Mid. Dist.
- CENTAUREA** *calcitrapa*, L. (Star Thistle.)—Mid. Dist. ?—(*Prof.*
Mitchell.)
- CIRSIUM** *lanceolatum*, Scop. (Thistle.)—Mid. and Up. Dist.
 discolor, Spreng.—Up. Dist.
 altissimum, Spreng.—Low. and Mid. Dist.
 Nuttallii, D. C.—Mid. Dist.
 Virginianum, Michx.—Low. and Mid. Dist.
 muticum, Michx. (Swamp Thistle.)—Low. Dist.
 repandum, Michx.—Sand barrens of Low. Dist.
 horridulum, Michx. (Yellow Thistle.)—Low. Dist.
 “ var: Elliottii, T. & G.—Low. Dist.
- LAPPA** *major*, Gært. (Burdock.)—Mid. and Up. Dist.
- CHAPTALIA** tomentosa, Vent.—Low. Dist.
- KRIGIA** Virginica, Willd.—Low. and Mid. Dist.
 Caroliniana, Nutt.—Mid. Dist.
- CYNTHIA** Virginica, Don.—Mid. and Up. Dist.
 Dandelion, D. C.—Mid. Dist.
 “ var: montana, Chapm.—Mountains.
- HIERACTIUM** *scabrum*, Michx. (Hawkweed.)—Mountains.
 Gronovii, L.—Low. to Up. Dist.
 venosum, L. (Rattlesnake-weed. Robin’s Plantain.)—
 Mid. and Up. Dist.
 paniculatum, L.—All the Districts.
- NABALUS** albus, Hook. (White Lettuce. Rattlesnake Root.)—
 Common.
 altissimus, Hook.—Low. and Mid. Dist.
 Fraseri, D. C. (Gall of the Earth.)—Low. to Up. Dist.

- NABALUS virgatus*, D. C.—Low. Dist.
crepidineus, D. C.—Mountains.
- TARAXACUM Dens-Leonis*, Desf. (Dandelion.)—Common.
- PYRRHOPAPPUS Carolinianus*, D. C. (False Dandelion.)—Low. and Mid. Dist.
- LACTUCA elongata*, Muhl. (Wild Lettuce.)—Common.
 “ var: *graminifolia*.—Low. Dist.
 “ var: *sanguinea*.—Lincoln Co.
- MULGEDIUM acuminatum*, D. C. (Blue Lettuce.)—Common.
Floridanum, D. C.—Common.
leucophæum, D. C.—Mountains.
- SONCHUS oleraceus*, L. (Sow Thistle.)—Common.
asper, Vill.—Mid. Dist.

LOBELIACEÆ.

- LOBELIA cardinalis*, L. (Cardinal Flower.)—Common.
syphilitica, L. (Great Lobelia.)—Mid. and Up. Dist.
puberula, Michx. (Blue Lobelia.)—Low. and Mid. Dist.
leptostachys, A. D. C.—Lincoln to Cherokee.
ancœna, Michx.—Low. and Mid. Dist.
glandulosa, Walt.—Common.
inflata, L. (Indian Tobacco. Lobelia.)—Mid. and Up. Dist.
spicata, Lam.—Mid. and Up. Dist.
Nuttallii, R. & S.—Low. and Mid. Dist.
paludosa, Nutt.—Low. Dist.

CAMPANULACEÆ.

- CAMPANULA Americana*, L. (Bell-flower.)—Low, to Up. Dist.
aparinoides, Pursh. (Marsh Bell-flower.)—Mountain Swamps.
divaricata, Michx. (Hare-bell.)—Mountain sides.
flexuosa, Michx.—Mountains. (*Michaux.*)
- SPECTULARIA perfoliata*, A. D. C. (Venus' Looking Glass.)—Common.
 “ var: *Ludoviciana*.—Mid. Dist.

ERICACEÆ.

- GAYLUSSACTA frondosa*, Tor. & Gr. (Blue Huckleberry.)—Low. and Mid. Dist.
dumosa, T. & G. (Dwarf Huckleberry.)—Do.
 “ var: *hirtella*.—Do.

- GAYLUSSACIA resinosa*, T. & G. (Black Huckleberry.)—Mid. and Up. Dist.
ursina, Gray. (Bear Huckleberry. Bearberry.)—Haywood county and southward.
- VACCINIUM corymbosum*, L. (Swamp Huckleberry.)—Common.
Constablæi, Gray. (Pale Dwarf Blueberry.)—Summits of mountains.
tenellum, Ait. Low. and Mid. Dist.
hirsutum, Buckl. (Bristly Huckleberry.)—Mountains of Cherokee.—(*Buckley*.)
myrsinites, Michx.—Pine Barrens.
arborescens, Michx. (Sparkleberry.)—Coast to Cherokee.
stamineum, L. (Deerberry. Gooseberry.)—Common.
crassifolium, Andr. (Creeping Huckleberry.)—Low. Dist.
erythrocarpon, Michx.—Higher mountains.
macrocarpon, Ait. (Cranberry.)—Swamps of Low. and Up. Dist.
- EPIGÆA repens*, L. (Trailing Arbutus. Crocus.)—Common.
- GAULTHERIA procumbens*, L. (Mountain Tea. Wintergreen.)—Low. and Up. Dist.
- LEUCOTHOE axillaris*, Don.—Low. Dist.
Catesbæi, Gray. (Dog Laurel.)—Mountains.
racemosa, Gray.—Low. and Mid. Dist.
recurva, Gray.—Near Paint Rock. (*Buckley*.)
- CASSANDRA calyculata*, Don.—Low. Dist.
- ANDROMEDA floribunda*, Pursh. Mountains.—(*Pursh. Buckley*.)
nitida, Bartr. (Fetter Bush.)—Low. Dist.
Mariana, L. (Stagger Bush.)—Low. and Mid. Dist.
speciosa, Michx.—Low. Dist.
ligustrina, Muhl. (Pepper Bush.)—Common.
- OXYDENDRUM arboreum*, D. C. (Sour Wood. Sorrell Tree.)—All the Districts.
- CLETHRA alnifolia*, L. (White Alder. Sweet Pepper Bush.)—Low. and Mid. Dist.
 " var: *tomentosa*.—Low. Dist.
acuminata, Michx. (Mountain Pepper Bush.)—Mountains.
- KALMIA latifolia*, L. (Ivy.)—All the Districts; rare in the Lower.
angustifolia, L. (Wicky.)—All the Districts.
cuneata, Michx.—Low. Dist.

- MENZIESIA globularis**, Salisb. (Minnie Bush.)—Mountains.
AZALEA nudiflora, L. (Purple Honeysuckle.)—Common.
calendulacea, Michx. (Yellow Honeysuckle.)—Mountains.
viscosa, L. (Clammy Honeysuckle.)—Up. Dist.
 “ var: *glauca*.—Mid. Dist.
arborescens, Pursh. (Smooth Honeysuckle.)—Common.
RHODODENDRON maximum. (Laurel.)—Mid. and Up. Dist.
Catawbiense, Michx. (Oval-leaved Laurel.)—On highest mountains.
punctatum, Andr. (Dwarf Laurel.)—Mountains.
LEIOPHYLLUM buxifolium, Ell. (Sand Myrtle.)—Mountains, and in Brunswick county.
PYROLA rotundifolia, L. (False Wintergreen.)—Low. Dist.
CHIMAPHILA umbellata, Nutt. (Prince’s Pine. Pipsissewa.) Low. to Up. Dist.
maculata, Pursh. (Spotted Wintergreen.) Common.
SHORTIA galacifolia, Gray.—Mountains. (*Michaux.*)
SCHWEINITZIA odorata, Ell.—Salem. (*Schweinitz.*) Table mountain. (*Prof. Gray.*)
MONOTROPA uniflora, L. (Eye-bright.)—Common.
Hypopitys, L. (Pine Sap.)—Mid. and Up. Dist.
 GALACINEÆ.
GALAX aphylla, L. (Colt’s Foot.)—Beaufort county to mountains.
 AQUIFOLIACEÆ.
ILEX opaca, Ait. (Holly.)—Common.
Dahoon, Walt. var: *myrtifolia*, Chapm. (Dahoon Holly.)—Low. Dist.
Cassine, L. (Yaupon.)—Near the Coast.
decidua, Walt.—Mid. Dist.
ambigua, Chapm.—Mountains.
verticillata, Gray.—Common.
glabra, Gray. (Gallberry. Inkberry.)—Low. Dist.
coriacea, Chapm. (Tall Gallberry.)—Do.
 STYRACACEÆ.
STYRAX grandifolia, Ait. (Mock Orange.)—Coast to Lincoln.
Americana, Lam.—Low. Dist.
HALESIA tetraptera, L. (Snow-drop Tree.)—All the Districts.
SYMPLOCOS tinctoria, L’Her. (Yellow Wood. Sweet Leaf.)—Common.

CYRILLACEÆ.

CYRILLA *racemiflora*, Walt. (Burn-wood Bark. The Huckleberry.)—
Low. Dist.

EBENACEÆ.

DIOSPYROS *Virginiana*, L. (Persimmon.)—Common.

SAPOTACEÆ.

BUMELIA *lycioides*, Gært. (Buckthorn.)—Coast to Lincoln Co.

PLANTAGINACEÆ.

PLANTAGO *major*, L. (Plantain.)—Common.

lanceolata, L. (Narrow-leaved Plantain.)—Common.

sparsiflora, Michx.—Low. Dist.

Virginica, L.—Low. and Mid. Dist.

heterophylla, Nutt.—Low. Dist.

PLUMBAGINACEÆ

STATICE *Caroliniana*, Walt. (Marsh Rosemary.)—Salt Marshes.

PRIMULACEÆ.

HOTTONIA *inflata*, Ell. (Featherfoil.)—Up. Dist.

LYSIMACHIA *stricta*, Ait. (Loosestrife.)—Common.

“ var: *angustifolia*.—Low. Dist.

Herbemonti, Ell.—Low. Dist.

quadrifolia, L. (Five Sisters.)—Common.

ciliata, L.—All the Districts.

radicans, Hook.—Up. Dist.

longifolia, Pursh.—Do.

DODECATHEON *Meadia*, L. (American Cowslip.)—Chatham Co.

ANAGALLIS *arvensis*, L. (Pimpernel.)—Near settlements in all the
Districts. Rare.

CENTUNCULUS *minimus*, L. (Chaffweed.)—Davidson Co.

SAMOLUS *floribundus*, Kth. (Brook-weed.)—Low. Dist.

LENTIBULACEÆ.

UTRICULARIA *inflata*, Walt. (Bladder-wort.)—Low. Dist.

vulgaris, L.—Mid. Dist.

striata, Leconte.—Low. Dist.

fibrosa, Walt.—Do.

gibba, L.—Do.

purpurea, Walt.—Low. Dist.

UTRICULARIA cornuta, Michx.—Do.

subulata, L.—Low. and Mid. Dist.

PINGUICULA lutea, Walt. (Butter-wort.)—Low. Dist.

elatio, Michx.—Do.

BIGNONIACEÆ.

BIGNONIA capreolata, L. (Cross Vine.)—Low. & Mid. Dist.

TECOMA radicans, Juss. (Trumpet Flower.)—Coast to the Mountains.

CATALPA bignonioides, Walt. (Catalpa.)—About settlements.

MARTYNIA proboscidea, (Glox. (Martino. Unicorn Plant.)—About settlements.

OROBANCHACEÆ.

EPIPHYGUS Virginiana, Bart. (Beech Drops.)—Common.

CONOPHOLIS Americana, Wallr. (Squaw-root.)—Low. & Mid. Dist.

APHYLLON uniflorum Tor. & Gr. (Cancer-root.)—Mid. Dist. (*Prof. Mitchell.*)

SCROPHULARIACEÆ.

VERBASCUM *Thapsus*, L. (Mullein.)—Common.

Blattaria, L. (Moth Mullein.)—Do.

SCROPHULARIA nodosa, L. (Fig-wort.)—All the Districts.

CHELONÈ glabra, L. (Snake-mouth.)—Common.

Lyoni, Pursh.—Mountain sides.

PENSTEMON pubescens, Soland. (Beard-tongue.)—Common.

“ var: *lævigatus*.—Common.

LINARIA Canadensis, Spreng. (Toad Flax.)—Low. & Mid. Dist.

vulgaris, Mill. (Butter & Eggs.)—Roadsides.

Elatine, Mill.—Roadsides in Orange, Co.

MIMULUS ringens, L. (Monkey Flower.)—Common.

alatus, Ait.—Lower? & Mid. Dist.

HERPESTIS nigrescens, Benth.—Low. Dist.

Monniera, H. B. & K.—Low. Dist.

amplexicaulis, Pursh.—Do.

GRATIOLA Virginiana, L. (Hedge Hyssop.)—Low. & Mid. Dist.

sphærocarpa, Ell.—Low. & Mid. Dist.

viscosa, Schwein.—Lincoln & Surry.

aurea, Muhl.—Low. Dist.

pilosa, Michx.—Low. & Mid. Dist.

ILYSANTHES gratioides, Benth. (False Pimpernel.)—Common.

refracta, Benth.—Surry (*Graty*) to Henderson, Co. (*Buckley.*)

- ILYSANTHES** *saxicola*, Chapm.—Rocks in Hiwassee River.
MICRANTHEMUM *orbiculatum*, Michx.—Low. Dist.
VERONICA *Virginiana*, L. (Culver's Physic.)—Mid. & Up. Dist.
 officinalis, L. (Speedwell.)—Mountains.
 serpyllifolia, L. (Paul's Betony.)—Common.
 peregrina, L. (Purslane Speedwell.)—Do.
 arvensis, L. (Corn Speedwell.)—Low. & Mid. Dist.
 agrestis, L. (Field Speedwell.)—Up. Dist.
BUCHNERA *Americana*, L. (Blue Hearts.)—Mid. & Up. Dist.
SEYMERIA *tenuifolia*, Pursh.—Low. & Mid. Dist.
 pectinata, Pursh.—Low. Dist. (*Croom*).
OTOPHYLLA *Michauxii*, Benth.—Up. Dist.
DASYSTOMA *pubescens*, Benth. (False Foxglove.)—Common.
 quercifolia, Benth.—Mid. & Up. Dist.
 pedicularia, Benth.—Mid. Dist.
 pectinata, Benth.—Low. & Mid. Dist.
GERARDIA *linifolia*, Nutt. (Flax leaved Gerardia.)—Low. Dist.
 divaricata, Chapm.—Do.
 aphylla, Nutt.—Low. Dist.
 purpurea, L. (Purple Gerardia.)—Common.
 “ *var: fasciculata*,—Low. Dist.
 maritima, Raf.—Sea-beach.
 setacea, Ell.—Low. Dist.
 tenuifolia, Vahl.—Common.
 parvifolia, Chapm.—Low. Dist.
CASTILLEJA *coccinea*, Spreng. (Painted Cup.)—Mid. & Up. Dist.
SCHWALBEA *Americana*, L. (Chaff Seed.)—Low. Dist.
PEDICULARIS *Canadensis*, L. (Lousewort.)—All the Districts.
 lanceolata, Michx.—Mountains.
MELAMPYRUM *Americanum*, Michx. (Cow Wheat.)—Mountains.

ACANTHACEÆ.

- DIPTERACANTHUS** *strepens*, Nees.—Common.
DIANTHERA *Americana*, L. (Water Willow.)—Mid. and Up. Dist.
 ovata, Walt.—Low. Dist.
DICLIPTERA *brachiata*, Spreng.—Low. Dist.

VERBENACEÆ.

- VERBENA** *urticifolia*, L. (White Vervain.)—Common.
 hastata, L. (Blue Vervain.)—Do.

- VERBENA angustifolia, Michx.—Mid. Dist.
 Caroliniana, Michx.—Low. Dist.
officinalis, L. (Vervain).—Common.
 LIPPIA nodiflora, Michx. (Fog-fruit).—Low. Dist.
 CALLICARPA Americana, L. (Bermuda Mulberry).—Low. Dist.
 PHRYMA leptostachya, L. (Lop-seed).—Mid. and Up. Dist.

LABIATÆ.

- HYPTIS radiata, Willd.—Low. and Mid. Dist.
 MENTHA *viridis*, L. (Spearmint).—Common.
piperita, L. (Peppermint).—Common.
rotundifolia, L. (Round-leaved Mint).—Low. Dist. Rare.
 LYCOPUS Virgīnicus, L. (Bugle-weed).—Common.
sinuatus, Ell.—Low. Dist.
 CUNILA Mariana, L. (Dittany).—Mid. and Up. Dist.
 PYCNANTHEMUM incanum, Michx. (Mountain Mint).—Mid. and Up.
 Dist.
 „ var: Tullia.—Common.
dubium, Gray.—Mountains. (*Gray.*)
aristatum, Michx.—Low. Dist.
 “ var. *hyssopifolium*.—Do.
pilosum, Nutt.—Mountains. (*Prof. Gray.*)
muticum, Pers.—Mountains.
lanceolatum, Pursh.—Low. and Mid. Dist.
linifolium, Pursh.—Common.
nudum, Nutt.—Mountains.
montanum, Michx.—Do.
 COLLINSONIA Canadensis, L. (Horse Balm).—Mid. and Up. Dist.
punctata, Ell.—Low. Dist.
ovalis, Pursh.—Mountains.
 HEDEOMA pulegioides, Pers. (Penny Royal).—Mid. and Up. Dist.
 CALAMINTHA *Nepeta*, Link. (Basil Thyme).—Common about streets.
 Caroliniana, Sweet.—Low. Dist.
 MELISSA *officinalis*, L. (Balm).—Mid. Dist. Rare.
 SALVIA *urticifolia*, L. (Wild Sage).—Mid. and Up. Dist.
lyrata, L.—Common.
 Claytoni, Ell.—Mid. Dist.
 MONARDA *didyma*, L. (Horse Mint).—Mountains.
fistulosa, L.—Common.
punctata, L. (Rignum).—Common.

- MONARD** *gracilis*, Pursh.—Mountains. (*Lyon.*)
BLEPHILIA *ciliata*, Raf. (Horse Mint.)—Mid. Dist.
 hirsuta, Benth.—Mountains.
LOPHANTHUS *nepetoides*, Benth. (Giant Hyssop.)—Mid. and Up.
 Dist.
 scrophulariæfolius, Benth.—Mountains.
NEPETA *Cataria*, L. (Catnip.)—Common about settlements.
 Glechoma,⁹ Benth. (Ground Ivy.)—Near settlements.
CEDRONELLA *cordata*, Benth.—Ashe Co. (*Prof. Gray.*)
BRUNELLA *vulgaris*, L. (Heal-all.)—Common.
SCUTELLARIA *versicolor*, Nutt. (Skullcap.)—Up. Dist.
 arguta, Buckl.—Black Mt. (*Buckley.*)
 serrata, Andr.—Mid. Dist.
 pilosa, Michx.—Low. & Mid. Dist.
 integrifolia, L.—Low. Dist.
 lateriflora, L.—Low. Dist.
 galericulata, L.—Mid. Dist.
 parvula, Michx.—Mid. Dist.
 saxatilis, Riddell.—Mountains.
MACBRIDEA *pulchra*, Ell.—Low. Dist. Rare.
PHYSOSTEGIA *Virginiana*, Benth. (Dragon-head.)—All the Districts.
LAMIUM *amplexicaule*, L. (Dead Nettle. Hen bit.)—Common in
 Gardens.
MARRUBIUM *vulgare*, L. (Horehound.)—Common about settlements.
LEONURUS *Cardiaca*, L. (Mother-wort.)—Do.
STACHYS *aspera*, Michx. (Hedge Nettle.)—Mountains.
 hyssopifolia, Michx.—Low. Dist.
ISANTHUS *cœruleus*, Michx. (False Penny Royal.)—Mid. & Up. Dist.
TRICHOSTEMA *dichotomum*, L. (Blue Curls.)—Common.
 “
 var. *lineare*.—Mid. Dist.
TEUCRUM *Canadense*, L. (Wood Sage.)—Low. & Mid. Dist.

BORRAGINACEÆ.

- HELIOTROPIMUM** *Curassavicum*, L. (Heliotrope.)—Low. Dist. near the
 coast.
HELIOPHYTUM *Indicum*, D. C. (Indian Heliotrope.)—Low. & Mid.
 Dist.
ECHIUM *vulgare*, L. (Blue-weed.)—Mid. Dist. Rare.
ONOSMODIUM *Carolinianum*, D. C. (Gromwell.)—Up. Dist.

- ÖNOSMODIUM *Virginianum*, D. C.—Low. & Mid. Dist.
 LITHOSPERMUM *arvense*, L. (Corn Gromwell.)—Low. and Mid. Dist.
 hirtum, Lehm. (Hairy Puccoon.)—Low. Dist.
 MERTENSIA *Virginica*, D. C. (Roanoke Bell. Virginia Cowslip.)—
 Halifax, Co. (*T. B. Hill.*) Mts.
 CYNOGLOSSUM *officinale*, L. (Hound's Tongue.)—Mid. Dist.
 Virginicum, L. (Wild Comfrey.)—Mid. & Up. Dist.
 Morisoni, D. C. (Beggars Lice.)—Do.
 MYOSOTIS *laxa*, Lehm. (Forget me not.)—Low. & Mid. Dist. Rare.
 verna, Nutt.—Mid. & Up. Dist.

HYDROPHYLLACEÆ.

- HYDROPHYLLUM *Virginicum*, L. (Water-leaf.)—Mountains.
 Canadense, L.—Mountains.
 ELLISIA *Nyctelea*, L.—Mid. Dist. (*Prof. Mitchell.*)
 NEMOPHILA *microcalyx*, F. & M.—Up. Dist.
 PHACELIA *bipinnatifida*, Michx.—Up. Dist.
 Purshii, Buckl.—Mountains. (*Buckley.*)
 fimbriata, Michx.—Mountains.
 parviflora, Pursh.—Low. Dist.

HYDROLEACEÆ.

- HYDROLEA *quadrivalvis*, Walt.—Low. Dist.

POLEMONIACEÆ.

- PHLOX *paniculata*, L. (Phlox.)—Lincoln & westward.
 “ var: *acuminata*.—Mountains.
 maculata, L.—Common.
 Carolina, L.—Mountains.
 glaberrima, L.—Mid. & Up. Dist.
 reptans, Michx.—Lincoln & westward.
 divaricata, L.—Common.
 Walteri, Chapm.—Low. & Mid. Dist.
 pilosa, L.—Mecklenburg & westward.
 subulata, L. (Wild Pink.)—Low. Dist. to Mountains.
 POLEMONIUM *reptans*, L. (Greek Valerian.)—Haywood Co.
 PYRIDANTHERA *barbulata*, Michx. (Flowering Moss.)—Low. Dist.

CONVOLVULACEÆ.

- QUAMOCLIT *coccinea*, Mœnch.—Common in cultivated grounds.
 PHARBITIS *Nil*, Chois. (Morning Glory.)—Do.

- IPOMŒA commutata*, R. & S.—All the Districts.
pandurata, Meyer. (Wild Potatoe.)—Coast to Cherokee.
sagittifolia, Bot. Reg.—Low. Dist.
lacunosa, L.—Low. Dist.
- CALYSTEGIA sepium*, R. Br. (Bindweed.)—Common.
spithamæa, Pursh. (Low Bindweed.)—Mid. Dist.
- STYLISMA hirsutata*, Chapm.—Low. Dist.
aquatica, Chapm.—Do.
Pickeringii, Gray.—Do.
- DICHONDRA repens*, Forst. var: *Carolinensis*, Choisy.—Low. Dist.
- CUSCUTA arvensis*, Beyr. (Love Vine. Dodder.)—Mid. Dist.
Gronovii, Willd.—Low. and Mid. Dist.
rostrata, Shuttl.—Mountains.
compacta, Juss.—All the Districts.
epilinum, Weihe. (Flax Dodder.)—Orange County.

SOLANACEÆ.

- SOLANUM nigrum*, L. (Nightshade.)—Common near settlements.
Carolinense, L. (Horse Nettle.)—Common.
aculeatissimum, Jacq. (Soda Apple.)—Low. Dist.
- PHYSALIS viscosa*, L. (Ground Cherry.)—Common.
lanceolata, Michx.—On the coast.
angulata, L.—Waste Grounds of Low. Dist.
pubescens, L.—Do.
- NICANDRA physaloides*, Gært. (Apple of Peru.)—Waste grounds.
- DATURA Stramonium*, L. (Jamestown Weed.)—Common.
 “ var: *Tatula*.—Common.
Mtcl, L.—Low. Dist. (*Dr. McRee*)

GENTIANACEÆ.

- SABBATIA lanceolata*, Tor. & Gr.—Low. and Mid. Dist.
paniculata, Pursh.—Low. Dist.
angularis, Pursh. (Centaury.)—Low. and Mid. Dist.
brachiata, Ell.—Low. Dist.
gracilis, Pursh.—Low. and Mid. Dist.
stellaris, Pursh.—Salt Marshes.
calycosa, Pursh.—Low. Dist.
chloroides, Pursh.—Do.
gentianoides, Ell.—Do.

- GENTIANA* *quinqueflora*, Lam. (Five flowered Gentian.)—Mecklenburg and westward.
crinita, Frœl. (Fringed Gentian.)—Macon Co.
ochroleuca, Frœl. (Sampson Snake Root.)—Mid. Dist.
Elliottii, Cham. (Sampson Snake Root.)—Low. Dist.
saponaria, L. (Sampson Snake Root.)—Common.
Andrewsii, Griseb. (Sampson Snake Root.)—Mountains.
angustifolia, Michx. (Narrow-leaved Gentian.)—Low. Dist.
- BARTONIA* *tenella*, Muhl.—All the Districts.
verna, Muhl.—Low. Dist.
- OBOLARIA* *Virginica*, L.—Low. and Mid. Dist.
- FRASERA* *Carolinensis*, Walt. (Columbo.)—Vallies of Macon and Cherokee.
- LIMNANTHEMUM* *lacunosum*, Griseb. (Floating Heart.)—Low. Dist.
trachyspermum, Gray.—Low. Dist.

APOCYNACEÆ.

- APOCYNUM* *cannabinum*, L. (Indian Hemp.)—Low. Dist. to Mts.
androsæmifolium, L. (Dogbane.)—Mid. Dist.
- FORSTERONIA* *difformis*, A. D. C.—Low. Dist. to Wake Co.
- AMSONIA* *ciliata*, Walt.—Robeson and Moore Counties.
Tabernæmontana, Walt.—Low. and Mid. Dist.

ASCLEPIADACEÆ.

- ASCLEPIAS* *Cornuti*, Dec. (Milkweed. Silkweed.)—Low. Dist.
(Croom.) Rare.
phytolaccoides, Pursh. (Poke Milkweed. Squaw Root.)—Mountains.
purpurascens, L. (Purple Milkweed.)—Mid. Dist.
variegata, L.—Low. and Mid. Dist.
incarnata, L. (Swamp Silkweed.)—Common.
tomentosa, Ell.—Cumberland County.
paupercula, Michx.—Low. Dist.
rubra, L.—Low. Dist. to Wake.
obtusifolia, Michx.—Low. and Mid. Dist.
amplexicaulis, Michx. (Rabbit's Milk.)—Low. Dist.
quadrifolia, Jacq.—Up. Dist.
verticillata, L.—Low. and Mid. Dist.
tuberosa, L. (Butterfly Weed. Pleurisy Root.)—Common.

- ACERATES *viridiflora*, Ell. (Green Milkweed.)—Mid. Dist.
longifolia, Ell.—Low. Dist.
 PODOSTIGMA *pubescens*, Ell.—Low. Dist.
 SEUTERA *maritima*, Dec.—Salt Marshes.
 GONOLOBUS *hirsutus*, Michx. (Running Milkweed.)—Low. and Mid. Dist.
macrophyllus, Michx.—Low. and Mid. Dist.

OLEACEÆ.

- OLEA *Americana*, L. (Devil Wood.)—Near the coast.
 LIGUSTRUM *vulgare*, L. (Privet.)—About dwellings.
 CHIONANTHUS *Virginica*, L. (Fringe Tree. Old Man's Beard.)—Coast to Blue Ridge.
 FRAXINUS *platycarpa*, Michx. (Water Ash.)—Low. Dist.
Americana, L. (White Ash.)—Mid. and Up. Dist.
pubescens, Lam. (Red Ash.)—Mid. Dist.
viridis, Michx. (Green Ash.)—Mid. and Up. Dist.

ARISTOLOCHIACEÆ.

- ARISTOLOCHIA *Serpentaria*, L. (Virginia Snake-root.)—Common.
tomentosa, Sims.—Mountains.
Sipho, L'Her. (Wild Ginger. Big Sarsaparilla.)—Along mountain rivulets.
 ASARUM *Canadense*, L.—Mountains.
Virginicum, L. (Heart Leaf.)—Mid. and Up. Dist.
arifolium, Michx. (Heart Leaf. Asarabacca.)—Common.

PHYTOLACCACEÆ.

- PHYTOLACCA *decandra*, L. (Poke-weed.)—Common.

CHENOPODIACEÆ.

- CHENOPODIUM *album*, L. (Lamb's Quarters.)—Common about settlements.
murale, L.—Low. and Mid. Dist.
Anthelminticum, L. (Worm-seed. Jerusalem Oak.)—Common.
 ATRIPLEX *hastata*, L. (Orache.)—Sea-shore.
 OBIONE *arenaria*, Moq. (Sand Orache.)—Sea-beach.
 CHENOPODINA *maritima*, Moq. (Sea Goosefoot.)—Salt Marshes.
 SALICORNIA *herbacea*, L. (Samphire.)—Salt Marshes.
ambigua, Michx.—Do.
 SALSOLA *Kali*, L. (Salt-wort.)—Sandy Sea-shore.

AMARANTACEÆ.

- AMARANTUS *albus*, L. (Amaranth.)—Low. Dist.
paniculatus, (Red Amaranth.)—Low. and Mid. Dist.
hybridus, L. (Green Amaranth. Careless.)—Common.
spinosus, L. (Thorny Amaranth.)—Low. and Mid. Dist.
chlorostachys, Willd.—Cultivated grounds.
 EUXOLUS *pumilus*, Raf. (Dwarf Amaranth.)—Sandy Sea-shore.
 ACNIDA *cannabina*, L. (Water Hemp.)—Low. Dist.
 TELANTHERA *polygonoides*, Moq.—Low. Dist.

POLYGONACEÆ.

- POLYGONUM *orientale*, L. (Prince's Feather.)—About settlements.
Pennsylvanicum, L.—Low. and Mid. Dist.
Persicaria, L. (Lady's Thumb.)—Common.
acre, Kth. (Smart Weed.)—Common.
hydropiperoides, Michx. (Water Pepper.)—Common.
hirsutum, Walt.—Low. Dist.
aviculare, L. (Knot Grass.)—Very Common.
 “ *erectum*.—Mid. and Up. Dist.
 “ *littorale*.—Sea-beach.
tenue, Michx.—Lincoln and westward.
Virginianum, L.—Common.
arifolium, L. (Scratch Grass.)—Common.
sagittatum, L. (Tear Thumb.)—Do.
cilinode, Michx.—Summit of Black Mountain.
dumetorum, L. (False Buckwheat.)—Common.
 FAGOPYRUM *esculentum*, Moench. (Buckwheat.)—Occasionally naturalized.
 POLYGONELLA *parvifolia*, Michx.—Low. Dist.
 articulata, Meisn.—Do.
 RUMEX *crispus*, L. (Sour Dock.)—Very common.
 verticillatus, L. (Swamp Dock.)—Low. Dist.
 sanguineus, L. (Bloody Dock.)—Do. (*Croom*.)
 obtusifolius, L. (Bitter Dock.)—All the Districts.
 maritimus, L. (Golden Dock.)—Low. Dist. Rare.
 Acetosella, L. (Sorrel.)—Common.

LAURACEÆ.

- PERSEA *Carolinensis*, Nees. (Red Bay.)—Low. Dist.
 “ *var: palustris*.—Do.

SASSAFRAS officinale, Nees. (Sassafras).—Common.

BENZOIN odoriferum, Nees. (Spice Bush. Fever Bush).—Common.
 melissafolium, Nees.—Low. Dist. (*Dr. McRee*.) Mid.
 Dist. (*Prof. Mitchell*.)

TETRANTHERA geniculata, Nees. (Pond Bush).—Low. Dist. to
 Chatham county.

THYMELEACEÆ.

DIRCA palustris, L. (Leather-wood).—Mid. and Up. Dist. Rare.

SANTALACEÆ.

COMANDRA umbellata, Nutt. (Toad Flax).—Mid. Dist.

DARBYA umbellulata, Gray.—Lincoln County.

BUCKLEYA distichophylla, Torr.—French Broad and Pigeon Rivers.
 (*Buckley. Nuttall*.)

PYRULARIA oleifera, Gray. (Oil-nut. Buffalo-nut).—Mountain sides.

LORANTHACEÆ.

PHORADENDRON flavescens, Nutt. (Mistletoe).—Common.

SAURURACEÆ.

SAURURUS cernuus, L. (Swamp Lilly. Lizard's Tail).—Common.

CERATOPHYLLACEÆ.

CERATOPHYLLUM demersum, L.—Low. Dist.

CALLITRICHACEÆ.

CALLITRICHIE verna, L. (Water Star-wort).—Low. and Mid. Dist.

PODOSTEMACEÆ.

PODOSTEMUM ceratophyllum, Michx. (River Weed).—Streams of
 Mid. and Up. Dist.

EUPHORBIACEÆ.

EUPHORBIA corollata, L. (Flowering Spurge).—Common.

 " var: angustifolia.—Low. Dist.

Curtisii, Engelm.—Low. Dist.

atrorubens, Engelm.—Cumberland Co. and southward.

obtusata, Pursh. (Warted Spurge).—Low. Dist.

Darlingtonii, Gray. —Yancey and Haywood Counties.

Ipecacuanhæ, L. (Wild Ipecac).—Low. Dist.

cyathophora, Jacq.—Low. Dist.

hypericifolia, L.—Common in waste grounds.

pubentissima, Michx.—Low. Dist.

- EUPHORBIA maculata*, L. (Spotted Spurge.)—Common in waste grounds.
cordifolia, Ell.—Low. Dist.
polygonifolia, L. (Shore Spurge.)—Sea-shore.
Lathyris, L. (Caper Spurge. Mole Plant.)—Up. Dist.
marginata, Pursh. (variegated Spurge.)—Mid. Dist.
- STILLINGIA sylvatica*, L. (Queen's Delight.)—Low. Dist.
ligustrina, Michx.—Low. Dist. (*Dr. McRee*.)
- ACALYPHA Virginica*, L. (Three seeded Mercury.)—Common.
gracilens, Gray.—Low. Dist.
- TRAGIA urticifolia*, Michx.—Mid. Dist.
urens, L. (Nettle.)—Low. Dist.
- CROTON maritimum*, Walt.—Sea coast.
glandulosum, L.—Low. & Mid. Dist.
monanthogynum, Michx.—Surry & westward.
- CROTONOPSIS linearis*, Michx.—Lincoln, Co.
- CNIDOSCOLUS stimulosus*, Gray. (Tread softly.)—Low. & Mid. Dist.
- RICINUS communis*, L. (Castor-oil Plant.)—Near dwellings
- PHYLLANTHUS Caroliniensis*, Walt.—Mid. Dist.

URTICACEÆ.

- URTICA gracilis*, Ait. (Tall Nettle.)—Up. Dist.
capitata, Willd.—Low. to Up. Dist.
urens, L. (Stinging Nettle.)—Low. Dist.
- LAPORTEA Canadensis*, Gaud. (Wood Nettle.)—Up. Dist.
- PILEA pumila*, Gray. (Clear-weed.)—All the Districts.
- PARIETARIA Pennsylvanica*, Muhl. (Pellitory.)—Up. Dist.
debilis, Forst.—Low. Dist.
- BEECHERIA cylindrica*, Willd. (False Nettle.)—Common.

CANNABINACEÆ.

- CANNABIS sativa*, L. (Hemp.)—About settlements.
- HUMULUS Lupulus*, L. (Hop.)—Rockingham to Cherokee.

MORACEÆ.

- MORUS rubra*, L. (Mulberry.)—Common.
alba, L. (White Mulberry.)—About Dwellings.
- BROUSSONETIA papyrifera*, Vent. (Otaheite Mulberry.)—Do.

ULMACEÆ.

- ULMUS Americana*, L. (Elm.)—All the Districts.

ULMUS fulva, Michx. (Slippery Elm.)—All the Districts.

alata, Michx. (Small-leaved Elm.)—Do.

PLANERA aquatica, Gmel. (Planer-Tree.)—South of Cape Fear River.

CELTIS occidentalis, L. (Hackberry.)—All the Districts.

“ var: *pumila*, (Dwarf Hackberry.)—Low. & Mid. Dist.

PLATANACEÆ.

PLATANUS occidentalis, L. (Sycamore.)—Common.

JUGLANDACEÆ.

JUGLANS nigra, L. (Black Walnut.)—Common.

cinerea, L. (White Walnut.)—Guilford & westward.

CARYA alba, Nutt. (Shell-bark Hickory.)—Low. to Up. Dist.

sulcata, Nutt. (Thick Shell-bark H.)—W. part of the State.

tomentosa, Nutt. (White Hickory.)—Common.

glabra, Torr. (Pig-nut Hickory.)—All the Districts.

microcarpa, Nutt. (Small-nut H.)—Western Counties.

amara, Nutt. (Bitter-nut Hickory.)—Coast to the mountains.

aquatica, Nutt. (Water Bitter-nut H.)—Low. Dist.

CUPULIFERÆ.

QUERCUS alba, L. (White Oak.)—Common.

obtusiloba, Michx. (Post Oak.)—Do.

lyrata, Walt. (Over-cup Oak.)—Low. Dist. to Chatham & Orange.

Prinus, L. (Swamp Chestnut Oak.)—Low. Dist.

“ var: *discolor*, Michx. (Swamp White Oak.)—Mid. Dist.

“ var: *monticola*, Michx. (Rock Chestnut Oak.)—Mid. & Up. Dist.

castanea, Willd. (Chestnut Oak.)—Low. & other (!) Districts.

prinoides, Willd. (Chinquapin Oak.)—All the Districts.

virens, Ait. (Live Oak.)—Sea-coast.

Phellos, L. (Willow Oak.)—Low. & Mid. Dist.

“ var: *heterophylla*.—Alamance Creek.

laurifolia, Michx. (Laurel Oak.)—Do.

imbricaria, Michx. (Shingle Oak.)—Mountain streams.

“ var: *Leana*.—Pigeon River.

cinerea, Michx. (Upland Willow Oak.)—Low. Dist.

- QUERCUS cinerea* var: *pumila*, (Running Oak.)—Do.
aquatica, Cates. (Water Oak.)—Coast to the mountains.
nigra, L. (Black Jack.)—Do.
falcata, Michx. (Spanish Oak.)—Common.
 “ var: *pagodæfolia*.—Low. Dist.
 “ *triloba*.—Do.
tinctoria, Bartr. (Black Oak.)—Low. ? and other Districts.
coccinea, Wang. (Scarlet Oak.)—All the Districts.
rubra, L. (Red Oak.)—Do.
Catesbæi, Michx. (Scrub Oak.)—Low. Dist.
ilicifolia, Wang. (Bear Oak.)—Mountains. Rare.
- CASTANEA vesca*, L. (Chestnut.)—Guilford and westward.
pumila, Michx. (Chinquapin.)—Coast to Cherokee.
 “ var: *nana*.—Low. Dist. to Wake.
- FAGUS ferruginea*, Ait. (Beech.)—All the Districts.
- CORYLUS Americana*, Walt. (Hazel-nut.)—Mountains.
rostrata, Ait. (Beaked Hazel-nut.)—Mid. and Up. Dist.
- CARPINUS Americana*, Michx. (Hornbeam.)—Common along streams.
- OSTRYA Virginica*, Willd. (Hop Hornbeam.)—Mid. and Up. Dist.

MYRICACEÆ.

- MYRICA cerifera*, L. (Wax Myrtle. Bayberry.)—Swamps of Low. Dist.
 “ var: *pumila*.—Barrens of Low. Dist.
- COMPTONIA asplenifolia*, Ait. (Sweet Fern.)—Franklin, Wake and Cumberland to the mountains.

BETULACEÆ.

- BETULA nigra*, L. (Red Birch.)—Common on rivers.
excelsa, Ait. (Yellow Birch.)—Black Mountain. Also mountains of Haywood. (*Buckley*.)
lenta, L. (Black Birch.)—Mountains.
- ALNUS serrulata*, Ait. (Alder.)—Common.
viridis, D. C. (Mountain Alder.)—Top of Roan Mountain.

SALICACEÆ.

- SALIX nigra*, Marsh. (Black or Swamp Willow.)—Common on streams.
tristis, Ait. (Gray Willow.)—Mountains.
humilis, Marsh. (Bush Willow.)—All the Districts.

sericea, Marsh. (Silky-leaved Willow.)—Low. Dist. ?

Babylonica, Tourn. (Weeping Willow.)—About dwellings.

vitellina, Smith. (Yellow Willow.)—Do.

POPULUS *angulata*, Ait. (Carolina Poplar.)—Low. and Mid. Dist.

heterophylla, L. (Cotton Tree.)—Low. Dist.

grandidentata, Michx. (Large-toothed Aspen.)—Mid. Dist.

dilatata, Ait. (Lombardy Poplar.)—About settlements.

CONIFERÆ.

PINUS *mitis*, Michx. (Yellow or short-leaved Pine.)—Common.

inops, Ait. (Cedar or Scrub Pine.)—Mid. and Up. Dist.

pungens, Michx. (Prickly Pine.)—Pilot Mountain to Blue Ridge.

rigida, Mill. (Pitch Pine.)—Mid. and Up. Dist. Rare.

serotina, Michx. (Pond Pine.)—Low. and Mid. Dist.

Tæda, L. (Oldfield, Loblolly, & Slash Pine.)—Low. and Mid. Dist.

australis, Michx. (Long-leaf Pine.)—Low. Dist. Rare in the Middle.

Strobus, L. (White Pine.)—Mountains.

ABIES *Fraseri*, Pursh. (Balsam Fir.)—Highest mountains.

nigra, Poir. (Black Spruce.)—Do.

alba, Michx? (White Spruce.)—Do.

Canadensis, Michx. (Hemlock. Spruce Pine.)—Mountains.

CUPRESSUS *thyoides*, L. (White Cedar. Juniper.)—Low. Dist.

TAXODIUM *distichum*, Rich. (Cypress.)—Do.

“ *var: imbricaria*, Nutt.—Do.

THUJA *occidentalis*, L. (Arbor Vitæ.)—Mountains. Rare.

JUNIPERUS *Virginiana*, L. (Red Cedar.)—Common.

CLASS II. ENDOGENOUS PLANTS.

PALMACEÆ.

- SABAL Palmetto, R. & S. (Palmetto).—Cape Fear & southward.
Adansonii, Guerns. (Dwarf Palmetto).—Low. Dist.

ARACEÆ.

- ARISÆMA triphyllum, Torr. (Indian Turnip).—Common.
Dracontium, Schott. (Dragon Root).—Mid. Dist.
polymorphum, Chapm.—French Broad River. (*Buckley.*)
PELTANDRA Virginica, Raf. (Arrow Arum).—Lincoln Co.
XANTHOSOMA sagittifolium, Schott. (Spoon Flower).—Wilmington.
SYMPLOCARPUS foetidus, Salisb. (Skunk Cabbage).—Near Raleigh.
ORONTIUM aquaticum, L. (Golden Club. Water Dock).—Coast to
Cherokee.
ACORUS Calamus, L. (Calamus).—All the Districts.

LEMNACEÆ.

- LEMNA minor, L. (Duck-weed).—Low. & Mid. Dist.
polyrhiza, L.—Low. Dist.

TYPHACEÆ.

- TYPIA latifolia, L. (Cat-tail).—Common.
SPARGANTUM ramosum, Huds. (Bur Reed).—Low. & Mid. Dist.

NALADACEÆ.

- NAIAS flexilis, Rotsk.—Low. Dist.
ZOSTERA marina, L. (Sea-wrack).—Salt water.
ZANNICHELLIA palustris, L.—Low. Dist.
RUPPIA maritima, L. (Ditch Grass).—Low. Dist.
POTAMOGETON pectinatus, L. (Pond-weed).—Low. Dist.
pauciflorus, Pursh.—Low. & Mid. Dist.
perfoliatus, L.—Low. Dist.
lucens, L.—Low. & Mid. Dist.
fluitans, Roth.—Low. & Mid. Dist.
heterophyllus, Schreb.—Low. & Mid. Dist.
hybridus, Michx.—Do.

ALISMACEÆ.

- ALISMA Plantago, L. (Water Plantain).—Common.

- TRIGLOCHIN triandrum, Michx. (Arrow Grass.)—Low. Dist.
 ECHINODORUS radicans, Engelm.—Low. Dist.
 SAGITTARIA variabilis, Engelm. (Arrow-leaf.)—Common.
 falcata, Pursh.—Low. Dist.
 heterophylla, Pursh.—Low. Dist.
 simplex, Pursh.—Do.
 natans, Michx.—Do.
 pusilla, Nutt.—Do.

HYDROCHARIDACEÆ.

- ANACHARIS Canadensis, Planch. (Water-weed.)—Valley River,
 Cherokee.
 VALLISNERIA spiralis, L. (Tape Grass.)—Near Newbern. (*Croom.*)
 LIMNOBIUM Spongia, Rich. (Frog-bit.)—Low. Dist.

BURMANNIACEÆ.

- BURMANNIA biflora, L.—Low. Dist.
 capitata, Chapm.—Do.

ORCHIDACEÆ.

- MICROSTYLIS ophioglossoides, Nutt. (Adder's Mouth.)—All the Dis-
 tricts.
 LIPARIS liliifolia, Rich. (Twayblade.)—Low. and Up. Districts.
 CORALLORHIZA odontorhiza, Nutt. (Coral Root.)—Mid. and Up. Dist.
 innata, R. Br.—Up. Dist.
 APLECTRUM hiemale, Nutt. (Putty Root.)—Macon Co. (*Buckley.*)
 CALOPOGON pulchellus, R. Br. (Bearded Pink.)—Common.
 parviflorus, Lindl.—Low. Dist.
 " var: albus.—Do.
 TIPULARIA discolor, Nutt. (Crane-Fly Orchis.)—Low. and Mid.
 Dist.
 BLETIA aphylla, Nutt.—Low. Dist. (*Dr. McRee.*) Mid. Dist. (*Dr.*
 Hunter.)
 POGONIA ophioglossoides, Nutt.—Low. Dist. to Mountains.
 pendula, Lindl.—Mid. and Up. Dist.
 divaricata, R. Br.—Low. and Up. Dist.
 verticillata, Nutt.—Low. Dist. (*Geo. Wilson.*)
 ARETHUSA bulbosa, L.—Mountains. (*Michaux.*)
 ORCHIS spectabilis, L. (Showy Orchis.)—Davidson county and
 westward.

- GYMNADENIA flava*, Lindl. Macon and Cherokee.
tridentata, Lindl.—Mountains.
- PLATANThERA orbiculata*, Lindl. (Round-leaved Orchis.)—Mountains.
flava, Gray. (Yellow Orchis.)—Low. Dist.
bracteata, Tor. (Green Orchis.)—Mountains.
ciliaris, Lindl. (Yellow Fringed-Orchis.)—Common.
blephariglottis, Lindl. (White Fringed-Orchis.)—Low. and Mid. Dist.
crisitata, Lindl. (Crested Orchis.)—Coast to Mountains.
lacera, Gray. (Ragged Orchis.)—Up. Dist.
psycodes, Gray. (Small Purple Fringed-Orchis.)—Mid. and Up. Dist.
finbriata, Lindl. (Large Purple Fringed-Orchis.)—Mountain Swamps.
peramcena, Gray. (Great Purple Orchis.)—Mid. and Up. Dist.
- HABENARIA repens*, Nutt.—Low. Dist.
- SPIRANTHES cernua*, Rich. (Lady's Tresses.)—Common.
odorata, Nutt.—Low. Dist.
tortilis, Willd.—Common.
gracilis, Bigel.—Low. Dist.
- GOODYERA pubescens*, R. Br. (Rattlesnake Plantain.)—Lincoln and westward.
repens, R. Br.—Mountains.
- LISTERA australis*, Lindl. (Twayblade.)—Low. Dist.
conyallarioides, Hook.—Mountains.
- PONTHIEVA glandulosa*, R. Br.—Low. Dist.
- CYPRIPEDIUM pubescens*, Willd. (Yellow Lady's Slipper.)—Mid. and Up. Dist.
parviflorum, Salisb.—Mountains. (*Michauxe*.)
spectabile, Swartz.—Mountains.
acaule, Ait. (Purple Lady's Slipper.)—All the Districts.

AMARYLLIDACEÆ.

- AMARYLLIS Atamasco*, L. (Atamasco Lily.)—Low. and Mid. Dist.
- PANCRATIUM rotatum*, Ker.—Low. and Mid. Dist.
- AGAVE Virginica*, L. (False Aloe.)—Mid. and Up. Dist.
- HYPOXYS erecta*, L. (Yellow Star-grass.)—Common.

HÆMODOACEÆ.

- LACHNANTHES tinctoria*, Ell. (Red Root.)—Low. Dist.
LOPHIOLA aurea, Ker.—Low. Dist.
ALETIS farinosa, L. (Star-grass. Colic-root.)—Common.
aurea, Walt.—Low. and Mid. Dist.

BROMELIACEÆ.

- TILLANDSIA usneoides*, L. (Long Moss.)—Low. Dist.

IRIDACEÆ.

- IRIS versicolor*, L. (Blue Flag.)—Common.
tripetala, Walt.—Low. Dist.
Virginica, L.—All the Districts.
cristata, Ait. (Crested Iris.)—Mid. and Up. Dist.
verna, L. (Dwarf Iris.)—Low. and Mid. Dist.
PARDANTHUS Chinensis, Ker. (Blackberry Lily.)—Mid. Dist.
SISYRINCHIUM Bermudiana, L. (Blue-eyed Grass. Pepper Grass.)—
 Common.

DIOSCOREACEÆ.

- DIOSCOREA villosa*, L. (Wild Yam.)—Low. and Mid. Dist.

SMILACEÆ.

- SMILAX rotundifolia*, L. (Bamboo.)—Common.
tamnoides, L.—Low. and Mid. Dist.
Pseudo-China, L. (China Root.)—Common.
glauca, Walt. (Sarsaparilla.)—Do.
Walteri, Pursh. (Red-berried Bamboo.)—Low. Dist.
lanceolata, L.—Low. Dist.
laurifolia, L.—Do.
auriculata, Walt.—On the Coast.
COPROSANTHUS herbaceus, Kth. (Carrion Flower.)—Mid. Dist.
peduncularis, Kth.—Low. and Mid. Dist.
tamniifolius, Kth.—Do.
TRILLIUM sessile, L. (Wake Robin.)—Davidson and westward.
cernuum, L.—Mid. and Up. Dist.
stylosum, Nutt.—Mid. Dist.
erythrocarpum, Michx. (Wild Pepper.)—Mountains.
grandiflorum, Salisb.—Mountains.
erectum, L.—Mountains.
pusillum, Michx.—Low. Dist.
MEDEOLA Virginica, L. (Cucumber Root.)—Lincoln and westward.

LILIACEÆ.

- LILIUM* *superbum*, L. (Turk's-cap Lily.)—Mountains.
 “ var: *Carolinianum*.—Mid. and Up. Dist.
Canadense, L. (Yellow Lily.)—Mountains.
Philadelphicum, L. (Orange Lily.)—Do.
Catesbæi, Walt. (Southern Lily.)—Low. Dist. to Wake Co.
YUCCA *aloifolia*, L. (Spanish Bayonet.)—Low. Dist.
gloriosa, L.—Sea-coast.
filamentosa, L. (Bear Grass.)—All the Districts.
recurvifolia, Salisb.—“Sandy fields, N. Car.” (*Nuttall*.)
ERYTHRONIUM *Americanum*, Smith. (Yellow Adder's Tongue.)—
 Mid. and Up. Dist.
POLYGONATUM *biflorum*, Ell. (Solomon's Seal.)—Common.
SMILACINA *racemosa*, Desf. (False Spikenard.)—Mid. and Up. Dist.
bifolia, Ker.—Mid. and Up. Dist.
CONVALLARIA *majalis*, L. (Lily of the Valley.)—Mountains.
CLINTONIA *umbellata*, Torr.—Mountains.
borealis, Raf.—Do.
ALLIUM *tricoccum*, Ait. (Ramps.)—Mountains.
cernuum, Roth.—Do.
Canadense, Kalm.—Low. and Mid. Dist.
striatum, Jacq.—Low. Dist. to Wake.
vineale, L. (Wild Onion.)—Fields in Low. and Mid. Dist.

MELANTHACEÆ.

- MELANTHIUM* *Virginicum*, L. (Bunch Flower.)—All the Districts.
ZYGADENUS *glaberrimus*, Michx.—Low. Dist.
leimanthoides, Gray.—Mountains.
STENANTHIUM *angustifolium*, Gray.—All the Districts.
VERATRUM *viride*, L. (Big Hellebore. Bear Corn.)—Mountains.
parviflorum, Michx.—Mountains.
AMIANTHUM *muscætoxicum*, Gray. (Fall Poison. Hellebore. Crow
 Poison.)—Common,
angustifolium, Gray.—Low. Dist.
XEROPHYLLUM *asphodeloides*, Gray.—Table Mountain.
CHAMÆLIRIUM *luteum*, Gray. (Blazing Star. Devil's bit.)—Common.
PLEEA *tenuifolia*, Michx.—Low. Dist.
TOFIELDIA *glabra*, Nutt. (False Asphodel.)—Low. Dist.
pubens, Ait.—Common.

- TOFIELDIA glutinosa, Willd.—Mountains.
 UVULARIA perfoliata, L. (Bell-wort.)—Mid. Dist.
 grandiflora, Smith.—Mountains.
 sessilifolia, L.—Common.
 puberula, Michx.—Mid. and Up. Dist.
 PROSARTES lanuginosa, Don.—Mountains.
 STREPTOPUS roseus, Michx.—Do.

JUNCACEÆ.

- JUNCUS effusus, L. (Bog Rush.)—Common.
 setaceus, Rostk.—Low. and Mid. Dist.
 maritimus, Lam.—Brackish marshes.
 tenuis, Willd.—Common.
 Gerardi, Lois.—Brackish marshes.
 dichotomus, Ell.—Low. and Mid. Dist.
 scirpoides, Lam.—Do.
 polycephalus, Ell.—Common.
 paradoxus, Meyer.—Low. Dist.
 debilis, Gray.—Low. Dist.
 acuminatus, Michx.—Do.
 Elliottii, Chapm.—Do.
 Conradi, Tuck.—Do.
 marginatus, Rostk.—Low. and Mid. Dist.
 “ var: cylindricus.—Lincoln County.
 bufonius, L.—Low. Dist.
 LUZULA campestris, D. C.—Common.
 pilosa, Willd.—Mountains.
 CEPHALOXYS flabellata, Desv.—Low. Dist.

PONTEDERIACEÆ.

- PONTEDERIA cordata, L. (Pickerel Weed.)—Common.
 SCHOLLERA graminea, Willd. (Water Star Grass.)—Surry and west-ward.
 HETERANTHERA reniformis, R. & P. (Mud Plantain.)—N. Carolina.
 (Prof. Darby.)

COMMELYNACEÆ.

- COMMELYNA communis, L. (Day Flower.)—Low. Dist.
 Virginica, L.—Common.
 erecta, L.—Mid. and Up. Dist.

TRADESCANTIA Virginica, L. (Spider-wort.)—Mountains.
rosea, Vent.—Low. Dist.

MAYACACEÆ.

MAYACA Michauxii, S. & E.—Low. Dist.

XYRIDACEÆ.

XYRIS brevifolia, Michx. (Yellow-eyed Grass.)—Low. and Mid.
 Dist.

ambigua, Beyr.—Low. Dist.

flexuosa, Muhl.—Up. Dist.

Caroliniana, Walt.—Common.

fimbriata, Ell.—Low. Dist.

torta, Smith.—Low. and Mid. Dist.

tenuifolia, Chapm.—Low. Dist.

Baldwiniana, R. & S.—Low. Dist.

ERIOCAULONACEÆ.

ERIOCAULON decangulare, L. (Pipe-wort.)—Low. and Mid. Dist.
gnaphalodes, Michx.—Low. Dist.

PÆPALANTHUS flavidulus, Kth. (Yellow Pipe-wort.)—Low. Dist.

LACHNOCAULON Michauxii, Kth. (Hairy Pipe-wort.)—Low. and
 Mid. Dist.

CYPERACEÆ. (Sedge Grasses.)

CYPERUS flavescens, L.—Mid. Dist.

diandrus, Torr.—Common.

Nuttallii, Torr.—Low. Dist.

microdontus, Torr.—Mid. Dist.

Gatesii, Torr.—Low. Dist.

strigosus, L.—Common.

speciosus, Vahl.—Low. Dist.

stenolepis, Torr.—Do.

Michauxianus, Schultes.—Do.

“ var: ? *elongatus*, Torr.—Up. Dist.

tetragonus, Ell.—Low. Dist.

repens, Ell.—Do.

rotundus, L. (Nut Grss.)—Low. and Mid. Dist.

Haspan, L.—Low. and Mid. Dist.

dentatus, Torr.—Low. and Mid. Dist.

virens, Michx.—Low. and Mid. Dist.

vegetus, Willd.—Low. Dist.

- CYPERUS** *inflexus*, Muhl.—Mid. Dist.
compressus, L.—Low. Dist.
fliculmis, Vahl.—Do.
Grayii, Torr.—Do.
ovularis, Torr.—Low. and Mid. Dist.
retrofractus, Torr.—Common.
Baldwinii, Torr.—Low. Dist.
erythrorhizos, Muhl.—Low. and Mid. Dist.
- KYLLINGIA** *pumila*, Michx.—Common.
- LIPOCARPHA** *maculata*, Torr.—Low. and Mid. Dist.
- HEMICARPHA** *subsquarrosa*, Nees.—Mid. Dist.
- DULICHIMUM** *spathaceum*, Rich.—Low. and Mid. Dist.
- FUIRENA** *squarrosa*, Michx. (Umbrella Grass.)—Low. and Mid. Dist.
 “ *var: hispida*.—Mid. Dist.
- ELEOCHARIS** *equisetoides*, Torr. (Spike Rush.)—Low. Dist.
quadrangulata, R. Br.—Do.
tuberculosa, R. Br.—Low. and Mid. Dist.
simplex, Torr.—Do.
prolifera, Torr.—Low. Dist.
intermedia, Torr.—Mid. Dist.
rostellata, Torr.—Low. Dist.
melanocarpa, Torr.—Do.
tricostata, Torr.—Do.
tenuis, Schultes.—Mid. Dist.
microcarpa, Torr.—Low. Dist.
olivacea, Torr.—Sea-coast.
palustris, R. Br.—Low. Dist.
obtusa, Schultes.—Common.
acicularis, R. Br.—Low. Dist.
pygmæa, Torr.—Near the Coast.
Baldwinii, Torr.—Do.
- SCIRPUS** *cæspitosus*, L. (Bulrush.)—Mountains.
debilis, Pursh.—All the Districts.
pungens, Vahl. (Sword Grass.)—Near the Coast.
Olneyi, Gray.—Brackish marshes.
lacustris, L.—Low. Dist.
maritimus, L.—Salt Marshes.
polyphyllus, Vahl.—Mid. Dist.
Eriophorum, Michx.—Common.
lineatus, Michx.—Low. Dist.

- ERIOPHORUM** *Virginicum*, L. (Cotton Grass.)—Common.
polystachyon, L.—Mountain swamps.
- FIMBRISTYLIS** *spadicea*, Vahl.—Low. and Mid. Dist.
 “ *var: puberula*.—Low. Dist.
laxa, Vahl.—Mid. and Up. Dist.
- TRICHELOSTYLIS** *autumnalis*, Chapm.—Common.
- ISOLEPIS** *capillaris*, R. & S.—Low. and Mid. Dist.
ciliatifolia, Torr.—Low. Dist.
stenophylla, Torr.—Low. Dist.
- RHYNCHOSPORA** *plumosa*, Ell. (Tick-seed Grass.)—Low. Dist.
oligantha, Gray.—Low. Dist.
rariflora, Ell.—Do.
Torreyana, Gray.—Do.
cymosa, Nutt.—Mid. Dist.
microcarpa, Baldw.—Low. Dist.
inexpansa, Vahl.—Do.
caduca, Ell.—Do.
miliacea, Gray.—Do.
Grayii, Kth.—Do.
megalocarpa, Gray.—Do.
Baldwinii, Gray.—Do.
ciliata, Vahl.—Do.
fascicularis, Nutt.—Do.
 “ *var: distans*.—Do.
filifolia, Gray.—Do.
pallida, M. A. C.—Do.
alba, Vahl.—Low. and Mid. Dist.
gracilentata, Gray.—Do.
glomerata, Vahl.—Common.
 “ *var: paniculata*.—Do.
cephalantha, Gray.—Low. Dist.
Chapmanii, M. A. C.—Do.
- CERATOSCHÆNUS** *macrostachyus*, Gray. (Horned Rush.)—Low. Dist.
corniculatus, Nees.—Low. Dist.
- PSILOCARYA** *rhynchosporoides*, Torr. (Bald Rush.)—Low. Dist.
- CLADIUM** *effusum*, Torr. (Saw Grass.)—Low. Dist.
mariscoides, Torr. (Twig Rush.)—Do.
- DICHROMENA** *latifolia*, Baldw.—Low. Dist.
leucocephala, Michx.—Do.

- SCLERIA** *triglomerata*, Michx. (Nut Rush.)—Common.
reticularis, Michx.—Low. Dist.
laxa, Torr.—Common.
Elliottii, Chapm.—Low. and Mid. Dist.
pauciflora, Muhl.—Mid. Dist.
gracilis, Ell.—Low. Dist.
verticillata, Muhl.—Do.
- CAREX** *bromoides*, Schk. (Sedge Grass.)—Low. Dist.
decomposita, Muhl.—Mid. Dist. ?
vulpinoidea, Michx.—Low. and Mid. Dist.
stipata, Muhl.—Do.
sparganioides, Muhl.—Mid. Dist.
Muhlenbergii, Schk.—Low. and Mid. Dist.
cephalophora, Muhl.—Mid. Dist.
rosea, Schk.—Do.
retroflexa, Muhl.—Mountains.
stellulata, Good.—Common.
canescens, L.—Mountains. (*Buckley*.)
scoparia, Schk.—Common.
“ var: *lagopodioides*.—Do.
straminea, Schk.—Do.
“ var: *festucea*.—Up. Dist.
fœnea, Muhl.—Low. Dist.
“ var: *alata*.—Do. (*Croom*.)
torta, Boott.—Macon County.
stricta, Good.—Common.
crinita, Lam.—Common.
“ var: *gynandra*.—Low. Dist.
Mitchelliana, M. A. C.—Chatham County.
polytrichoides, Muhl.—Common.
Fraseri, Sims.—High mountains.
Willdenovii, Schk.—Up. Dist.
squarrosa, L.—Mid. Dist.
Buxbaumii, Wahl.—Mountains. (*Prof. Gray*.)
hirsuta, Willd.—Common.
triceps, Michx.—Mid. Dist.
virescens, Muhl.—Mountains.
æstivalis, M. A. C. (Winter Grass.)—Mountains.
gracillima, Schwein.—Low. Dist.
Davisii, Schw. & Torr.—Mountains.

- CAREX miliacea, Muhl.—Lincoln to Cherokee.
 filiformis, L.—Mountain swamps.
 vestita, Willd.—Up. Dist.
 polymorpha, Muhl.—Swamps of Low. and Up. Dist.
 dasycarpa, Muhl.—Low. Dist.
 Pennsylvanica, Lam.—Common.
 “ var: Muhlenbergii.—Up. Dist.
 lucorum, Willd.
 “ var: nigromarginata.—Mid. Dist.
 “ var: Emmonsii.—Low. and Mid. Dist.
 grisea, Wahl.—Mid. Dist.
 “ var: mutica.—Low. Dist.
 granularis, Muhl.—Low. Dist.
 conoidea, Schk.—Common.
 tetanica, Schk.—Mountains.
 laxiflora, Lam.—Common.
 “ var: striatula.—Mid. and Up. Dist.
 styloflexa, Buckl.—Mid. and Up. Dist.
 digitalis, Willd.—Do.
 oligocarpa, Schk.—Common.
 plantaginea, Lam.—Mountains. (*Prof. Gray.*)
 Caroliniana, Buckl.—Mountains.
 venusta, Dew.—Low. Dist.
 debilis, Michx.—Common.
 juncea, Willd.—Roan Mountain. (*Buckley.*)
 scabrata, Schwein.—Mountains.
 flacca, Schreb.—Mid. Dist.
 glaucescens, Ell.—Low. Dist.
 verrucosa, Ell.—Do.
 comosa, Boott.—Do.
 hystericina, Muhl.—Mountains.
 tentaculata, Muhl.—Common.
 gigantea, Rudge.—Up. Dist.
 lupulina, Muhl.—Common.
 subulata, Michx.—Low. Dist.
 folliculata, L.—Common.
 turgescens, Torr.—Low. Dist.
 Elliottii, Schw. & Tor.—Do.
 intumescens, Rudge.—Up. Dist.
 striata, Michx.—Low. Dist. ?

- CAREX riparia*, Curt.—Low. Dist.
bullata, Schk.—Mid. Dist. ?
- GRAMINEÆ. (Grasses.)
- LEERSIA oryzoides*, Swartz. (Rice Grass.)—Common.
Virginica, Willd.—Common.
lenticularis, Michx.—Islands of the Roanoke. (*Pursh.*)
- ZIZANIA aquatica*, L. (Wild Rice.)—Low. Dist.
miliacea, Michx. (Wild Oats.)—Low. and Mid. Dist.
- HYDROCHLOA Carolinensis*, Beauv.—Low. Dist.
- ALOPECURUS geniculatus*, L. (Floating Foxtail.)—Swampy Grounds.
pratensis, L. (Meadow Foxtail.)—Meadows.
- PHLEUM pratense*, L. (Timothy.)—Meadows.
- POLYPOGON maritimus*, Willd. (Beard Grass.)—Sea-coast.
- SPOROBOLUS junceus*, Kth. (Wire Grass.)—Low. and Mid. Dist.
Indicus, Br.—Do.
Virginicus, Kth.—Mid. Dist.
- VILFA aspera*, Beauv.—Low. and Mid. Dist.
vaginæflora, Torr.—Mid. Dist.
- AGROSTIS elata*, Trin. (Tall Thin Grass.)—Common.
perennans, Gray. (Thin Grass.)—Common.
scabra, Willd. (Hair Grass.)—Do.
alba, L. (Bent Grass. Herd's Grass.)—Common.
rupestris, All.—Mountains.
- CINNA arundinacea*, L. (Wood Reed Grass.)—Common.
 “ var : *pendula*.—Mountains.
- MUHLENBERGIA Mexicana*, Trin. (Drop-seed Grass.)—Mid. and Up.
 Dist.
Willdenovii, Trin.—Mountains.
diffusa, Schreb. (Nimble Will.)—Common.
capillaris, Kth. (Hair Grass.)—Near the coast.
trichopodes, Chapm.—Low. and Mid. Dist.
- BRACHYELYTRUM aristatum*, Beauv.—Mountains.
- CALAMAGROSTIS coarctata*, Torr. (Reed Bent Grass. Wild Oats.)—
 Common.
arenaria, Roth.—Sea-beach.
- STIPA avenacea*, L. (Feather Grass.)—Low. and Mid. Dist.
- ARISTIDA lanata*, Poir. (Three-awned Grass.)—Low. and Mid. Dist.
purpurascens, Poir.—Common.
gracilis, Ell.—Do.

- ARISTIDA *virgata*, Trin.—Low. Dist.
 stricta, Michx. (Wire Grass.)—Low. Dist.
 dichotoma, Michx. (Poverty Grass.)—Mid. Dist.
 spiciformis, Ell.—Low. Dist.
 oligantha, Michx.—Do.
- SPARTINA *juncea*, Willd.—Sea coast.
 polystachya, Willd.—Low. Dist. ♦
 glabra, Muhl. (Marsh Grass.)—Salt Marshes.
- GYMNOPOGON *racēmosus*, Beauv.—Common.
 “ var: *filiformis*.—Low. and Mid. Dist.
- EUSTACHYS *petræa*, Desv.—Sea coast.
- CYNODON *Dactylon*, Pers. (Bermuda Grass. Reed Grass.)—Low. and
 Mid. Dist.
- CTENIUM *Americanum*, Spreng. (Lemon Grass.)—Low. Dist. to
 Wake Co.
- DACTYLOCTENIUM *Aegyptiacum*, Willd. (Egyptian Grass.)—Do.
- ELEUSINE *Indica*, Gært. (Goose Grass.)—Common.
- LEPTOCHLOA *mucronata*, Kth.—Common in cult. grounds.
 polystachya, Kth.—Brackish marshes.
- TRICUSPIS *seslerioides*, Torr.—Common in old fields.
- TRIPLASIS *Americana*, Beauv. (Sand Grass.)—Low. Dist.
 purpurea, Chapm.—Low. Dist.
- ECTONIA *obtusata*, Gray.—Common.
 Pennsylvanica, Gray.—Mid. and Up. Dist.
- MELICA *mutica*, Walt. (Melic Grass.)—Common.
- GLYCERIA *nervata*, Trin.—All the Districts.
 pallida, Trin.—Up. Dist. (*Dr. Hunter.*)
 fluitans, R. Br.—Low. and Up. Dist.
- ARUNDINARIA *gigantea*, Chapm. (Cane.)—Low. Dist.
 tecta, Muhl. (Reed.)—Common.
- BRIZOPYRUM *spicatum*, Hook. (Spike Grass.)—Sea coast.
- POA *annua*, L. (Spear Grass. May Grass.)—Common.
 flexuosa, Muhl.—Common.
 pratensis, L. (Blue Grass.)—Common.
 compressa, L.—All the Districts.
- DACTYLIS *glomerata*, L. (Orchard Grass.)—All the Districts.
- ERAGROSTIS *reptans*, Nees.—Mid. and Up. Dist.
 megastachya, Link.—Common.
 Purshii, Schrad.—Do.

- ERAGROSTIS** *tenuis*, Gray.—Do.
capillaris, Nees.—Mid. Dist.
pectinacea, Gray.—Common.
 “ var: *refracta*.—Low. and Mid. Dist.
- FESTUCA** *Myurus*, L. (Fescue Grass.)—Low. and Mid. Dist.
tenella, Willd.—Do.
duriuscula, L.—Sea coast.
elatior, L.—Low. and Mid. Dist.
nutans, Willd.—Common.
- BROMUS** *secalinus*, L. (Cheat. Chess.)—Wheat fields.
ciliatus, L.—Mid. and Up. Dist.
 “ var: *purgans*.—Do.
- UNIOLA** *latifolia*, Michx.—Mid. and Up. Dist.
paniculata, L. (Beach Grass.)—Sea-beach.
gracilis, Michx.—Common.
- HORDEUM** *pusillum*, Nutt.—Low. Dist. (*W. M. Canby*.)
- ELYMUS** *Virginicus*, L. (Rye Grass.)—Common.
striatus, Willd.—Mountains.
- GYMNOSTICHUM** *Hystrix*, Schreb. (Bottle Brush.)—Mid. and Up. Dist.
- LOLIUM** *temulentum*, L. (Darnel.)—Mid. Dist.
- AIRA** *flexuosa*, L. (Hair Grass.)—Mountains.
- TRISETUM** *palustre*, Torr.—Low. and Mid. Dist.
molle, Kth.—Roan Mountain.
- DANTHONIA** *spicata*, Beauv. (Wild Oat Grass.)—Common.
sericea, Nutt.—Low. and Mid. Dist.
- ARRHENATHERUM** *avenaceum*, Beauv. (Tall Oat Grass.)—Mid. Dist.
 in meadows.
- HOLCUS** *lanatus*, L. (Velvet Grass.)—Common. In meadows.
- ANTHOXANTHUM** *odoratum*, L. (Sweet-scented Grass.)—Do.
- PHALARIS** *intermedia*, Bosc. (Southern Canary Grass.)—Low. Dist.
- PASPALUM** *fluitans*, Kth.—Lincoln Co. Also Gaston Co.? (*Dr. Hunter*.)
Walteri, Schultes.—Low. Dist.
Digitaria, Poir.—Do.
distichum, L. (Joint Grass.)—Low. and Mid. Dist.
præcox, Walt.—Low. Dist. to Wake.
læve, Michx.—Common.
Floridanum, Michx.—Low. and Mid. Dist.
racemosum, Nutt.—Coast to Cherokee.

- PASPALUM undulatum, Poir.—Low. and Mid. Dist.
 ciliatifolium, Michx.—Common.
- AMPHICARPUM Purshii, Kth.—Near Newbern. (*Croom.*)
- PANICUM *sanguinale*, L. (Crab Grass)—Common.
 filiforme, L.—Common.
 gibbum, Ell.—Low. Dist.
 Curtisii, Chapm.—Do.
 hians, Ell.—Low. and Mid. Dist.
 anceps, L.—Common.
 virgatum, L.—Do.
 anarum, Ell.—On the coast.
 proliferum, Lam.—Common.
 capillare, L.—Do.
 divergens, Muhl.—Low. Dist.
 verrucosum, Muhl.—Common.
 latifolium, L.—Mid. and Up. Dist.
 clandestinum, L.—Mid. Dist.
 scoparium, L.—Common.
 pauciflorum, Ell?—Low. Dist.
 viscidum, Ell.—Low. Dist.
 scabriusculum, Ell.—Do.
 microcarpon, Muhl.—Mid. Dist.
 dichotomum, L.—Common.
 commutatum, Schultes.—Low. and Mid. Dist.
 depauperatum, Muhl.—Do.
 ignoratum, Kth.—Low. Dist.
 rufum, Kth.—Do.
Crus-Galli, L.—Common.
 “ var : hispidum.—Do.
 Walteri, Ell.—Low. and Mid. Dist.
 hirtellum, L.—Near the coast.
- SETARIA *verticillata*, Beauv.—Low. Dist.
glauca, Beauv. (Foxtail)—Common.
Italica, Kth. (Italian Millet).—Near Wilmington.
- CENCHRUS tribuloides, L. (Sand-spur).—On the coast.
- ROTTBÆLLIA rugosa, Nutt.—Near Newbern. (*Croom & Wilson.*)
- TRIPSACUM dactyloides, L. (Gama Grass).—Low. and Mid. Dist.
- ANDROPOGON scoparius, Michx. (Broom Grass).—Low. and Mid. Dist.

- ANDROPOGON** *furcatus*, Muhl.—Common.
tetrastachyus, Ell.—Common.
 “ var: *distachyus*.—Low. Dist.
Elliottii, Chapm.—Low. Dist.
Virginicus, L.—Do.
 “ var: *vaginatus*.—Low. Dist. to Wake Co.
macrourus, Michx.—Low. and Mid. Dist.
ternarius, Michx.—Mountains. (*Michauxii*).
ERIANTHUS *alopecuroides*, Ell.—Coast to Cherokee.
brevibarbis, Michx.—Mid. Dist.
SORGHUM *avenaceum*, Chapm. (Indian Grass.)—Common.
Halapense, Pers. (Cuba Grass.)—Low. and Mid. Dist.
nutans, Gray. (Wood Grass.)—Common.

FLOWERLESS PLANTS.

EQUISETACEÆ.

EQUISETUM lævigatum, Braun. (Horse-tail.)—Low. and Mid. Dist.

FILICES. (FERNS.)

POLYPODIUM vulgare, L. (Polypod.)—Mid. and Up. Dist.

hexagonopterum, Michx.—Lincoln and westward.

incanum, Swartz.—Common.

PTERIS aquilina, L. (Brake.)—Do.

PELLÆA atropurpurea, Link. (Rock Brake.)—Mountains.

CHEILANTHES vestita, Swartz. (Lip Fern.)—Wake Co. to Mountains.

tomentosa, Link.—Mountains.

ADIANTUM pedatum, L. (Maiden-hair. Hair Fern.)—Common.

WOODWARDIA angustifolia, Smith.—Low. Dist.

Virginica, Willd.—Do.

CAMPTOSORUS rhizophyllus, Link. (Walking leaf.)—Mountains.

ASPLENIUM pinnatifidum, Nutt. (Spleen-wort.)—Do.

Trichomanes, L.—Lincoln and westward.

ebeneum, Ait.—Common.

angustifolium, Michx.—Mountains.

montanum, Willd.—Orange Co. to Mountains.

Ruta-muraria, L.—Mountains.

thelypteroides, Michx.—Do. (*Michaux.*)

Filix-fœmina, Bernh.—Common.

CYSTOPTERIS fragilis, Bernh. (Bladder Fern.)—Mountains.

bulbifera, Bernh.—Mountains.

ASPIDIUM Thelypteris, Swartz. (Wood Fern.)—Up. Dist.

Noveboracense, Willd.—Mid. and Up. Dist.

spinulosum, Swartz.—Mountains.

“ var: dilatatum.—Do.

marginale, Swartz.—Do.

acrostichoides, Swartz.—Common.

ONOCLEA sensibilis, L. (Sensitive Fern.)—Common.

WOODSIA Ilvensis, R. Br.—Mountains.

obtusa, Torr.—Do.

- DICKSONIA pilosiuscula, Kunze.—Do.
 LYGODIUM palmatum, Swartz. (Climbing Fern.)—Mountains.
 (*Buckley.*)
 OSMUNDA regalis, L. (Flowering Fern.)—Common.
 Claytoniana, L.—Mountains.
 cinnamomea, L.—Common.
 BOTRYCHIUM Virginicum, Swartz. (Moonwort.)—Mountains.
 lunarioides, Swartz.—All the Districts. •
 OPHIOGLOSSUM vulgatum, L. (Adder's Tongue.)—Up. Dist.
 LYCOPODIACEÆ.
 LYCOPODIUM lucidulum, Michx.—Mountains.
 Selago, L.—Do.
 alopecuroides, L.—Low. Dist. to Wake.
 clavatum, L. (Club Moss.)—Mountains.
 dendroideum, Michx. (Ground Pine.)—Do.
 Carolinianum, L.—Low. Dist.
 complanatum, L.—Mountains.
 SELAGINELLA rupestris, Spring.—Low. and Up. Dist.
 apus, Spring.—Common.
 HYDROPTERIDES.
 AZOLLA Caroliniana, Willd.—Low. Dist.

 MUSCI OR MOSSES.

- SPHAGNUM cymbifolium, Dill.—Common. Bogs and Swamps.
 compactum, Brid.—Up. Dist. Springy places.
 Lescurii, Sull.—Low. and Up. (Lesquereux.) Wet ground.
 Schraderi, Sull.—(Sull.) Wet ground.
 humile, Schimp.—Up. (Lesq.) Wet ground.
 cyclophyllum, Sull.—Low. and Up.? Swamps.
 sedoides, Brid.—Mountains. (Lesq.) Springy places.
 macrophyllum, Bernh.—Low. Swamps.
 acutifolium, Ehrh.—Common. Morasses.
 molle, Sull.—Mountains. (Gray.) Wet places.
 cuspidatum, Ehrh.—Common. Swamps.
 tabulare, Sull.—Mountains. (Sulliv.) Wet rocks.

- ANDRÆA rupestris*, Turn.—Mountains. (Sull.) On rocks.
PHASCUM serratum, Schreb.—(Sull.) Damp ground.
 crassinervium, Schwægr.—(Sull.) Earth in woods.
 cohærens, Hedw.—(Sull.) River banks.
 patens, Hedw.—(Sull.) On clay soil.
 muticum, Schreb.—Mid. Naked earth.
 subulatum, Schreb.—(Sull.) Earth.
 crispum, Hedw.—(Sull.) Do.
BRUCHIA flexuosa, Schwægr.—Low. Sides of ditches.
 brevifolia, Sull.—Low. Earth.
 Ravenelii, Wils.—Low. Grassy land.
WEISIA viridula, Brid.—Common. Grass lands.
RHABDOWEISIA denticulata, Br. & Sch.—Mts. (Sulliv.) On rocks.
CAMPYLOPUS flexuosus, Brid.—Mts. (Sulliv.) Rocks.
TREMATODON longicollis, Rich.—Mid. and Up. Clayey soil.
DICRANUM varium, Hedw.—Mid. and Up. Clay banks.
 heteromallum, Hedw.—Common. Wet ground.
 interruptum, Br. & Sch.—Mts. (Sull.) On rocks.
 longifolium, Hedw.—Mountains. (Ravenel.) Rocks.
 scoparium, L.—Common. Earth and rocks.
 elongatum, Schwægr.—Mts. Earth.
 congestum, Brid.—Mts. Rocks.
 spurium, Hedw.—Low. & Mid. (Sull.) Sandy soil.
CERATODON purpureus, Brid.—Low. & Mid. Sandy ground.
LEUCOBRYUM minus, Hampe.—Low. & Mid. Earth.
 glaucum, Hampe.—Common. Moist ground.
FISSIDENS bryoides, Hedw.—Mid. & Up. Shaded banks.
 Ravenelii, Sull.—Low. Side of ditches.
 osmundioides, Hedw.—Mts. (Sull.) Base of trees.
 subbassilaris, Hedw.—Mid. Old logs and trees.
 taxifolius, Hedw.—Low. Earth in woods.
 adiantoides, Hedw.—Low. Wet ground.
CONOMITRIUM Julianum, Mont.—Low. Shallow streams.
TRICHOSTOMUM vaginans, Sull.—Low. Side of ditches.
 glaucescens, Hedw.—Up. (Sull.) Earth.
 tortile, Schrad.—Mid. & Up. Clay soil.
 pallidum, Hedw.—Common. Clay soil.
BARBULA unguiculata, Hedw.—Mid. Earth.
 cæspitosa, Schwægr.—Low. & Mid. Earth and walls.

- RARBULA tortuosa*, W. & M.—Mts. (Sull.) Wet rocks.
ruralis, Hedw.—Up. (Sull.) On rocks.
- DESMATODON plinthobius*, Sull. & Lesq.—Low. Brick walls.
- TETRAPHIS pellucida*, Hedw.—Mid. & Up. Earth in woods.
- ZYGODON Sullivantii*, Mull.—Mts. (Sull.) On rocks.
- DRUMMONDIA clavellata*, Hook.—Common. Trunks of trees.
- ORTHOTRICHUM cupulatum*, Hoff.—Up. (Sull.) On Rocks.
exiguum, Sull.—Low. (Sull.) On Trees.
strangulatum, Beauv.—Common. Trees.
Hutchinsiae, Smith.—Mts. Rocks.
crispum, Hedw.—Mts. Trees.
- PTYCHOMITRIUM incurvum*, Schwægr.—Mts. (Sull.) Rocks.
Drummondii, H. & W.—Low. Trees and roofs.
- GRIMMIA apocarpa*, Hedw.—Up. On rocks.
Pennsylvanica, Schwægr.—Mid. and Up. Rocks.
- HEDWIGIA ciliata*, Ehrh.—Mid. and Up. Rocks.
- BUXBAUMIA aphylla*, Haller.—Up. (Sull.) Earth.
- DIPHYSCIUM foliosum*, W. & M.—Mts. Earth.
- ATRICHUM undulatum*, Beauv.—Up. (Sull.) Clay banks.
 ✕ *angustatum*, Beauv.—Common. Shady woods.
- POGONATUM brevicaulis*, Brid.—Mid. and Up. Clay banks.
brachyphyllum, Michx.—Low. Sandy banks.
- POGONATUM urnigerum*, Brid.—Mts. (Sull.) Earth.
capillare, Brid.—Mts. (Sull.) Earth.
alpinum, Brid.—Mts. (Sull.) Earth.
- POLYTRICHUM commune*, L.—Low. and Mid. Damp sandy soil.
formosum, Hedw.—Mts. Earth around trees.
piliferum, Schreb.—Mts. (Sull.) Rocky soil.
- AULACOMNION palustre*, Schwægr.—Low. Swampy ground.
heterostichum, Br. & Sch.—Mid. and Up. Shaded banks.
androgynum, Schwægr.—Mts. (Sull.) Rocky ground.
- BRYUM pyriforme*, Hedw.—Mid. and Up. Moist ground
crudum, Schreb.—Mts. (Sull.) Earth.
annotinum, Hedw.—Mts. (Sull.) Earth.
elongatum, Dicks.—Mts. (Sull.) Crevices of rocks.
roseum, Schreb.—Mid. and Up. Shady woods.
argenteum, L.—Mid. and Up. On roofs, open ground, &c.
pseudo-triquetrum, Schwægr.—Up. (Sull.) Wet rocks.

- BRYUM** *cernuum*, Hedw.—Up. (Sull.) Damp woods.
intermedium, Brid.—Low. Brick walls.
capillare, Hedw.—Up. (Sull.) Rocks.
cæspiticium, L.—Mid. and Up. Earth and rocks.
atropurpureum, W. & M.—Mts. (Sull.) Earth.
- MNIUM** *affine*, Bland.—Common. Shady banks.
stellare, Hedw.—Up. (Sull.) Borders of streams.
punctatum, Hedw.—Mts. Damp earth.
serratum, Brid.—Mts. (Sull.) Margin of rivulets.
rostratum, Schwægr.—Up. (Sull.) Along streams.
cuspidatum, Hedw.—Mid. and Up. Base of trees.
- BARTRAMIA** *pomiformis*, Hedw.—Mid. and Up. Damp shaded ground.
fontana, Brid.—Mid. and Up. Springy ground.
calcareæ, Br. & Sch.—Mountains. (Lesqur.) Wet rocks.
radicalis, Beauv.—Low. Side of streams.
- FUNARIA** *hygrometrica*, Hedw.—Mid. and Up. Earth.
flavicans, Michx.—Low. Earth.
serrata, Beauv.—Low. Earth.
- ENTOSTHODON** *Drummondii*, Sull.—(Sull.) Clayey soil.
- PHYSCOMITRIUM** *pyriforme*, Br. & Sch.—Low. Damp woods.
- PETRAPLONDON** *australis*, Sull. & Lesq.—Low. In swamps.
- FONTINALIS** *disticha*, H. & W.—(Sull.) In rivulets.
Lescurii, Sull.—Mountains. (Lesquer.) Streams.
squamosa, L.—Mountains. In streams.
- DICHELYMA** *capillaceum*, Bryol. Eur.—(Sull.) In rivulets.
subulatum, Myrin.—(Sull.) Rivulets.
- CRYPHÆA** *glomerata*, Schimp.—Low. & Mid. On trees.
nervosa, H. & W.—Do. On trees.
- LEUCODON** *julaceus*, Hedw.—Low. & Mid. On trees.
brachypus, Brid.—Mts. On trees.
- LEPTODON** *trichomitrium*, Mohr.—Up. On trees.
immersum, Sull. & Lesq.—(Sull.) On trees.
- ANTITRICHIA** *curtipendula*, Brid.—Mts. (Lesq.) Earth.
- ANOMODON** *viticulosus*, H. & T.—Mts. Rocks.
apiculatus, Br. & Sch.—Do. (Sull.) Old logs.
obtusifolius, Br. & Sch.—(Sull.) Trees.
attenuatus, Hub.—Mid. Rocks and trees.
tristis, Cesat.—Mid. & Up. Trees.

- LESKEA** polycarpa, Hedw.—(Sull.) Base of trees.
 obscura, Hedw.—Mid. Base of trees.
 rostrata, Hedw.—Mid. & Up. Base of trees.
 denticulata, Sull.—Mts. (Sull.) Do.
- CLASMATODON** parvulus, Hampe.—Low. Trunk of trees.
- THELIA** hirtella, Hedw.—Low. & Mid. Trunk of trees.
 Lescurii, Sull.—(Lesq.) Sandy ground.
- MYURELLA** Careyana, Sull.—Mountains. (Sull.) Earth.
- FABRONIA** Ravenelii, Sull.—(Sull.) Rocks.
 Caroliniana, Sull. & Lesq.—(Sull.) Decayed logs.
- ANACAMPTODON** splachnoides, Brid.—Mid. Hollow trees.
- PYLAISÆA** intricata, Hedw.—Mid. Roofs & trunks of trees.
- HOMALOTHECIUM** subcapillatum, Bryol. Eur.—Mid. On trees.
- PLATYGYRIUM** repens, Bryol. Eur.—Mid. & Up. Rotten logs, &c.
- CYLINDROTHECIUM** seductrix, Bryol. Eur.—Common. Decaying wood.
 cladorrhizans, Bry. Eur.—Mid. & Up. Old logs.
 compressum, Bry. Eur.—Low. & Mid. Trees.
 Sullivantii, C. Mull.—Up. (Sull.) Stones.
 Drummondii, Schimp.—Up. (Rav.) Rocks & Trees.
 brevisetum, Bry. Eur.—Mid. Trees.
- NECKERA** pennata, Hedw.—Mts. Trunks of trees.
 complanata, Bry. Eur.—Mts. On rocks.
- HOOKERIA** acutifolia, Hook?—Mts. (Sull.) Earth.
- CLIMACIUM** Americanum, Brid.—Up. Earth and logs.
- HYPNUM** tamariscinum, Hedw.—Common. Earth and logs.
 delicatulum, L.—Mts. (Sull.) Earth.
 minutulum, Hedw.—Common. Logs and walls.
 scitum, Beauv.—Up. (Sull.) Base of trees.
 gracile, Br. & Sch.—Mts. Old Logs.
 triquetrum, L.—Mid. and Up. Earth in woods.
 brevirostre, Ehrh.—Mts. Rocks and base of trees.
 splendens, Hedw.—Up. On earth in woods.
 unbratum, Ehrh.—Mts. (Sull.) Rocks.
 Alleghaniense, C. Mull.—Mts. (Sull.) Borders of rivulets.
 hians, Hedw.—Low. Earth.
 Boscii, Schwægr.—Up. Earth.
 serrulatum, Hedw.—Up. (Rav.)—On the ground.

- HYPNUM rusciforme, Weis.—Up. Rocks in streams.
 demissum, Wils.—Mts. (Sull.) Moist rocks.
 microcarpum, C. Mull.—Common. Trunks of trees.
 cylindrocarpum, C. Mull.—Mts. (Sull.) On logs.
 recurvans, Schwægr.—Common. Earth and rocks.
 album, C. Mull.—Common. Damp ground.
 eugyrium, Bry. Eur.—Mts. Wet ground.
 molle, Dicks.—Mts. Margin of streams.
 cuspidatum, L.—(Sull.) Marshy places.
 cordifolium, Hedw.—(Sull.) In Swamps.
 uncinatum, Hedw.—Mts. (Sull.) Rocks and logs.
 fluitans, L.—(Sull.) Swamps.
 aduncum, Hedw.—Mts. Swampy grounds.
 molluscum, Hedw.—Mid. and Up. Earth and rocks.
 cupressiforme, L.—Mts. Trees and earth.
 imponens, Hedw.—Mid. and Up. Earth and logs.
 reptile, Michx.—Mts. Decaying logs.
 curvifolium, Hedw.—Mid. and Up. Earth and logs.
 nemorosum, Koch.—Mts. (Sull.) Decayed logs.
 rugosum, Ehrh.—Up. (Sull.) Limestone rocks.
 sabulosum, Hoffm.—Common. Earth and logs.
 acuminatum, Beauv.—Up. Earth and logs.
 rutabulum, L. (Sull.) Springy ground.
 plumosum, L.—Mts. (Sull.) Earth.
 stellatum, Schreb.—Mid. and Up. Marshy ground.
 hispidulum, Brid.—Mid. and Up. Earth.
 serpens, Hedw.—Common. Rocks, logs and earth.
 radicale, Brid.—Common. Rocks, logs and earth.
 riparium, Hedw.—Low. Swampy ground.
 Lescurii, Sull.—Mts. (Sull.) Wet rocks.
 denticulatum, L.—Up. (Sull.) Rocks and Swamps.
 Muhlenbeckii, Bry. Eur.—Mts. (Sull.) Earth and rocks.
 fulvum, H. & W.—Low. In water.
 sylvaticum, L.—Mts. (Sull.) Earth.

HEPATICÆ OR LIVERWORTS.

- RICCIA glauca*, L.—Common. Damp ground.
lutescens, Schwein.—Low. and Mid. Damp ground.
- SPHÆROCARPUS Michelii*, Bellard.—Low. and Mid. Cult. ground.
- ANTHOCEROS punctatus*, L.—Common. Side of ditches, &c.
lævis, L.—Common. Moist earth.
laciniatus, Schwein.—Mid. (Schwein.) Wet gravelly ground.
- NOTOTHYLAS orbicularis*, Sull.—Mid. (Schwein.) Damp ground.
- MARCHANTIA polymorpha*, L.—Common. Damp ground.
- DUMORTIERA hirsuta*, Nees.—Common. Face of rocks. .
- FEGATELLA conica*, Cda.—Mid. and Up. Moist ground.
- REBOULIA hemispherica*, Raddi.—Low. and Mid. Springy ground.
- FIMBRIARIA tenella*, Nees.—Common. Shaded ground.
- METZGERIA furcata*, Nees.—Mid. and Up. Rocks and base of trees.
pubescens, Raddi.—Up. (Schwein.) Rocks and base of trees.
- ANEURA sessilis*, Spreng.—Low. Rotten wood.
pinguis, Dum.—Mid. (Schwein.) Among Swamp Moss.
palmata, Nees.—Mid. Wet earth and wood.
multifida, Dum.—Common. Wet earth and wood.
- STEETZIA Lyellii*, Lehm.—Low. and Mid. Wet ground.
- PELLIA epiphylla*, Nees.—Mid. and Up. Wet ground.
- FOSSOMBRONIA pusilla*, Nees.—Low. and Mid. Wet ground.
- GEOCALYX graveolens*, Nees.—Low. and Mid. Rotten logs and wet rocks.
- CHILOSCYPHUS polyanthos*, Cda.—Mid. (Schwein.) Rocks and wet ground.
ascendens, H. & W.—(Sulliv.) Rotten logs, &c.
- LOPHOCOLEA heterophylla*, Nees.—(Sull.) Rotten logs.
- SPIAGNICETIS communis*, Nees.—Common. Damp mossy places.
- SCAPANIA nemorosa*, Nees.—Common. Wet rocks and earth.
undulata, Nees and Mont.—Mid. (Schwein.) Boggy lands.
- JUNGERMANNIA setacea*, Web.—Mid. and Up. Wet ground.
trichophylla, L.—Up. (Sull.) Decayed wood, &c.

- JUNGERMANNIA** *convivens*, Dicks.—Common. Decayed wood, &c.
curvifolia, Dicks.—Mid. (Schwein.) Decayed woods, &c.
bicuspidata, L.—Mid. and Up. Decayed wood, &c.
setiformis, Ehrh.—Up. (Sull.) Decayed wood, &c.
barbata, Schreb.—Up. (Sull.) Earth and rocks.
Michauxii, Web.—Mid. and Up. Side of wet rocks.
incisa, Schrad.—Mid. (Schwein.) Damp earth.
Schraderi, Mart.—Low. and Mid. Earth and logs.
crenulata, Sm.—Mid. Wet rocks, &c.
exsecta, Schmidel.—Mid. (Schwein.) Earth and wood.
obtusifolia, Hook.—Mid. and Up. Earth and rocks.
albicans, L.—Mid. (Schwein.) Earth.
- PLAGIOCHILA** *spinulosa*, N. & M.—Mts. (Sull.) Banks of rivulets.
asplenioides, N. & M.—Mid. and Up. (Schw.) Banks of rivulets.
porelloides, Lind.—Up. Swampy ground.
- SARCOSCYPHUS** *Ehrharti*, Cda.—Mts. (Sull.) Rocks.
- FRULLANIA** *Grayana*, Mont.—Mid and Up. Rocks and trees.
Caroliniana, Sull.—Low. Bark of trees.
Hutchinsiae, Nees.—Mts. (Sull.) Wet rocks.
Virginica, Lehm.—Low. and Mid. Trees and old roofs.
Eboracensis, Lehm.—Low. and Mid. Bark of trees.
plana, Sull.—Mts. (Sull.) Rocks.
æolotis, Nees.—Mid. and Up. Rocks, logs, &c.
- LEJEUNIA** *clypeata*, Schwein.—Common. Trees and rocks.
longiflora, Tayl.—(Sull.) Trees.
calyculata, Tayl.—Mts. (Sull.) On Lichens.
serpyllifolia, Lib.—Low. and Mid. Rocks and trees.
cucullata, Nees.—Mts. (Sull.) Rocks.
- MADOITHECA** *porella*, Nees.—Common. Earth and rocks.
playthylla, Dum.—Mid. and Up. Trees and rocks.
Wataugensis, Sull.—Mts. (Sull.) Old logs.
- RADULA** *complanata*, Dum.—Mid. (Schwein.) Bark of trees.
pallens, Nees.—Mts. (Sull.) Old logs.
- PTILIDIUM** *ciliare*, Nees.—(Sull.) Rotten logs.
- SENDTNERA** *juniperina*, Nees.—Mts. (Sull.) Earth.

- TRICHOCOLEA *Tomentella*, Nees.—Mid. and Up. Damp ground.
 MASTIGOBRYUM *trilobatum*, Nees.—Common. Damp ground.
 LEPIDOZIA *reptans*, Nees.—Mts. (Sull.) Wet rocks.
 CALYPOGEIA *Trichomanis*, Cda.—Low. Wet ground.

 LICHENES.

COLLEMACEI.

- ENCHYLIUM *polycoccum*, (Nyl.)—Mid. Dist. On rocks.
 COLLEMA *flaccidum*, Ach.—Mid. and Up. Rocks.
 pulchellum, Ach.—Low. and Mid.—On Trunks.
 tenax, (Sw.) Ach.—Mid. (Schwein.) On the earth.
 limosum, Ach.—Mid. (Schwein.) On the earth.
 nigrescens, (L.) Ach.—Mid. and Up. Rocks and trunks.
 cyrtaspis, Tuck.—Mid. and Up. Trunks.
 leptaleum, Tuck.—Mid. and Up. Trunks.
 pycnocarpum, Nyl.—Mid. On trunks.
 LEPTOGIUM *lacerum*, (Sw.) Fr.—Mid. (Schwein.) Earth among
 Mosses.
 Corticola, (Tayl.) Tuck.—Mid. and Up. Mossy trunks
 and rocks.
 tremelloides, (L.) Fr.—Common. Trunks and rocks.
 saturninum, (Dicks.) Nyl.—Mid. and Up. Trunks and
 rocks.
 chloromelum, (Sw.) Nyl.—Mid. (Schwein.) and Up.
 Trunks and rocks.
 MYRIANGIUM *Curtisii*, Mont. and Berk.—Common. On trunks of
 Nyssa, *Crataegus*, &c.

LICHENACEI.

- CALICIUM *trachelinum*, Ach.—Mid. and Up. On dead wood.
 quercinum, Pers.—Mid. (Schwein.) Trunks.
 CONIOCYBE *furfuracea*, (L.) Fr.—Mid. (Schwein.) Trunks.
 CONIOCYBE *albella*, Schwein.—Mid. (Schwein.) Trunks.

- BEOMYCES** ericetorum, (L.) D. C.—Common. Earth.
CLADONIA Papillaria, (Ehrh.) Hoffm.—Common. Earth.
 cespiticia, Fl.—Up. Trunks.
 pyxidata, (L.) Fr.—Common. Earth.
 gracilis, (L.) Fr.—Common. Earth.
 fimbriata, (L.) Fr.—Mid. and Up. Earth.
 furcata, (Schreb.) Fl.—Mid. and Up. Earth.
 squamosa, Hoffm.—Common. At base of trees, &c.
 rangiferina, (L.) Hoffm.—Common. Earth.
 uncialis, Fr.—Up. Earth.
 Caroliniana, Schwein.—Mid. and Up. (Schw.) Earth.
 Mitrula, Tuck.—Low. and Mid. Earth.
 Georgiana, Tuck.—Mid. and Up. Earth.
 cornucopioides, (L.) Fr.—Up. (Rav.) Earth.
 cristatella, Tuck.—Common. Earth.
 macilenta, Hoffm.—Up. Earth and rotten logs.
 pulchella, (Schwein.) Tuck.—Mid. (Schwein.) Earth.
 cetrarioides, (Schwein.) Tuck.—Mid. (Schwein.) Earth.
 leporina, (Fr. Hb.) Tuck.—Low. and Mid. Earth.
STEREOCAULON sphaerophoroides, Tuck.—Mts. Earth.
USNEA barbata, Fr.—Common. Limbs of trees.
 trichodea, Ach.—Low. and Mid. Limbs of trees.
 angulata, Ach.—Mid. (Schwein.) Limbs of trees.
ALECTORIA jubata, (L.) Ach.—Mid. and Up. Old rails and rocks.
RAMALINA calicaris, Fr.—Common. Trees, rails, &c.
EVERNIA furfuracea, (L.) Mann.—Mid. and Up. Limbs and trunks.
CETRARIA Islandica, (L.) Ach.—Grandfather and Black Mts. Earth.
 lacunosa, Ach.—Mid. and Up. Trunks.
 ciliaris, Ach.—Mid. and Up. Trunks and old rails.
 Oakesiana, Tuck.—Mts. Trunks.
 juniperina, (L.) Ach.—Common. Trunks and limbs.
NEPHROMA tomentosum, (Hoffm.) Korb.—Mid. (Schwein.) Trunks.
 Helveticum, Ach.—Low. and Mid. Trunks and rocks.
PELTIGERA aphthosa, (L.) Hoffm.—Up. (Rav.) Earth.
 canina, (L.) Hoffm.—Mid. and Up. Earth and trunks.
 rufescens, (Neck.) Hoffm. Common. Trunks.
 polydactyla, (Neck.) Hoffm.—Common. Rocks and trunks.
STICTA pulmonaria, (L.) Ach.—Common. Trunks.

- STICTA** *quercizans*, (Michx.) Ach.—Mts. Trunks and rocks.
glomerulifera, (Lightf.) Delise.—Mts. Trunks and rocks.
Ravenelii, Tuck.—Low. Trunks.
crocata, (L.) Ach.—Mts. (Buckl.) Rocks.
aurata, (Sm.) Ach.—Common. Rocks and trees.
- PARMELIA** *perlata*, (L.) Ach.—Common. Rocks and trees.
crinita, Ach.—Mid. and Up. Trunks.
perforata, Ach.—Mid. and Up. Trunks.
laevigata, (Sm.) Ach.—Common. Trunks.
aurulenta, Tuck.—Up. Trunks and rocks.
tiliacea, (Ehrh.) Ach.—Common. Trunks and rails.
Borreri, Turn.—Low. and Mid. Trunks.
aleurites, Ach.—Mts. (Rav.) Trunks and rails.
colpodes, Ach.—Mid. and Up. Trunks.
olivacea, Ach.—Mts. (Rav.) Trunks.
caperata, (L.) Ach.—Common. Trunks and stones.
conspersa, (Ehrh.) Ach.—Common. Rocks and stones.
ambigua, Ach.—Common. Trunks and dead wood.
- PIRYSCIA** *chrysoptalma*, (L.) D. C.—Low. On trees.
parietina, (L. Duf.) Nyl.—Common. On trees.
candelaria, (Ach.) Nyl.—Low. and Mid. On trees.
aquila, Ach. (Nyl.)—Mid. and Up. Trunks.
speciosa, (Wulff. Fr.)—Common. Trunks.
stellaris, (L.)—Common. Trunks and rocks.
obscura, (Ehrh.) Nyl.—Mid. and Up. Trees.
picta, (Ach.) Nyl.—Low. Trunks.
- UMBILICARIA** *mammulata*, Ach.—Mts. Rocks.
Pennsylvanica, Hoffm.—Mts. Rocks.
pustulata, Hoffm.—Mid. and Up. Rocks.
Muhlenbergii, (Ach.) Tuck.—Mid. (Schwein.) and Up. Rocks.
Dillenii, Tuck.—Mid. and Up. Rocks.
- PYXINE** *Cocoes*, (Sw.) Nyl.—Mid. and Up. Trunks, woods and rocks.
- PANNARIA** *rubiginosa*, (Thunb.) Delis.—Mid. and Up. Trees.
leucosticta, Tuck.—Mid. (Schwein.) Rocks and trees.
tryptophylla, (Ach. Fr.) Nyl.—Mid. and Up. Rocks and trees.
- COCCOCARPIA** *stellata*, Tuck.—Low. Trunks.

- COCCOCARPIA** *parmelioides*, (Hook.)—Common. Trunks and rocks.
Micheneri, Tuck.—Mid. Base of trunks.
- HEPPIA** *Despreauxii*, (Mont.)—Low. and Mid. Earth.
- AMPHILOMA** *Ianuginosum*, (Fr.) Nyl.—Mid. (Schwein.) Rocks.
- SQUAMARIA** *Frostii*, Tuck.—Mid. and Up. Granite rocks.
- LECANORA** *cerina*, (Hedw.) Ach.—Mid. and Up. Trunks and rocks.
aurantiaca, (Lightf.) Nyl.—Mid. Trunks and rocks.
cinnabarina, Ach.—Mid. Rocks.
camptidia, Tuck.—Low. Trunks.
ferruginea, (Huds.) Nyl.—Mid. Trunks.
cervina, (Pers.) Sommerf.—Mid. and Up. Rocks.
chrysops, Tuck.—Mid. Rocks.
Myrini, (Fr.)—Mid. Rocks.
tartarea, (L.) Ach.—Mid. and Up. Rocks.
pallescens, (L.) Schær.—Mid. Trunks.
pallida, (Schreb.) Schær.—Low. and Mid. Trunks.
subfusca, (L.) Ach.—Common. Trunks and rocks.
Cenisia, Ach.—Mid. (Schwein.) Rocks.
Berica, Tuck.—Mid. Trees.
varia, (Ehrh.) Ach.—Common. Trunks and old wood.
orosthea, Ach.—Mid. (Schwein.) Rocks.
atra, (Huds.) Ach.—Mid. Rocks.
oreina, Ach.—Mid. Rocks.
chrysomelæna, Ach.—Mid. Rocks.
sophodes, Ach.—Mid. Trunks and rocks.
punicea, Ach.—Low. Trunks.
ochrophæa, Tuck.—Mts. Balsam trunks.
- URCEOLARIA** *lepadina*, (Sommerf.)—Mid. (Schwein.) Rocks.
actinostoma, Pers.—Mid. (Schwein.) Rocks.
- PERTUSARIA** *pertusa*, (L.)—Common. Trunks.
pilulifera, (Pers.) Nyl.—Mid. Trunks.
faginea, (L.)—Mid. Trunks.
hymenia, (Ach.)—Mid. (Schwein.) Trunks.
globularis, (Ach.)—Mid. and Up. On mosses.
leioplaca, (Ach.) Nyl.—Mid. Trunks.
- THELOTREMA** *Ravenelii*, Tuck.—Low. and Mid. Base of trunks.
subtile, Tuck.—Low. Trunks.
- GYMNOTREMA** *atratum*, (Fec.) Nyl.—Low. Trunks.
- LECIDEA** *pineti*, (Schrad.) Ach.—Mid. (Schwein.) On the earth.
Russellii, Tuck.—Up. Rocks.

- LECIDEA** rufonigra, Tuck.—Mid. and Up. Rocks.
 chlorosticta, Tuck.—Low. Pine and Cypress trunks.
 parvifolia, Pers.—Common. Trunks.
 absconsa, Tuck.—Low. (Tuckerm.) Red Oak Trunks.
 microps, (Fr.) Tuck.—Mid. (Schwein.) Trunks.
 russula, Ach.—Common. Trunks.
 spadicea, Ach.—Low. and Mid. Trunks.
 sanguineoatra, Ach.—Mid. (Schwein.) On Mosses.
 anomala, Fr.—Mid. (Schwein.) Trunks.
 uliginosa, Ach.—Mid. Earth.
 recedens, Nyl.—Low. Dead wood.
 leucoblephara, Nyl.—Low. On bark.
 exigua, Chaub.—Common. Trunks.
 luteola, Ach.—Mid. Trunks.
 Schweinitzii, Fr.—Low. and Mid. Bark of trunks.
 Elizae, Tuck.—Low. Pine bark.
 pachycheila, Tuck.—Low. Trunks.
 Domingensis, (Ach.)—Low. Trunks.
 leucoxantha, Spreng.—Low. and Mid. Trunks.
 parasema, (Ach.) Nyl.—Low. Trunks.
 “ var: enteroleuca.—Mid. Rocks.
 lactea, Massal.—Mid. (Schwein.) Rocks.
 atroalba, Fr.—Mid. (Schwein.) Rocks.
 petræa, Flot.—Mid. Rocks.
 contigua, Fr.—Mid. and Up. Rocks.
 rivulosa, Ach.—Mid. (Schwein.) Rocks.
 disciformis, (Fr.) Nyl.—Common. Trunks.
- CONOTREMA** urceolatum, (Ach.) Tuck.—Mts: Trunks.
- GRAPHIS** scripta, (L.) Ach.—Common. Bark of trees.
 striatula, Ach.—Mid. Trunks.
 inusta, Ach.—Low. Trunks.
 dendritica, Ach.—Common. Trunks.
 Afzelii, Ach.—Low. On bark.
 astrocea, Tuck.—Low. Bark of Cypress.
 nitida, (Eschw.) Nyl.—Low. Bark.
 erumpens, Nyl.—Low. Bark.
 Patellula, (Fee.) Nyl.—Low. Bark.
- OPEGRAPHA** oulocheila, Tuck.—Mid. (Schwein.) Rocks.
 varia, Pers.—Common. Trunks.

- OPEGRAPHA atra*, Pers.—Common. Trunks.
PLATYGRAPHA ocellata, Nyl.—Low. Smooth bark.
ARTHONIA cinnabarina, Wallr.—Low. Trunks.
 Caribœa, (Ach.) Nyl.—Mid. Trunks.
 rubella, Fee.—Low. Trunks.
 tædiosa, Nyl.—Low. Trunks.
 spectabilis, Flot.—Mts. (Rav.) Trunks.
 astroidea, Ach.—Mid. Trunks.
 glaucescens, Nyl.—Up. (Rav.) Trunks.
GLYPHIS Achariana, Tuck.—Low. and Mid. Smooth bark.
NORMANDINA Jungermannia, Nyl.—Mts. (Rav.) On Mosses.
ENDOCARPON miniatum, Ach.—Mid. (Schw.) and Up. (Rav.) On
 Rocks.
 Muhlenbergii, Ach.—Mid. and Up. On rocks.
 fluviatile, (Web.) D. C.—Mts. (Rav.) Wet rocks.
 Tuckermani, Mont.—Common. Mossy trunks.
 hepaticum, Ach.—Mid. (Schwein.) Earth.
VERRUCARIA umbrina, (Ach.) Wahl.—Mid. (Schwein.) Granite
 rocks.
 nigrescens, Pers.—Mid. and Up. Rocks.
 fuscella, (Turn.) Ach.—Mid. (Schwein.) Rocks.
 rupestris, Schrad.—Up. Lime rocks.
 diffractella, Nyl.—Mid. (Schwein.) Rocks.
 epigœa, Pers.—Low. and Mid. On naked earth.
 carpinea, (Pers.) Ach.—Mid. Trunks.
 Nucula, (Ach.) Nyl.—Low. Trunks.
 pyrenuloides, (Mont.) Nyl.—Low. Trunks.
 Santensis, Tuck.—Low. Trunks.
 nitida, Schrad.—Common. On smooth bark.
 punctella, Nyl.—Low. Trunks.
 thelomorpha, Tuck.—Low. Trunks.
 spinulosa, Schwein.—Mid. (Schwein.) Trunks.
 aggregata, (Fee.) Nyl.—Low. Trunks.
 glabrata, Ach.—Mid. (Schwein.) Trunks.
 gemmata, Ach.—Low. Trunks.
 subprostans, Nyl.—Low. Trunks.
 tropica, Ach.—Low. and Mid. Smooth bark.
 prostans, Mont.—Low. Trunks.
 5-septata, Nyl.—Low. Trunks of Holly.

- VERRUCARIA epidermidis, Ach.—Common. Smooth bark.
 PYRENASTRUM Americanum, Spreng.—Low. Trunks.
 simplex, Rav.—Low. Trunks.
 Ravenelii, Tuck.—Low. Trunks.
 TRYPETHELIUM cruentum, Mont.—Low. Trunks.
 scoria, Fee.—Low. and Mid. Trunks.
 virens, Tuck.—Mid. Trunks.
 Carolinianum, Tuck.—Mid. Trunks.
 GYROSTOMUM Curtisii, Tuck.—Mid. Trunks.

 FUNGI.

I. HYMENOMYCETES.

AGARICUS (I. AMANTIA.) ✓

- caesareus*, Scop.—Common. In Oak forests.
viosus, Fr.—Common. Sandy woods.
vernus, Fr.—Common. Woods.
phalloides, Fr.—Common. Woods.
muscarius, Fr.—Mid. (Schw.) Woods.
monticulosus, Berk. and Curt.—Common. Sandy woods.
pantherinus, D. C.—Common. In woods.
strobiliformis, Vitt.—Common. In woods.
Mappa, Batsch.—Common. In woods.
recutitus, Fr.—Common. In woods.
agglutinatus, B. & C.—Low. Pine woods.
rubescens, Pers.—Low. Damp woods.
polypyramis, B. & C.—Low. Pine woods.
excelsus, Fr.—Common. Earth in woods.
lenticularis, Fr.?—Mid. Earth in woods.
asper, Fr.—Mid. (Schwein.) Earth in woods.
vaginatus, Bull.—Common. Woods and fields.
farinosus, Schwein.—Mid. (Schw.) Woods.
pubescens, Schwein.—Mid. (Schw.) In grassy land.

(II. LEPIDOTA.) ✓

- ✓ *procerus*, Scop.—Common. Woods and fields.

- rachodes*, Vitt.—Mid. Base of stumps and trees.
excoriatus, Fr.—Mid. Grassy lands.
mastoides, Fr.—Common. Woods.
acutesquamosus, Wein.—Low. and Mid. By rotten logs and stumps.
clypeolarius, Bull.—Common. On earth and rotten logs.
cristatus, Bolt.—Common. Gardens and rich swamps.
cepæstipes, Sow.—Mid. (Schw.) Cultivated lands.
granulosus, Batsch.—Common. Woods and cult. grounds.
floralis, Berk. & Rav.—Low. Cultivated grounds.
cultorum, B. & C.—Low. Cultivated grounds.
fulvaster, B. & C.—Low. Sandy grass plats.
aspratus, Berk.—Low. Rotten sticks in swamps.
delicatus, Fr.—Mid. (Schwein.) Damp woods and hedges.

(III. ARMILLARIA.) ✓

- bulbiger*, A. & S.—Low. and Mid. Woods.
robustus, A. & S.—Mid. (Schwein.) Woods.
melleus, Vahl.—Common. About stumps and logs.
mucidus, Schrad.—Mid. (Schw.) On dead Beech.

(IV. TRICHOLOMA.) ✓

- equestris*, L.—Mid. (Schwein.) Pine woods.
sejunctus, Sow.—Mid. (Schw.) Woods.
ustalis, Fr.—Mid. (Schw.) Pine woods.
flavobrunneus, Fr.—Mid. (Schw.) Damp woods.
Russula, Schæff.—Low. Among leaves in woods.
frumentaceus, Bull.—Mid. Pine woods.
scalpturatus, Fr.—Low. Pine logs and stumps.
hypopithyus, M. A. C.—Mid. Pine woods.
Columbetta, Fr.—Mid. (Schw.) Woods.
vaccinus, Pers.—Mid. (Schw.) Woods.
terreus, Schæff.—Mid. (Schw.) Woods and fields.
cuneifolius, Fr.—Mid. (Schw.) Woods and fields.
luteovirens, A. & S.—Mid. (Schw.) Pine woods.
saponaceus, Fr.—Mid. (Schw.) Among fallen leaves.
castus, M. A. C.—Mid. Grassy old fields.
sulfureus, Bull.—Mid. (Schw.) Woods.
albellus, D. C. ?—Mid. Damp woods.
albus, Fr.—Low. Swamps and woods.

consociatus, M. A. C.—Mid. Pine woods.
personatus, Fr.—Low. and Mid. Near rotten logs.
nudus, Bull.—Mid. (Schw.) Woods.
grammopodius, Bull.—Low. Shady woods and swamps.
adstringens, Pers.—Mid. (Schwein.) Woods.
melaleucus, Pers.—Mid. (Schw.) Grassy woods.
brevipes, Bull.—Low. Humous earth.
humilis, Fr.—Low. and Mid. Humous earth.

(V. CLITOCYBE.) ✓

nebularis, Batsch.—Mid. (Schw.) Damp woods.
clavipes, Pers.—Mid. (Schw.) Woods.
fumosus, Pers.—Mid. (Schw.) Grassy woods.
viridis, Scop.—Mid. (Schw.) Woods.
odorus, Bull.—Mid. (Schw.) Woods.
phyllophilus, Fr.—Mid. (Schw.) Woods.
candicans, Pers.—Mid. (Schw.) Damp woods.
illudens, Schwein.—Mid. Base of trees.
opacus, With.—Mid. (Schw.) Pine woods.
giganteus, Sow.—Mid. (Schw.) Borders of Pine woods.
infundibuliformis, Schæff.—Common. Earth and rotten
 wood.
parilis, Fr. ?—Mid. Woods among leaves.
gilvus, Pers.—Mid. (Schw.) Wooded hill sides.
setisedus, Schwein.—Mid. (Schw.) Among fallen leaves.
cyathiformis, Bull.—Mid. (Schw.) Woods.
brumalis, Fr.—Low. On decayed wood in swamps.
bellus, Pers.—Low. and Mid. Earth and trunks.
laccatus, Scop.—Common. Earth in woods.
cespitosus, M. A. C.—Common. Base of stumps.

(VI. COLLYBLIA.) ✓

radicatus, Bull.—Common. Woods.
platyphyllus, Fr.—Low. and Mid. Rotten wood.
maculatus, A. & S.—Mid. (Schw.) Woods.
butyraceus, Bull.—Mid. Rotten trunks.
asemus, Fr.—Mid. (Schw.) Pine woods.
velutipes, Curt.—Mid. and Up. Rotting logs.
stipitarius, Fr.—Mid. and Up. On decaying trunks.
confluens, Pers.—Mid. and Up. Among rotting leaves.
detersibilis, B. & C.—Low. Sandy grass land.

conigenus, Pers.—Low. Rotting Pine-burs.
cirrhatus, Pers.—Low. Damp earth.
tuberosus, Bull.—Mid. (Schw.) On decaying Agarics.
collinus, Scop. ?—Low. Pine woods.
ventricosus, Bull.—Low. Rotten logs.
esculentus, Jacq.—Mid. (Schw.) Dense woods.
tenacellus, Pers.—Mid. (Schw.) Pine woods.
dryophilus, Bull.—Mid. Woods.
acervatus, Fr. ?—Up. Earth.
Clavus, Bull.—Mid. Among Mosses.

(VII. MYCENA.) ✓

elegans, Pers.—Mid. (Schw.) Pine woods.
purus, Pers.—Mid. (Schw.) Shaded places.
iocephalus, B. & C.—Low. Rich swampy woods.
Adonis, Bull.—Mid. (Schw.) On trunks.
lineatus, Bull.—Mid. (Schw.) Grassy lands.
lacteus, Pers.—Mid. (Schw.) Pine woods.
cohærens, A. & S.—Mid. (Schw.) Earth and trunks.
intertextus, B. & C.—Low. Decaying Pine logs.
galericulatus, Scop.—Common. Earth and rotten wood.
polygrammus, Bull.—Mid. (Schw.) On trunks.
atrocyaneus, Batsch.—Low. Rotten logs.
alcalinus, Fr.—Mid. (Schw.) Trunks.
amictus, Fr.—Mid. (Schw.) Trunks.
hæmatopus, Pers.—Low. and Mid. Rotten wood.
galopus, Schrad.—Mid. (Schw.) Earth.
epipterygius, Scop.—Common. Rotten wood.
vulgaris, Pers.—Mid. (Schwein.) Earth.
citrinellus, Pers.—Mid. (Schwein.) Pine woods.
stylobates, Pers.—Mid. (Schwein.) On stems of leaves.
corticola, Pers.—Mid. Bark of trunks.
capillaris, Schwein.—Low. Rotting leaves.

(VIII. OMPHALIA.) ✓

chrysoleucus, Fr.—Mid. (Schwein.) Grassy rich lands.
scyphoides, Fr.—Common. Cultivated grounds.
chrysophyllus, Fr. ?—Low. Rotten logs.
xanthophyllus, B. & C.—Low. Rotten logs.

pyxidatus, Bull.—Common. Grassy places.
Epichysium, Pers.—Mid. (Schw.) Rotting wood.
muralis, Sow.—Low. Damp woods.
umbelliferus, L.—Common. Damp woods.
stellatus, Fr.—Common. On trunks.
campanella, Batsch.—Common. Rotten wood.
setipes, Fr.—Low. Sphagnous swamps.
centenarius, B. & C.—Low. Rotten logs.
fibula, Bull.—Mid. (Schw.) Damp mossy places.
integrellus, Pers.—Mid. (Schw.) Swamps.
Muscorum, Hoffm.—Mid. (Schw.) Mosses at base of trees.

(IX. PLEUROTUS.) ✓

dryinus, Pers.—Mid. (Schwein.) Dead trunks.
ulmarius, Sow.—Mid. (Schwein.) Dead trunks.
tessulatus, Bull.—Mid. (Schwein.) Pine trunks.
Pometi, Fr.—Mid. Carious wood.
glandulosus, Bull.—Mid. (Schw.) Dead trunks.
 ✓ *ostreatus*, Jacq.—Mid. (Schw.) Dead trunks.
salignus, Pers.—Common. On trunks and stumps.
petaloides, Bull.—Low. and Mid. On Pine wood.
serotinus, Schrad.—Mid. (Schw.) Trunks.
planus, A. & S.—Mid. (Schw.) Trunks.
nidulans, Pers.—Mid. (Schw.) Pine trunks.
septicus, Fr.—Mid. On dead Polyporus.
mastrucatus, Fr.—Common. Dead wood.
atroceruleus, Fr.—Common. Dead trunks.
algidus, Fr.—Common. Dead wood and sticks.
fluxilis, Fr.—Low. Rotten wood.
niger, Schwein.—Common. Dead limbs and twigs.
applicatus, Batsch.—Common. Dead bark and wood.
striatulus, Fr.—Low. Dead wood.
perpusillus, Weim.—Low. On bark.

(X. VOLVARIA.) ✓

bombycinus, Schæff.—Low. and Mid. Earth and carious wood.
volvaceus, Bull.—Mid. (Schwein.) Rich cult. ground.
parvulus, Wein.—Low. and Mid. Cult. grounds.

parvulus, var: major, B. & C.—Low. Woods.
speciosus, Fr.—Low. Grassy land.
 emendator, B. & C.—Low. Earth.
 gloiocephalus, D. C.—Low. Cult. lands.

(XI. PLUTEUS.) ✓

cervinus, Schæff.—Mid. (Schwein.) Dead trunks.
 Curtisii, Berk.—Low. and Mid. Carious wood.
 leoninus, Schæff.—Mid. (Schw.) Dead trunks.
 nanus, Pers.—Mid. (Schw.) Dead trunks.
 chrysophlebius, B. & R.—Low. Dead trunks.

(XII. ENTOLOMA.) ↓

prunuloides, Fr.—Low. Dry Swamps.
 sericellus, Fr.—Low. ? and Mid. Grassy lands.
 elodes, Fr.—Mid. Woody hili-sides.
 nauseosus, M. A. C.—Mid. Old fields under Cedars.
 clypeatus, L.—Mid. (Schw.) Swampy ground.
 turbidus, Fr. ?—Mid. (Schw.) Among rotten sticks.

(XIII. CLITOPILUS.)

Prunulus, Scop.—Low. and Mid. Damp woods.
 popinalis, Fr.—Low. and Mid. Swampy lands.
 carneo-albus, With.—Low. and Mid. Earth.

(XIV. LEPTONIA.)

serrulatus, Fr.—Mid. and Up. ? (Schw.) In woods.
 chalybceus, Pers.—Mid. (Schw.) Swamps.
 apularum, B. & C.—Low. Rotten wood in swamps.

(XV. NOLANEA.)

pascuus, Pers.—Mid. & Up. ? (Schw.) Woods and pastures.
 mammosus, L.—Low. and Mid. Open woods.
 hirtipes, Schwein.—Low. Sphagnous swamps.

(XVI. ECCILIA.)

atrises, Batsch.—Up. Rotten wood.

(XVII. PHOLIOTA.) ✓

aureus, Math.—Low. and Mid. Buried wood.
 præcox, Pers.—Low. and Mid. Grassy lands.
 adiposus, Batsch.—Mid. Mulberry trunks.
 aurivellus, Batsch.—Mid. (Schw.) Dead Alders.
squarrosus, Mull.—Mid. (Schw.) Oak stumps.

tuberculosus, Fr.—Mid. (Schw.) Trunks.
mutabilis, Schæff.—Mid. (Schw.) Trunks.

(XVIII. *HEBELOMA*.)

lanuginosus, Bull.—Low. Earth in woods.
 lacerus, Fr.—Low. Pine woods.
 Bongardi, Wein.—Low. Woods.
 rimosus, Bull.—Common. Woods.
 trechisporus, Berk.—Low. Decayed wood.
 geophyllus, Sow.—Mid. (Schwein.) Woods.
 scabrellus, Fr.—Mid. (Schw.) Among leaves and grass in woods.
 fastibilis, Pers.—Mid. Woods.

(XIX. *FLAMMULA*.)

lentus, Pers.—Mid. (Schwein.) Woods.
 spumosus, Fr.—Low. and Mid. In thickets.
 flavidus, Schæff.—Low. and Mid. Rotten logs.
 inopus, Fr.—Low. and Mid. Rotten logs.
 polychrous, Berk.—Low. Rotten logs.
 penetrans, Fr.—Low. Rotten logs.
 sapineus, Fr.—Low. and Mid. Pine stumps.
 picreus, Fr.—Low. and Mid. Damp logs.

(XX. *NAUCORIA*.)

subglobosus, A. & S.—Mid. (Schw.) Pine woods.
 cerodes, Fr. ?—Mid. (Schw.) Cultivated fields.
 argillosus, B. & C.—Low. Woods.
 sêmiorbicularis, Bull.—Common. Woods and fields.
 furfuraceus, Pers.—Low. Dead sticks.
 conspersus, Pers.—Mid. (Schw.) Damp woods.
 siparioides, B. & C.—Low. Exsiccated swamps.
 Curcuma, B. & C.—Low. Old stumps.

(XXI. *GALERA*.)

tener, Schæff.—Common. Rich grounds.
 Ravenelii, B. & C.—Low. Pine woods.
 crocosporus, B. & C.—Low. Decaying vegetable matter.
 Hypnorum, Batsch.—Mid. and Up. Among Mosses.

(XXII. *CREPIDOTUS*.)

mollis, Schæff.—Common. Carious wood.

nephrodes, B. & C.—Low. Rotten wood.
variabilis, Pers.—Common. Trunks and dead wood.
elatinus, Pers.—Low. Rotten wood.
depluens, Batsch.—Mid. (Schw.) Earth and wood.
Pecten, B. & C.—Low. Rotten wood.

(XXIII. PSALLIOTA.)

campestris, L.—Common. Fields and pastures.
arvensis, Schæff.—Common. Fields and pastures.
amygdalinus, M. A. C.—Common. Rich grounds, woods
 and lanes.
Achimenes, B. & C.—Low. Earth.
cretaceus, Fr.—Common. Earth and wood.
sylvaticus, Schæff.—Low. and Mid. Woods.
echinatus, Roth.—Mid. (Schw.) Cultivated lands.
ærginosus, Curt.—Mid. (Schw.) Earth and wood.
squamosus, Fr.—Low. Pine woods.
stercorarius, Fr.—Low. Manured ground.
semiglobatus, Batsch.—Common. On cow dung.

(XXIV. HYPHOLOMA.)

sublateritius, Schæff.—Common. On and around stumps.
epixanthus, Paul.—Low. Burnt places in woods.
fascicularis, Huds.—Common. Rotten wood.
dispersus, Fr.—Low. Earth in Pine woods.
lacrymabundus, Fr.—Low. Earth and trunks.
velutinus, Pers.—Low. Earth and wood.
appendiculatus, Bull.—Low. and Mid. Dried swamps.

(XXV. PSILOCYBE.)

Antillarum, Fr.—Low. Stable yards and gardens.
spadiceus, Schæff.—Low. and Mid. Shaded and grassy
 places.
feniseii, Pers.—Mid. (Schw.) Meadows.
ericæus, Pers.—Mid. (Schw.) Woods and fields.
atrorufus, Schæff.—Mid. (Schw.) Woods and fields.

(XXVI. PSATHYRA.)

conopilus, Fr.—Mid. (Schw.) Among Mosses.
obtusatus, Fr.—Low. Woods and swamps.
fagicola, Lasch. ?—Low. Rotten wood.

(XXVII. PANÆOLUS.)



- papilionaceus, Bull.—Com. Pastures and rich grounds.
 campanulatus, L.—Common. Rich ground.
 separatus, L.—Mid. (Schw.) Among manure.
 fimicola, Fr.—Mid. (Schw.) Among manure.

(XXVIII. PSATHYRELLA.)



- disseminatus, Pers.—Low. and Mid. Earth.
 COPRINUS *comatus*, Fr.—Low. and Mid. In stable yards.
atramentarius Bull.—Mid. Manured grounds.
fimetarius, L.—Mid. (Schw.) Hedge rows, &c.
 ✓ *niveus*, Fr.—Low. On cow dung.
tergiversans, Fr.—Low. Earth.
 † *micaceus*, Fr.—Mid. About rotten stumps.
radiatus, Bolt.—Mid. (Schw.) Horse dung.
domesticus, Pers.—Mid. (Schw.) In gardens.
ephemerus, Fr.—Low. and Mid. In gardens.
plicatilis, Curt.—Common. Manured grounds.
Spragueii, B. & C.—Mid. Rich grass plats.
 BOLBITUS *vitellinus*, Fr.—Mid. (Schwein.) On manure.
titubans, Fr.—Mid. (Schwein.) On manure.
 HIATULA *fragilissima*, Rav.—Low. Vegetable matter in rich grounds.
 CORTINARIUS *infractus*, Fr.—Mid. (Schw.) Woods.
glaucoopus, Fr.—Mid. (Schw.) Gardens.
callochrous, Fr.—Low. and Mid. Woods & swamps.
cœrulescens, Fr.—Mid. Woods.
turbinatus, Fr.—Mid. (Schwein.) Woods.
rufolivaceus, Fr.—Mid. (Schwein.) Woods.
scaurus, Fr.—Mid. (Schw.) Pine woods.
croceo-cœruleus, Fr.—Mid. (Schw.) Woods.
maculosus, Fr.—Mid. (Schw.) Woods.
subtortus, Fr.—Mid. (Schw.) Woods.
collinitus, Fr.—Mid. (Schw.) Pine woods.
iodes, B. & C.—Low. Mossy ground.
argentatus, Fr.—Mid. (Schw.) Woods.
violaceus, Fr.—Mid. (Schw.) Woods.
violaceo-cinereus, Fr.—Mid. (Schw.) Damp woods.
albo-violaceus, Fr.—Mid. (Schw.) Woods.

- CORTINARIUS *pholideus*, Fr.—Mid. (Schw.) Dense woods.
sublanatus, Fr.—Mid. (Schw.) Woody hill sides.
ochroleucus, Fr.—Mid. (Schw.) Woods.
decumbens, Fr.—Mid. (Schw.) Grassy woods.
anomalus, Fr.—Mid. (Schw.) Woody hill sides.
sanguineus, Fr.—Common. Damp woods.
✓ *cinnamomeus*, Fr.—Common. Earth and wood.
“ var: *croceus*, Fr.—Mid. (Schw.) On
trunks.
macropus, Fr.—Mid. (Schw.) Pine woods.
bivelus, Fr.—Mid. (Schw.) Woods.
hinnuleus, Fr.—Low. Among leaves in Pine woods.
gentilis, Fr.—Mid. (Schw.) Pine woods.
flexipes, Fr.—Mid. (Schw.) Moist woods.
iliopodius, Fr.—Mid. (Schw.) Woods.
hemitrichus, Fr.—Mid. (Schw.) Among fallen leaves.
armeniacus, Fr.—(Schw.) Wooded hill sides.
castaneus, Fr.—Common. Earth in woods.
decipiens, Fr.—Mid. (Schw.) Woods.
acutus, Fr.—Mid. (Schw.) Mossy ground.
- PAXILLUS *involutus*, Fr.—Low. and Mid. Sandy woods.
atro-tomentosus, Fr.—Mid. Pine woods.
flavidus, Berk.—Low. and Mid. Earth in woods.
Panuoides, Fr.—Common. Pine wood.
Curtisii, Berk.—Common. Pine and Fir wood.
reniformis, Berk. and Rav.—Up. (Rav.) Woods.
porosus, Berk.—Low. and Mid. Woods.
- GOMPHIDIUS *viscidus*, Fr.—Low. Sandy woods.
- HYGROPHORUS *chrysodon*, Fr.—Mid. (Schwein.) Woods.
eburneus, Fr.—Mid. (Schwein.) Woods.
purpurascens, Fr.—Mid. (Schwein.) Among rotting
leaves.
erubescens, Fr.—Mid. (Schw.) Springy ground.
discoideus, Fr.—Mid. (Schw.) Pine woods.
tephroleucus, Fr.—Mid. (Schw.) Pine woods.
pratensis, Fr.—Mid. (Schw.) Hill sides.
cinnabarinus, Fr.—Common. Damp woods.
Cantharellus, Fr.—Common. Among decayed wood.
latus, Fr.—Mid. (Schw.) Mossy ground.

- HYGROPHORUS** *ceraceus*, Fr.—Low. and Mid. Dried swamps.
coccinellus, Fr.—Low. Sandy woods.
luridus, B. & C.—Low. Swamps.
hæmatocephalus, B. & C.—Low. Pine woods.
coccineus, Fr.—Common. Mossy grounds.
miniatus, Fr.—Low. Damp woods and swamps.
mucilagenosus, B. & C.—Low. Swamps.
nitidus, B. & C.—Common. Swamps.
Ravenelii, B. & C.—Low. Wet grounds.
conicus, Fr.—Low. and Mid. Grassy land.
chlorophanus, Fr.—Mid. Among rotting leaves.
psittacinus, Fr.—Mid. (Schw.) Pastures.
- LACTARIUS** *torminosus*, Fr.—Low. and Mid. Woods.
turpis, Fr.—Mid. (Schw.) Woods.
insulsus, Fr.—Mid. (Schw.) Woods.
flexuosus, Fr.—Mid. (Schw.) Damp woods.
pergamenus, Fr. ?—Low. Woods.
piperatus, Fr.—Common. Dry woods.
vellereus, Fr.—Common. Dry woods.
deliciosus, Fr.—Low. and Mid. Pine woods.
Indigo, Fr.—Common. Woods.
chrysorheus, Fr.—Common. Swamps.
acris, Fr.—Mid. (Schw.) Woods.
pallidus, Fr.—Mid. (Schw.) Damp woods.
volemus, Fr.—Common. Woods.
subdulcis, Fr.—Common. Damp grounds.
subtomentosus, B. & R.—Common. Swamps.
camphoratus, Fr.—Low. Woods and thickets.
illacrymans, B. & R.—Common. Swamps.
helvus, Fr.—Mid. (Schw.) Woods.
fuliginosus, Fr.—Low. Woods and thickets.
- RUSSULA** *adusta*, Fr.—Mid. (Schw.) Woods and thickets.
farcata, Fr.—Mid. (Schw.) Woods and thickets.
depallens, Fr.—Mid. (Schw.) Pine woods.
fulva, Fr.—Mid. (Schw.) Woods.
lepida, Fr.—Low. Pine woods.
virescens, Fr.—Mid. (Schw.) Woods.
lactea, Fr.—Mid. (Schw.) Woods.
emetica, Fr.—Common. Woods.

- RUSSULA** *ochroleuca*, Fr.—Mid. (Schw.) Woody hill sides.
fætens, Fr.—Mid. (Schw.) Woods.
fragilis, Fr.—Mid. (Schw.) Woods.
substiptica, Fr.—Mid. (Schw.) Pine woods.
nitida, Fr.—Mid. (Schw.) Woods.
alutacea, Fr.—Common. Woods.
ochracea, Fr.—Mid. (Schw.) Borders of woods.
lutea, Fr.—Mid. (Schw.) Woods.
- CANTHARELLUS** *cibarius*, Fr.—Common. Woods.
floccosus, Schw.—Mid. and Up. Woods.
aurantiacus, Wulf.—Mid. (Schw.) Woods.
umbonatus, Fr.—Common. Woods among leaves.
tubæformis, Bull.—Common. Woods among leaves.
lutescens, Bull.—Mid. (Schwein.) Woods among leaves.
cinereus, Fr.—Mid. (Schw.) Woods among leaves.
muscigenus, Bull.—Mid. (Schw.) On Mosses.
crispus, Fr.—Mid. and Up. Dead wood and sticks.
lignatilis, B. & C.—Low. Carious wood.
helosioides, Schw.—Mid. (Schw.) Rotten sticks.
- NYCTALIS** *asterophora*, Fr.—Mid. and Up. Rotten Agarics.
- MARASMIUS** *oreades*, Fr.—Mid. (Schw.) Hill sides.
plancus, Fr.—Low. Rotten leaves.
spongiosus, B. & C.—Low. and Mid. Rotten leaves.
archyropus, Fr.—Mid. and Up. Rotten leaves.
scorodonius, Fr.—Mid. (Schw.) Decaying vegetation.
calopus, Fr.—Mid. (Schw.) Dead sticks.
Vaillantii, Fr.—Low. and Mid. On trunks.
clavæformis, Fr.—Mid. On dead plants.
ramealis, Fr.—Common. Dead leaves and sticks.
opacus, B. & C.—Low. Dead leaves and sticks.
siccus, Fr.—Mid. and Up. Earth among leaves.
hæmatocephalus, Mont.—Com. Earth, leaves, sticks, &c.
brevipes, B. & R.—Up. (Rav.) Dead twigs.
alliaceus, Fr.—Low. and Mid. Woods.
nigripes, Fr.—Mid. (Schw.) Fallen leaves.
androsaceus, Fr.—Mid. (Schw.) Among Mosses.
rotula, Fr.—Common. Dead sticks.
similis, B. & C.—Low. Earth.

- MARASMIUS** *Graminum*, Berk.—Low. Dead grass, herbs, &c.
pithyophilus, B. & C.—Low. Dead Pine leaves.
perforans, Fr.—Mid. (Schw.) Dead Fir leaves.
insititius, Fr.—Up. On fallen leaves.
pruinatus, B. & C.—Low. Dead bark and wood.
pusio, B. & C.—Low. Trunks.
dichrous, B. & C.—Low. Fallen limbs.
velutipes, B. & C.—Low. Rotting leaves in swamps.
epiphyllus, Fr.—Mid. (Schw.) Fallen leaves.
- LENTINUS** *Schweinitzii*, Fr.—Mid. (Schw.) Sides of trunks.
Lecointei, Fr.—Common. Logs and stumps.
strigosus, Fr.—Mid. (Schw.) Trunks of Tulip tree.
tener, Kl.—Low. Dead wood in swamps.
tigrinus, Fr.—Common. Logs and stumps.
Ravenelii, B. & C.—Common. Dead wood.
lepideus, Fr.—Common. Stumps.
cochleatus, Fr.—Mid. (Schw.) Dead wood.
friabilis, Fr.—Mid. (Schw.) Side of trunks.
chama, Fr.—Mid. (Schw.) Oak trunks.
flabelliformis, Fr.—Mid. (Schw.) Dead trunks.
pelliculosus, Fr.—Mid. (Schw.) Dead trunks.
Micheneri, B. & C.—Up. Dead wood.
pectinatus, Fr.—Mid. (Schw.) Side of trunks.
tenuissimus, Fr.—Mid. (Schw.) Bark of Willows.
- PANUS** *conchatus*, Fr.—Mid. and Up. Dead trunks.
torulosus, Fr.—Mid. and Up. Stumps.
levis, B. & C.—Low. and Mid. Trunks and logs.
foetens, Secr.—Low. Dead wood.
dorsalis, Fr.—Low. and Mid. Pine stumps and logs.
stypticus, Fr.—Common. Dead wood.
dealbatus, Berk.—Up. Dead wood.
angustatus, Berk.—Mid. (Schw.) Dead wood.
- XEROTUS** *nigrita*, Lev.—Mid. and Up. Dead wood.
- ✓ **SCHIZOPHYLLUM** *commune*, Fr.—Common. Dead wood.
- LENZITES** *betulina*, Fr.—Common. Logs and stumps.
Berkeleyi, Lev.—Common. Logs and stumps.
trabea, Fr.—Mid. (Schw.) On wood.
striata, Fr.—Common. On wood.
abietina, Fr.—Common. Old posts and rails.

- sepiaria*, Fr.—Common. Old posts and rails.
LENZITES *rhabarbarina*, B. & C.—Low. Trunks.
tricolor, Fr.—Low. Dead limbs.
Klotschii, Berk.—Common. Trunks and logs.
Cratægi, Berk.—Common. Trunks and limbs.
variegata, Fr.—Mid. (Schw.) Trunks and limbs.
BOLETUS *luteus*, L.—Mid. (Schw.) Pine woods.
elegans, Fr.—Low. Earth in woods.
Curtisii, Berk.—Low. Earth in woods.
flavidus, Fr.—Common. Damp woods.
collinitus, Fr.—Mid. and Up. Pine woods.
granulatus, L.—Common. Woods and fields.
bovinus, L.—Common. Pine woods.
decipiens, B. & C.—Low. Damp woods.
piperatus, Bull.—Low. and Mid. Woods.
laeticolor, B. & C.—Mid. Woods.
Betula, Schw.—Mid. Ligneous earth.
variegatus, Fr.—Mid. Sphagnous grounds.
chrysenteron, Bull.—Mid. and Up. Damp woods and fields.
subtomentosus, L.—Common. Earth in woods.
hemichrysus, B. & C.—Low. Base of Pines.
rubiginosus, Retz.—Mid. Woods.
calopus, Fr.—Mid. (Schw.) Woods.
pachypus, Fr.—Low. Woods.
retipes, B. & C.—Mid. Woods.
Satanas, Lenz.—Mid. Woods.
purpureus, Fr.—Mid. Woods.
luridus, Schæff.—Mid. (Schw.) Woods.
edulis, Bull.—Mid. (Schw.) Woods.
versipellis, Fr.—Mid. Woods.
scaber, Bull.—Low. and Mid. Sandy woods.
felleus, Bull.—Low. and Mid. Banks and thickets.
castaneus, Bull.—Mid. (Schw.) Woods.
strobilaceus, Scop.—Common. Woods and thickets.
albo-ater, Schw.—Mid. (Schw.) Moist woods.
Ananas, M. A. C.—Low. Under Pine logs.

POLYPORUS (I. MESOPUS.)

- leucomelas*, Fr.—Mid. Woods.
ovinus, Schæff.—Low. and Mid. Earth in woods.
poripes, Fr.—Mid. and Up. Wooded ravines.
arcularius, Fr.—Mid. and Up. Dead sticks.
brumalis, Fr.—Low. and Mid. Dead sticks.
ciliatus, Fr.—Mid. (Schw.) Dead sticks.
Schweinitzii, Fr.—Mid. Pine woods.
tabulæformis, Berk.—Low. Earth in Pine woods.
persicinus, B. & C.—Low. In swamps.
dependens, B. & C.—Low. Under Pine logs.
rufescens, Fr.—Common. Carious wood.
tomentosus, Fr.—Low. Base of Pines.
perennis, Fr.—Common. Earth in woods.
parvulus, Kl.—Low. and Mid. Burnt places in woods.

(II. PLEUROPUS.)

- Boucheanus*, Fr.—Low. and Mid. On sticks.
 “ var: *peponinus*, B. & C.—Low. On sticks.
melanopus, Fr.—Mid. and Up. On sticks.
varius, Fr.—Mid. and Up. Trunks and limbs.
elegans, Fr.—Up. Earth.
lucidus, Fr.—Common. Buried roots.
Curtisii, Berk.—Common. Buried roots.
dealbatus, B. & C.—Low. Buried wood.
mutabilis, B. & C.—Com. Stumps and sticks in swamps.
rhipidius, Berk.—Common. Dead limbs.
sanguineus, Fr.—Common. On logs.

(III. MERISMA.)

- frondosus*, Fr.—Common. Earth and base of stumps.
cristatus, Fr.—Mid. (Schw.) Pine woods.
confluens, Fr.—Low. and Mid. Pine woods.
giganteus, Fr.—Low. and Mid. Base of stumps.
lobatus, Fr.—Low. Base of stumps.
sulphureus, Fr.—Common. Trunks and logs.
Berkeleyi, Fr.—Mid. and Up. Woods.
distortus, Schw.—Low. and Mid. Clayey banks.
graveolens, Schw.—Common. On trunks.

(IV. APUS.)

- epileucus*, Fr.—Common. Dead trunks and limbs.
fissilis, B. & C.—Low. Stumps.
stypiticus, Fr.—Mid. (Schw.) Pine woods.
lacteus, Fr.—Common. Trunks and stumps.
mollis, Fr.—Mid. (Schw.) On sticks.
cæsius, Fr.—Mid. (Schw.) On sticks.
destructor, Fr.—Mid. (Schw.) Wood and logs.
Aesculi, Fr.—Up. (Schw.) Trunk of Buckeye.
gilvus, Fr.—Common. Trunks and limbs.
adustus, Fr.—Common. Trunks and limbs.
crispus, Fr.—Mid. and Up. (Schw.) Chestnut Trunks.
isabellinus, Fr.—Mid. (Schw.) On trunks.
unicolor, Fr.—Low. and Mid. On trunks.
Pilotæ, Schw.—Mid. and Up. (Schw.) Chestnut trunks.
hispidus, Fr.—Common. Trunks.
labyrinthicus, Fr.—Mid. (Schw.) Trunks.
scarrosus, B. & C.—Low. Log of Tulip tree.
borealis, Fr.—Low. Logs.
cerifluus, B. & C.—Low. Decaying logs.
undulatus, Fr.—Mid. (Schw.) Trunks.
Symphyton, Fr.—Mid. (Schw.) Fallen limbs.
dryophilus, Berk.—Low. Oak (?) trunks.
resinosus, Fr.—Common. On logs.
palustris, B. & C.—Low. Pine trunk.
palescens, Fr.—Mid. and Up. Trunks and limbs.
conchifer, Schw.—Mid. and Up. Dead limbs.
spissus, Fr.—Low. and Mid. Trunks.
applanatus, Fr.—Mid. and Up. Trunks and logs.
fomentarius, Fr.—Common. Trunks and limbs.
cupulæformis, B. & C.—Common. Bark of Walnut, Sumach, &c.
igniarius, Fr.—Common. Trunks and limbs.
senex, Mont.—Low. and Mid. Trunks.
conchatus, Fr.—Low. and Mid. Logs.
citrinellus, B. & C.—Mid. (Schw.) Trunks.
salicinus, Fr.—Common. Logs and limbs.
scutellatus, Schw.—Mid. and Up. Bark of limbs, &c.
pinicola, Fr.—Mid. (Schw.) Pine trunks.

marginatus, Fr.—Mid. (Schw.) Beech trunks.
carneus, Nees.—Common. Posts and logs.
annosus, Fr.—Common. Logs and wood.
cinnabarinus, Fr.—Common. Logs and limbs.
scruposus, Fr.—Common. Stumps and logs.
radiatus, Fr.—Up. Trunks.
cervinus, Fr.—Mid. (Schw.) Bark of Peach tree.
biformis, Kl.—Low. and Mid. Stumps, logs, sticks, &c.
undatus, Fr.—Up. Logs.
hirsutus, Fr.—Common. Trunks and limbs.
hirsutulus, Schw.—Low. and Mid. Dead limbs.
zonatus, Fr.—Mid. (Schw.) Dead wood.
versicolor, Fr.—Common. Trunks, limbs, &c.
decipiens, Schw.—Common. Trunks, limbs, &c.
zonalis, Berk.—Low. Trunks, limbs, &c.
abietinus, Fr.—Common. Pine and Fir limbs.
deglubens, B. & C.—Low. Dead Pine limbs.
dendriticus, Fr.—Low. Cypress stumps.
chartaceus, B. & C.—Mid. Trunk and limbs of Tulip tree.
velutinus, Fr.—Mid. Carious wood.
Sullivantii, Mont.—Common. Limbs.
pergameneus, Fr.—Common. Logs and limbs.
elongatus, Berk.—Low. Stumps and sticks.
cinerascens, Fr.—Mid. (Schw.) On wood.
virgineus, Schw.—Mid. and Up. Dead limbs.
Nilgerrhensis, Mont.—Mid. Logs.
Floridanus, Berk.—Low. Logs and limbs.
barbulatus, Fr.—Low. Bark of Cedar and Cypress.

(V. RESUPINATUS.)

obliquus, Fr.—Mid. and Up. Logs and trunks.
Viticola, Fr.—Mid. Grape vines.
contiguus, Fr.—Common. Dead sticks.
ferruginosus, Schrad.—Common. Dead limbs.
occidentalis, Kl.—Low. Logs.
niger, Berk.—Common. Carious wood.
xanthus, Fr.—Low. and Up. Under Pine wood.
nitidus, Fr. ?—Low. Bark of Tulip Tree.
pulchellus, Schw.—Low. and Mid. Underside of log.
aureolus, Grev.—Low. Pine wood.

- fuscocarneus*, Pers.—Low. Trunks.
crociporus, B. & C.—Mid. (Schw.) Oak trunks.
vitellinus, Fr.—Mid. (Schw.) Dead wood.
incarnatus, Fr.—Common. Bark and wood.
purpureus, Fr.—Mid. (Schw.) Wood.
medulla-panis, Fr.—Common. Wood.
mucidus, Fr.—Common. Wood.
callosus, Fr.—Low. Carious wood.
vulgaris, Fr.—Common. Carious wood.
Cremor, B. & C.—Low. Fallen limbs.
Stephensii, Berk.—Low. and Up. Dead limbs.
xantholoma, Schw.—Mid. (Schw.) Dead wood.
limitatus, B. & C.—Low. Dead wood.
nigropurpureus, Fr.—Mid. (Schw.) Under logs.
salmonicolor, B. & C.—Common. Carious wood.
Juglandinus, Fr.—Mid. (Schw.) On Walnut and Sycamore.
molluscus, Pers.—Low. On sticks.
sanguinolentus, A. & S.—Low. On mosses.
oxydatus, B. & C.—Low. Rotten wood.
sinuosus, Fr.—Low. Dead sticks.
vaporarius, Fr.—Common. Wood and bark.
aneirinus, Fr.—Low. Carious wood.
Vaillantii, Fr.—Up. (Rav.) Logs.
farinellus, Fr.—Common. Carious wood and bark.
reticulatus, Fr.—Mid. (Schw.) Wood.

- TRAMETES** *sepium*, Berk.—Common. Dead wood.
lactea, Berk.—Up. Stumps.
rigida, Berk.—Low. Logs.
rubescens, Fr.—Mid. (Schw.) On Willows.
Pini, Fr.—Low. Pine trunks.

- DÆDALEA** *glaberrima*, B. & C.—Low. On logs.
subtomentosa, Schw.—Mid. (Schw.) Trunks.
aurea, Fr.—Low. and Mid. Oak trunks.
cinerea, Fr. ?—Mid. and Up. Trunks.
unicolor, Fr. ?—Common. Stumps and logs.
zonata, Schw.—Mid. (Schw.) Trunks.

- HEXAGONA** *carbonaria*, B. & C.—Low. On burnt logs.

- GLÆOPORUS** *nigropurpurascens*, (Schw.)—Com. Logs and trunks.

amorphus, (Fr.)—Low. and Mid. Logs and trunks.

- MERULIUS** *incarnatus*, Schw.—Common. Rotting logs.
confluens, Schw.—Mid. (Schw.) Dead Alders, &c.
tremellosus, Schrad.—Common. Rotten logs.
incrassatus, B. & C.—Low. Carious Pine stump.
Corium, Fr.—Common. Sticks and logs.
ceracellus, B. & C.—Low. Dead Oak limbs.
molluscus, Fr.—Mid. (Schw.) Wood.
fugax, Fr.—Low. Pine limbs.
Porinoides, Fr.—Common. Under Pine wood.
rufus, Pers.—Mid. (Schw.) Trunks.
serpens, Fr.—Low. and Mid. Pine trunks and limbs.
Brassicæfolius, Schw.—Low. and Mid. Damp wood,
 walls, &c.

lacrymans, Schum.—Mid. (Schw.) In cellars.

- POROTHELIUM** *fimbriatum*, Fr.—Common. Carious wood.
lacerum, Fr.—Common. Wood and sticks.
subtile, Fr.—Common. Bark and wood.

ARRHYTIDIA *flava*, B. & C.—Low. Pine bark and wood.

fulva, B. & C.—Low. Underside of Pine logs.

- ✓ **FISTULINA** *hepatica*, Fr.—Up. Base of trunks and stumps.
radicata, Fr.—Mid. (Schw.) Hollow trunks.

HYDNUM (I. MESOPUS.)

- imbricatum*, L.—Mid. and Up. Earth in woods.
subsquamosum, Batsch.—Common. Damp woods.
lævigatum, Swartz.—Low. Pine woods.
canum, Schw.—Mid. (Schw.) Mossy banks.
repandum, L.—Common. Woods.
rufescens, Schæff.—Mid. (Schw.) Woods.
compactum, Fr.—Low. and Mid. Woods.
aurantiacum, A. & S.—Mid. and Up. Hill sides.
ferrugineum, Fr.—Low. Pine woods.
spadiceum, Pers.—Mid. (Schw.) Pine woods.
velutinum, Fr.—Mid. Woods.
zonatum, Batsch.—Common. Woods.
graveolens, Delast.—Common. Base of stumps.
tomentosum, L.—Mid. (Schw.) Woods.

(II. PLEUROPUS.)

adustum, Schw.—Mid. and Up. On sticks.

(III. MERISMA.)

coralloides, Scop.—Common. Side of trunks.

ramosum, Schw.—Mid. (Schw.) On wood.

✓ *Erinaceus*, Bull.—Common. Base of trunks.

Caput-Medusæ, Bull.—Common. Trunks and logs.

(IV. APUS.)

gelatinosum, Scop.—Common. Trunks and logs.

cirrhatum, Pers.—Common. Logs.

pulcherrimum, B. & C.—Low. Stumps and logs.

amblyodon, M. A. C.—Mid. On wood.

strigosum, Swartz.—Mid. (Schw.) Trunks.

Rhois, Schw.—Common. Stumps and sticks.

læticolor, B. & C.—Low. Fallen limbs.

ochraceum, Pers.—Common. Sticks, stumps, &c.

(V. RESUPINATUS.)

fuscoatrum, Fr.—Common. Wood and sticks.

membranaceum, Bull.—Common. Wood and sticks.

ferruginosum, Schrad.—Common. Wood and bark.

croceum, Fr.—Mid. (Schw.) Wood.

sulfureum, Schw.—Mid. (Schw.) Dead limbs.

fragillimum, B. & C.—Low. Under rotten logs.

alutaceum, Fr.—Mid. Carious wood.

spathulatum, Fr.—Mid. (Schw.) Carious wood.

viride, Fr.—Mid. (Schw.) Rotting trunks.

udum, Fr.—Low. and Mid. Carious wood.

Himantia, Schw.—Mid. Carious wood.

mucidum, Pers.—Low. Trunks and wood.

diaphanum, Schrad.—Mid. (Schw.) Logs and leaves.

farinaceum, Pers.—Common. On wood.

fasciculare, A. & S.—Mid. (Schw.) Pine logs.

chrysdon, B. & C.—Low. On Oak chips.

Fascicularia, B. & C.—Low. Carious wood and bark.

velatum, B. & C.—Low. Underside carious wood.

ciliolatum, B. & C.—Low. Fallen limbs.

plumosum, Duby.—Low. Wood and bark.

- caryophyllæum*, B. & C.—Low. Carious wood.
xanthum, B. & C.—Low. and Up. Fallen limbs.
pithyophilum, B. & C.—Low. Pine wood.
plumarium, B. & C.—Low. On dead *Viburnum*.?
Nyssæ, B. & C.—Low. Log of Black Gum.
depauperatum, B. & C.—Low. Carious wood.
nudum, B. & C.—Common. Rotten wood, &c.
- HERICIUM** *Hystrix*, Fr.—Low. Base of trees.
- SISTOTREMA** *confluens*, Pers.—Mid. (Schw.) Woods.
occarium, Fr.—Mid. (Schw.) Trunks.
- IREPEX** *pendulus*, Fr.—Low. Pine stumps.
fusco-violaceus, Fr.—Mid. (Schw.) Cedar and Pine trunks.
sinuosus, Fr.—Common. Stumps, limbs, &c.
pallescens, Fr.—Mid. (Schw.) Trunk of Tulip Tree.
crassus, B. & C.—Mid. Oak trunks.
mollis, B. & C.—Low. and Mid. Trunks and stumps.
tabacinus, B. & C.—Low. and Mid. Bark of White and Post Oaks.
Schweinitzii, B. & C.—Mid. and Up. Dead limbs.
paradoxus, Schrad.—Mid. (Schw.) On Birch and Cherry.
cinerascens, Schw.—Mid. (Schw.) Side of trunks.
obliquus, Fr.—Low. and Mid. On Sweet Gum.
Tulipiferae, Schw.—Mid. (Schw.) On Tulip Tree.
deformis, Fr.—Mid. (Schw.) Trunks.
cinnamomeus, Fr.—Common. Trunks and limbs.
carneus, Fr.—Mid. (Schw.) On bark.
- RADULUM** *molare*, Fr.—Common. Dead limbs.
pallidum, B. & C.—Low. Sticks.
lætum, Fr.—Common. Branches.
fagineum, Fr.—Mid. (Schw.) Wood of limbs.
- PHLEBLA** *Merismoides*, Fr.—Common. Dead limbs.
zonata, B. & C.—Low. and Up. Wood and limbs.
reflexa, B. & C.—Low. Oak limbs.
radiata, Fr.—Common. Limbs and logs.
orbicularis, B. & C.—Low. Fallen Oak limbs.
vaga, Fr.—Low. and Mid. Rotten logs.
- GRANDINIA** *granulosa*, Fr.—Common. Carious wood.
- ODONTIA** *fimbriata*, Fr.—Common. Fallen limbs.
lateritia, B. & C.—Up. Carious wood.

Sistotremoides, Fr.—Mid. (Schw.) On wood.

KNEIFFIA setigera, Fr.—Common. On wood.

candidissima, B. & C.—Com. Bark of Cedar and Grape.

tessulata, B. & C.—Low. Carious wood.

CRATERELLUS odoratus, Fr.—Low. and Mid. Earth in woods.

lutescens, Fr.—Low. Earth and rotten wood.

cornucopioides, Pers.—Common. Woods.

roseus, Fr.—Mid. (Schw.) Mossy banks.

Cantharellus, Fr.—Mid. (Schw.) Earth in woods.

THELEPHORA (L. *MESOPUS*.)

regularis, Schw.—Mid. (Schw.) Mossy banks.

pannosa, Fr. ?—Mid. (Schw.) Earth.

vialis, Schw.—Common. Woods and road sides.

tephroleuca, B. & C.—Mid. and Up. Woods.

tuberosa, Fr.—Mid. (Schw.) Earth.

anthocephala, Bull.—Common. Woods.

caryophyllæa, Fr.—Common. Woods.

multipartita, Schw.—Mid. (Schw.) Earth.

(II. *MERISMA*.)

Cladonia, Fr.—Mid. and Up. Woods.

palmata, Fr.—Common. Earth in woods.

pallida, Schw.—Common. Earth in woods.

candida, Fr.—Mid. (Schw.) Earth in woods.

terrestris, Ehrh.—Mid. and Up. Earth in woods.

gausapata, Fr.—Mid. (Schw.) Trunks.

lutosa, Schw.—Mid. (Schw.) Roadsides.

(III. *APUS*.)

fimbriata, Fr.—Mid. (Schw.) Earth.

spiculosa, Fr.—Mid. (Schw.) Pine woods.

laciniata, Pers.—Common. Earth and trunks.

biennis, Fr.—Mid. and Up. Earth and trunks.

cuticularis, Berk.—Mid. and Up. Earth and trunks.

frondescens, Fr.—Mid. (Schw.) Earth.

(IV. *RESUPINATUS*.)

Helvelloides, Schw.—Mid. (Schw.) Earth.

spongiosa, Schw.—Mid. (Schw.) Mossy rocks.

galactina, Fr.—Low. Side of ditches.

sebacea, Fr.—Common. Leaves, grass, &c.

stabularis, Fr.—Mid. (Schw.) Stable manure.
umbrina, Fr.—Mid. and Up. Under logs and sticks.
arida, Fr.—Low. On Pine wood.
terrea, B. & C.—Low. Under prostrate Pine wood.
granosa, B. & C.—Common. Rotten logs.
ferruginea, Pers.—Mid. (Schw.) Fallen branches.
anthochroa, Pers.—Mid. (Schw.) Leaves and sticks.
moellis, Fr.—Mid. (Schw.) Pine wood.
pedicellata, Schw.—Common. On living branches.
fusca, Fr.—Mid. (Schw.) Bark of trunks.
bufonia, Pers.—Mid. (Schw.) Limbs of Sweet Gum.

STEREUM (I. MESOPUS.)

calculus, B. & C.—Low. Moist woods. }
tenerrimum, B. & R.—Low. Among Mosses.

(II. APUS.)

fasciatum, Fr.—Common. Trunks and limbs.
lobatum, Kze.—Common. Trunks and limbs.
versicolor, Swartz.—Low. Fallen limbs.
striatum, Fr.—Common. Dead limbs.
porrectum, Fr.—Mid. (Schw.) Dead limbs.
complicatum, Fr.—Common. Dead limbs.
purpureum, Pers.—Common. Trunks and stumps.
spadiceum, Fr.—Common. Trunks and stumps.
molle, Lev.—Mid. Logs.
hirsutum, Fr.—Common. Limbs and logs.
styracifluum, Schw.—Mid. (Schw.) On Sweet Gum.
sanguinolentum, A. & S.—Low. and Mid. Pine trunks.
ochraceo-flavum, Schw.—Common. On limbs.
bicolor, Fr.—Common. Logs and limbs.
Micheneri, B. & C.—Mid. and Up. Fallen limbs.
ferrugineum, Fr.—Mid. (Schw.) Fallen limbs.
rubiginosum, Schrad.—Common. Trunks and sticks.
papyrinum, Mont.—Low. Decaying logs.
tabacinum, Fr.—Mid. and Up. (Schw.) Fallen limbs.
cervinum, B. & C.—Low. Fallen Oak limbs.
imbricatum, Schw.—Common. Trunks and branches.
Curtisii, Berk.—Common. Bark of White and Post Oaks.
Leveilleanum, B. & C.—Low. and Mid. Dead limbs.

albobadium, Schw.—Low. and Mid. Trunks and branches.
 candidum, Schw.—Low. and Mid. Bark of trees.
 frustulosum, Fr.—Low. and Mid. Wood and stumps.
 subpileatum, B. & C.—Common. Logs and stumps.
 rugosum, Fr.—Mid. and Up. Trunks and logs.
 Pini, Fr.—Mid. (Schw.) Pine bark.
 alneum, Fr.—Mid. (Schw.) On wood.
 acerinum, Fr.—Common. Bark of trees.

AURICULARIA mesenterica, Bull.—Mid. (Schw.) Trunks.

CORTICIUM (I. APUS.)

ochroleucum, Fr.—Low. and Up. ? Fallen limbs.
 subzonatum, Fr.—Mid. (Schw.) Wood.
 evolvens, Fr.—Low. and Mid. On bark of trees.
 salicinum, Fr.—Mid. (Schw.) On Willows.
 Oakesii, B. & C.—Up. Bark of White Oak.

(II. HIMANTIA.)

giganteum, Fr.—Common. Bark and wood.
 læve, Fr.—Common. Bark and wood.
 Auberianum, Mont.—Common. Bark and wood.
 roseum, Fr.—Mid. (Schw.) Bark of trunks.
 velutinum, Fr.—Bark of Sweet Gum.
 glabrum, B. & C.—Low. Sticks in wet ground.
 sulfureum, Fr.—Mid. and Up. Wood, bark, &c.
 Viticola, Fr.—Mid. and Up. Bark of Grape vines.
 alutaceum, B. & C.—Mid. (Schw.) Carious wood.
 cœruleum, Fr.—Common. Wood and bark.
 atrovirens, Fr.—Mid. (Schw.) Carious wood.
 arachnoideum, Berk.—Common. Wood and bark.
 polyschistum, B. & C.—Low. Branches of Apple tree.
 leucothrix, B. & C.—Low. Underside of Pine wood.

(III. LEIOSTROMA.)

calceum, Fr.—Common. Wood and bark.
 Rubicola, B. & C.—Common. Blackberry stalks.
 viscosum, Pers.—Mid. (Schw.) Putrid wood.
 Martianum, B. & C.—Up. Putrid wood.
 molle, B. & C.—Low. Putrid wood.
 ochraceum, Fr.—Mid. (Schw.) Wood.
 seriale, Fr. ?—Mid. (Schw.) Pine wood.

quercinum, Pers.—Mid. and Up. Bark of Chestnut, &c.
 albido-carneum, (Schw.)—Common. Carious wood.
 cinereum, Fr.—Common. Bark of limbs.
 scutellatum, B. & C.—Common. Bark of limbs.
 incarnatum, Fr.—Common. Wood and bark.
 polygonium, Pers.—Mid. (Schw.) Dead limbs.
 corrugatum, Fr.—Common. Bark and wood.
 Sambuci, Pers.—Mid. (Schw.) On Elder.
 episphæria, (Schw.)—Mid. (Schw.) On wood and Hypox :
 stigma.

GUEPINIA Spathularia, Fr.—Common. Pine wood.
 elegans, B. & C.—Low. and Up. Trunks and logs.
 CYPHELIA lacera, Fr.—Mid. (Schw.) On vegetable matter.
 Filicicola, B. & C.—Low. Stem of Ferns.
 Capula, Fr.—Common. Stems of herbs.
 fulva, B. & R.—Common. Branches of Alder.
 SPARASSIS *crispa*, Fr.—Up. Earth.
laminosa, Fr.—Low. Oak log.
spathulata, Fr.—Low. and Mid. Earth.

CLAVARIA (I. RAMARIA.)

flava, Fr.—Common. Earth in woods.
Botrytis, Pers.—Common. Earth in woods.
fastigiata, L.—Mid. (Schw.) Grassy places.
muscoides, L.—Mid. (Schw.) Grassy places.
tetragona, Schw.—Mid. (Schw.) Damp woods.
cristata, Holmsk.—Mid. and Up. Damp woods.
rugosa, Bull.—Mid. (Schw.) Damp woods.
fuliginea, Pers.—Low. and Mid. Shady woods.
macropus, Pers.—Mid. (Schw.) Earth.
subtilis, Pers.—Mid. (Schw.) Shaded banks.
pyxidata, Pers.—Common. Rotten wood.
aurea, Schæff.—Common. Earth in woods.
formosa, Pers.—Common. Earth in woods.
 abietina, Schum.—Mid. (Schw.) Ligneous Earth.
 leucotephra, B. & C.—Mid. (Schw.) Among rotting
 leaves.
 grisea, Pers.—Mid. (Schw.) Woods.
 gracilis, Pers.—Mid. (Schw.) Shady banks.

stricta, Pers.—Common. Wood and earth.
byssiseda, Pers.—Mid. (Schw.) Rotting leaves.

(II. SYNCORYNE.)

inæqualis, Fr.—Common. Damp woods.
fusiformis, Sow.—Common. Fields and woods.
argillacea, Fr.—Mid. (Schw.) Fields and woods.
vermiculata, Scop.—Mid. (Schw.) Grassy fields.
fragilis, Holmsk.—Common. Earth in woods.
tenacella, Pers.—Mid. (Schw.) Woods.
fumosa, Pers.—Mid. (Schw.) Pine woods.

(III. HOLOCORYNE.)

pistillaris, L.—Mid. (Schw.) Shady woods.
ligula, Fr.—Mid. (Schw.) Among shrubs.
contorta, Fr.—Up. On sticks.
falcata, Pers.—Mid. and Up. Mossy places.
vernalis, Schw.—Mid. (Schw.) Naked earth.
mucida, Pers.—Common. Damp rotting wood.
acuta, Sow.—Low. Mossy banks.
 ? *trichomorpha*, Schw.—Mid. (Schw.) Dead Corn stalks.

CALOCERA *viscosa*, Fr.—Mid. (Schw.) Pine woods.

palmata, Fr.—Common. Carious wood.

furcata, Fr.—Mid. (Schw.) Trunks.

cornea, Fr.—Common. Bark and wood.

pilipes, Schw.—Mid. (Schw.) On wood.

CRINULA *paradoxa*, B. & C.—Low. On Oak leaves.

TYPHULA *tenuissima*, M. A. C.—Low. Rotting leaves.

Grevillei, Fr.—Low. Fruit and leaf stalks of Sweet Gum.

gyrans, Fr.—Mid. (Schw.) Stems of herbs.

mucosa, B. & C.—Low. Stems of herbs.

PISTILLARIA *Muscicola*, Fr.—Mid. and Up. On Mosses.

rosella, Fr.—Low. Rotting leaves.

elegans, B. & C.—Low. Dead twigs of Snow Ball.

micans, Fr.—Mid. (Schw.) Stems of herbs.

ovata, Fr.—Mid. (Schw.) Dead leaves.

TREMELLA *foliacea*, Pers.—Common. Trunks, logs, &c.

aurantia, Schw.—Common. Trunks, logs, &c.

lutescens, Fr.—Common. Trunks, logs, &c.

vesicaria, Bull.—Mid. (Schw.) Stems of plants.

- mesenterica*, Retz.—Common. On bark.
intumescens, Sm.—Common. Wood and limbs.
albida, Huds.—Common. Wood and limbs.
virens, Schw.—Mid. (Schw.) On Dogwood limbs.
enata, B. & C.—Low. Oak limbs.
sarcoides, With.—Mid. and Up. Trunks and branches.
parasitica, Schw.—Mid. (Schw.) On *Lentinus tigrinus*.

CORYNE *gyrocephala*, B. & C.—Low. Wet rotten wood.

- EXIDIA** *Auricula-Judæ*, Fr.—Common. Trunks.
auriformis, Fr.—Mid. (Schw.) On wood.
recisa, Fr.—Low. Fallen limbs.
pedunculata, B. & C.—Low. Pine wood.
glandulosa, Fr.—Common. Limbs and sticks.
crenata, Fr.—Mid. (Schw.) On limbs.

- NÆMATELIA** *encephala*, Fr.—Mid. and Up. Fallen limbs.
nucleata, $\frac{1}{2}$ Fr.—Common. Fallen limbs.

DACRYMYCES *fragiformis*, Nees.—Mid. (Schw.) On *Hypoxylon stigma*.

- moriformis*, Fr.—Low. Wood and bark.
violaceus, Fr.—Mid. (Schw.) Branch of Apple tree.
stillatus, Fr.—Common. Pine wood.
tortus, Fr.—Common. Pine wood.
deliquescens, Duby.—Up. Dead limbs.
lacrymalis, Pers.—Mid. (Schw.) On wood.
involutus, Schw.—Mid. (Schw.) Old wood.
pellucidus, Schw.—Mid. (Schw.) Wood.
Syringæ, Fr.—Low. and Mid. Dead bark of Lilac.
epiphyllus, Schw.—Mid. (Schw.) Leaf of Galium.

HYMENULA *Phytolacææ*, B. & C.—Mid. Dead stem of Poke weed.

AGYRIUM *nigricans*, Fr. ?—Low. Dry wood.

II. GASTEROMYCETES.

- CAULOGLOSSUM transversale, Fr.—Low. and Mid. Earth in damp woods.
- HYDNANGIUM Ravenelii, B. & C.—Low. Swampy ground.
- RHIZOPOGON luteolus, Tul.—Mid. Swampy ground.
 rubescens, Tul.—Low. and Mid. Swampy ground.
- MELANOGASTER rubescens, Tul.—Up. Swampy ground.
- PIHALLUS duplicatus, Bosc.—Common. Earth in Pine woods.
 indusiatus, Vent.—Mid. (Schw.) Earth.
 impudicus, L.—Mid. Earth.
 rubicundus, Fr.—Low. Earth.
- CORYNTES brevis, B. & C.—Low. and Mid. Fields and Gardens.
- CLATHRUS columnatus, Bosc.—Low. and Mid. Sandy woods.
- TULOSTOMA fimbriatum, Fr.—Common. In light soils.
 mammosum, Fr.—Common. In ligneous earth.
- LYCOPERDON *Bovista*, L.—Common. Grassy land.
 candidum, Schw.—Mid. (Schw.) Grassy woods.
 cœlatum, Bull.—Low. and Mid. Earth and stumps.
 pusillum, Batsch.—Low. and Mid. Loose soil.
 acuminatum, B. & C.—Low. and Mid. On Mosses.
 gemmatum, Batsch.—Common. Woods and fields.
 pyriforme, Schæff.—Common. Earth and rotten logs.
- BOVISTA *nigrescens*, Pers.—Common. Grassy fields.
plumbea, Pers.—Common. Grassy fields.
cyathiformis, (Bosc.)—Common. Fields and banks.
- GEASTER fornicatus, Fr.—Common. Earth in woods.
 minimus, Schw.—Common. Earth in woods.
 limbatus, Fr.—Up. Woods.
 fimbriatus, Fr.—Low. Sandy woods.
 saccatus, Fr.—Common. Earth.
 rufescens, Pers.—Mid. (Schw.) Hill-sides.
 hygrometricus, Pers.—Common. Earth.
 fibrillosus, Schw.—Mid. (Schw.) Naked Earth.
- SCLERODERMA Geaster, Fr.—Common. Clayey banks.
 vulgare, Fr.—Common. Earth.

- Texense, Berk.—Low. Sandy woods.
 Bovista, Fr.—Low. Sandy woods.
 Lycoperdioides, Schw.—Mid. (Schw.) Logs and
 ligneous earth.
- POLYSACCUM** Pisocarpium, Fr.—Low. Base of stumps, &c.
- ARACHNION** album, Schw.—Low. and Mid. Earth.
- MITREMYCES** lutescens, Schw.—Common. Damp woods.
 cinnabarinum, Schw. ?—Low. Damp woods.
 Ravenelii, Berk.—Up. Earth.
- LYCOGALA** epidendrum, L.—Common. Rotten wood.
- RETICULARIA** umbrina, Fr.—Mid. (Schw.) Rotten trunks.
 atra, Fr.—Mid. (Schw.) Pine wood.
 Muscorum, Fr.—Mid. (Schw.) On Mosses.
- AETHALIUM** septicum, Fr.—Common. On wood, stumps, &c.
 Ferrincola, Schw.—Mid. (Schw.) On a piece of iron.
- DIDERMA** stellare, Pers.—Low. Pine wood.
 floriforme, Pers.—Mid. (Schw.) On trunks.
 globosum, Pers.—Mid. (Schw.) Leaves.
 difforme, Sommerf.—Mid. (Schw.) Stems of Irish Potato.
 testaceum, Pers.—Mid. (Schw.) Dead stems of plants.
 contextum, Pers.—Mid. (Schw.) Dead stems of plants.
 reticulatum, Fr.—Mid. (Schw.) Dead leaves.
- LEOCARPUS** vernicosus, Lk.—Mid. and Up. Dead leaves, sticks, &c.
- DIDYMIUM** Clavus, Fr.—Mid. and Up. Rotting leaves.
 furfuraceum, Fr.—Common. Dead wood.
 rufipes, Fr.—Mid. (Schw.) On trunks.
 tigrinum, Schrad.—Mid. (Schw.) Dead wood.
 squamulosum, Fr.—Mid. (Schw.) Fallen leaves.
 farinaceum, Schrad.—Low. Fallen leaves.
 pusillum, B. & C.—Low. Rotting stem of herb.
 xanthopus, Fr.—Common. Dead leaves, stems, &c.
 chrysosepton, B. & C.—Low. Rotting leaves.
 Ravenelii, B. & C.—Up. (Rav.) Rotten wood.
 spumarioides, Fr.—Mid. and Up. Rotting leaves,
 Moss, &c.
 luteo-griseum, B. & C.—Low. and Mid. Living leaves
 of Gonolobus, &c.
 polycephalum, Schw.—Low, and Mid. Trunks, sticks,
 leaves, &c.

Curtisii, Berk.—Low. Living grass and leaves.
megalospermum, B. & C.—Low. Dead leaves.
Physaroides, Fr.—Low. Bark of trunks.
cinereum, Fr.—Low. and Mid. Bark of trunks.
terrigenum, B. & C.—Mid. Naked clayey soil.

PHYSARUM *nutans*, Pers.—Common. On dead wood.
aureum, Pers.—Common. On dead wood.
sulphureum, A. & S.—Mid. (Schw.) Dead leaves.
columbinum, Pers.—Mid. (Schw.) Trunk of Birch.
cupriceps, B. & R.—Low. Rotten Pine wood.
hyalinum, Pers.—Mid. (Schw.) Bark of trunks.
Licea, Fr.—Mid. (Schw.) Pine wood.
album, Fr.—Low. Fallen leaves.
decipiens, B. & C.—Low. Bark of Oak trunk.
confluens, Pers.—Mid. (Schw.) Stumps.
elegans, Schw.—Mid. (Schw.) Leaves and plants.
effusum, Schw.—Mid. (Schw.) On tan-bark.

ANGIORIDIUM *sinuosum*, Grev.—Common. Leaves, stems, &c.

CRATERIUM *pedunculatum*, Trent.—Mid. (Schw.) Leaves, stems, &c.
leucocephalum, Dittm.—Mid. (Schw.) Bits of wood.
globosum, Fr.—Low. Corn stalks.

DIACHEA *elegans*, Fr.—Common. Leaves, stems, grass, &c.

STEMONITIS *fusca*, Röth.—Common. Wood, leaves, Moss, &c.
ferruginea, Ehrb.—Common. Carious wood.
typhoides, D. C.—Low. and Mid. Wood and sticks.
oblonga, Fr.—Mid. Bark of trunks.
ovata, Pers.—Low. and Mid. Dead wood.
obtusata, Fr.—Common. Dead wood.
tenerrima, M. A. C.—Low. Dead stems.
papillata, Pers.—Mid. (Schw.) On wood.
Physaroides, A. & S.—Mid. (Schw.) Birch trunk.

ENERTHENEMA *elegans*, Bowm.—Low. Old roof of shed.

DICTYDIUM *umbilicatum*, Schrad.—Common. Pine wood.
microcarpum, Schrad.—Common. Carious wood.
venosum, Schrad.—Mid. (Schw.) Carious wood.

CRIBRARIA *macrocarpa*, Schrad.—Mid. (Schw.) Pine wood.
argillacea, Pers.—Mid. (Schw.) Rotten trunks.
purpurea, Schrad.—Mid. (Schw.) Carious wood.
vulgaris, Schrad.—Mid. (Schw.) Rotten trunks.

- intricata*, Schrad.—Common. Carious wood.
tenella, Schrad.—Mid. (Schw.) Carious wood.
minutissima, Schw.—Mid. (Schw.) Carious wood.
microscopica, B. & C.—Low. Old Pine wood.
- ARCYRIA** *punicea*, Pers.—Common. Carious wood.
incarnata, Pers.—Common. Carious wood.
cinerea, Fl. Dan.—Common. Carious wood.
nutans, Grev.—Common. Carious wood.
pallida, B. & C.—Low. Carious wood.
umbrina, Schum.—Common. Carious wood.
ochroleuca, Fr.—Mid. (Schw.) Carious wood.
globosa, Schw.—Mid. (Schw.) Chestnut burs.
- TRICHIA** *rubiformis*, Pers.—Mid. and Up. Rotten wood and Mosses.
pyriformis, Hoffm.—Common. Sticks and logs.
serotina, Schrad.—Common. Carious wood.
fallax, Pers.—Mid. (Schw.) Carious wood.
clavata, Pers.—Common. Carious wood.
nigripes, Pers.—Mid. (Schw.) Carious wood.
turbinata, With.—Common. Wood and sticks.
chrysosperma, D. C.—Common. Rotten wood.
varia, Pers.—Mid. and Up. Dead trunks and logs.
serpula, Pers.—Common. Dead herbs, sticks, &c.
- LACHNOBOLUS** *cribrosus*, Fr.—Mid. On logs.
cinereus, Schw.—Mid. (Schw.) Dead stems.
- PERICHAENA** *populina*, Fr.—Common. Bark of trees.
marginata, Schw.—Low. and Mid. Bark of trees.
vermicularis, Fr. (Sum. Veg.)—Mid. (Schw.) Bark of trees.
luteo-valve, Fr. (Sum. Veg.)—Mid. (Schw.) Dead stems.
- LICEA** *cylindrica*, Fr.—Mid. and Up. Rotten wood.
fragiformis, Nees.—Common. Wood, Moss, &c.
stipitata, B. & R.—Low. and Up. Sticks and logs.
variabilis, Schrad.—Mid. (Schw.) Trunks.
- TRICHODERMA** *viride*, Pers.—Common. Bark and wood.
- PYRENIUM** *terrestre*, Tode.—Mid. (Schw.) Among putrid Lichens.
- MYROTHECIUM** *roridum*, Tode.—Low. Decaying leaves, &c.
Verrucaria, Dittm.—Low. Putrescent seeds of Watermelon.
- HYPHELIA** *terrestris*, Fr.—Mid. (Schw.) Shaded earth.

- NIDULARIA pulvinata*, Schw.—Common. On rotten wood.
CYATHUS striatus, Hoffm.—Low. and Mid. Earth.
 campanulatus, Fr.—Common. Woody matter.
 Crucibulum, Pers.—Common. Wood and bark.
SPHÆROBOLUS stellatus, Tode.—Common. Wet or carious wood.
THELEBOLUS stercoreus, Tode.—Mid. (Schw.) Among manure.

III. CONIOMYCETES.

- MICROTHYRIUM Smilacis*, DeNot.—Common. Branches of Bamboo.
LEPTOSTROMA caricinum, Fr.—Common. Leaves of *Carex*.
 Spireæ, Fr.—Low. Leaves of *Paspalum*.
 litigiosum, Desm.—Low. and Mid. Stems of *Pteris*.
 vulgare, Fr.—Common. Stems of plants.
 Sphærioides, Fr.—Mid. (Schw.) Stems of plants.
 Actææ, Schw.—Mid. (Schw.) Stems of Rattle Top.
 Scandentium, Schw.—Mid. (Schw.) Shoots of *Amphicarpæa*.
 Donacis, Schw.—Mid. (Schw.) Stalks of *Arundo donax*.
PHOMA miserum, B. & C.—Low. Bark of Rose bushes.
 erumpens, B. & C.—Mid. (Schw.) Branches of Bamboo.
 decorticans, B. & C.—Low. Branchlets of Water Oak.
 smilacinum, B. & C.—Low. On *S. laurifolia*.
 pallens, B. & C.—Low. Dead branches of Grape vine.
 Radula, B. & Br.—Low. Twigs of Apple and Sycamore.
 mixtum, B. & C.—Low. Branches of Tulip Tree.
 Syringæ, B. & C.—Low. Branches of Lilac.
 mamillanum, B. & C.—Low. Leaf stalks of Sweet Bay.
 longipes, B. & C.—Mid. Cedar twigs.
 subconnata, B. & C.—Mid. (Schw.) Stalks of *Gossypium*,
 Cucurbitacearum, (Fr.)—Common. On dry *Cucurbita*.
 Horticola, B. & C.—Low. Bean pods.
 Cimicifugæ, B. & C.—Mid. and Up. Stems of Rattle Top.

- Glandicola*, B. & C.—Low. Old White Oak Acorns.
complanata, Fr.—Mid. (Schw.) Stems of herbs.
navicularis, B. & C.—Mid. (Schw.) Stems of herbs.
aterrimum, B. & C.—Low. Old Corn stalks.
Uvicola, B. & C.—Low. and Mid. Rotting grapes.
Cacti, B. & C.—Low. Dead *C. triangularis*.
soriatum, B. & C.—Low. Dead *C. triangularis*.
cucurbitale, B. & C.—Low. Seeds of Watermelon.
Citrulli, B. & C.—Low. Seeds of Watermelon.
Peponis, B. & C.—Low. Seeds of Pumpkin.
cinctum, B. & C.—Low. Dying leaves of Elm.
maculaecola, B. & C.—Mid. Leaves of *Hedera*.
concentricum, Desm.—Low. Leaves of *Yucca*.
campylosporium, B. & C.—Low. Leaves of *Panicum*.
Filum, Fr.—Common. Grass leaves, &c.
Poarum, B. & C.—Low. Leaves of *P. hirsuta*.
aridum, B. & C.—Low. Leaves of *Cyrilla*.
Andromedæ, Schw.—Mid. (Schw.) Leaves of *A. axillaris*.
APIOSPORIUM *stilbosporoideum*, Fr.—Mid. (Schw.) Carious limbs.
CRYPTOSPORIUM *filicinum*, B. & C.—Low. Stem of Ferns.
Novæboracense, B. & C.—Mts. Bark of *Abies*.
SPÆRONEMA *subulatum*, Fr.—Mid. Rotting Agarics.
rufum, Fr.—Low. Bark of *Magnolia glauca*.
epigloium, B. & C.—Low. and Up. On *Tremella*.
Spina, B. & C.—Low. and Mid. Branches of *Fraxinus*.
aciculare, Fr.—Mid. (Schw.) On wood.
Acrosperrum, Fr.—Mid. (Schw.) On fire wood.
macrosporum, B. & C.—Low. Branches of *Robinia*.
Ampelopsidis, B. & C.—Mts. Branches of *A. quinquefolia*.
penicillatum, B. & C.—Low. Rotting wood and bark.
ventricosum, Fr.—Mid. (Schw.) Bark of trunks.
cylindricum, Fr.—Mid. (Schw.) Stems of herbs.
conicum, Fr.—Mid. (Schw.) On wood.
hemisphericum, Fr.—Mid. (Schw.) Willow wood.
echinatum, B. & C.—Mts. Petiole discs of *Rhododendron*.
? collapsum, B. & C.—Low. and Mid. Leaves of *Pyrus*.

- nitidum, B. & C.—Mid. Dead twigs of Negundo.
radulum, B. & C.—Low. Branches of Maple.
- HYPOCENIA obtusa**, B. & C.—Low. and Mid. Branches of Maple.
- APOSPHERIA acuta**, Berk.—Mid. (Schw.) Stems of herbs.
- CESATIA turbinata**, B. & C.—Low. Branches of Kerria, Persica, &c.
- ACROSPERMUM compressum**, Tode.—Low. Stem of herbs.
foliicolum, B. & C.—Low. Various dead leaves.
viridulum, B. & C.—Low. Stem of herb.
- DIPLODIA vulgaris**, Fr.—Common. On dead branchlets.
Viticola, Desm.—Low. On Grape vines.
quisquiliarum, B. & C.—Low. Dried fibrillose roots.
pyrenophora, (Fr.)—Low. Branches of Apple tree.
dispersa, B. & C.—Low. Branches of Smilax.
tephrosora, B. & C.—Low. and Mid. Branches of Magnolia.
Pericarpium, B. & C.—Low. and Mid. Husks of Hickory.
Mori, Berk.—Mid. Branchlets of Mulberry.
megalospora, B. & C.—Low. Cones of Pinus tæda.
Zææ, Lev.—Common. Old Corn-stalks.
Buxi, Fr.—Common. Dead Box leaves.
Visci, Fr.—Low. and Mid. Dead Mistletoe.
- HENDERSONIA variabilis**, B. & C.—Low. Dead leaves of Oak.
prominula, B. & C.—Low. Dead leaves of Apple tree.
Curtisii, Berk.—Low. Dead leaves of Narcissus.
effusa, B. & C.—Low. Dead leaves of Aristida stricta.
nobilis, B. & C.—Low. Wood of Hickory branches.
hyalopus, B. & C.—Low. Branches of Rhus copallina.
pubens, B. & C.—Mid. Branches of Robinia.
pauciseptata, B. & C.—Low. Naked limbs of Lagerstræmia.
- SPHÆROPSIS pulchella**, B. & C.—Com. Branches of Rhus copallina.
fusiger, B. & C.—Mid. Branches of Wistaria.
globosa, B. & C.—Mts. Branches of Cratægus.
hederaephila, B. & C.—Mid. Branches of Hedera.

Pennsylvanica, B. & C.—Mid. *Fraxinus*.
cellulosa, B. & C.—Low. Branches of *Ficus*.
Celtidis, M. A. C.—Mid. Galls of *Celtis*.
impressa, B. & C.—Low. Branches of *Morus*.
Corni, B. & C.—Low. Branches of *C. florida*.
Smilacis, B. & C.—Low. Branches of *Smilax*.
Malicola, B. & C.—Low. Dry wood of Apple tree.
insignis, B. & C.—Mid. Old Acorns.
caulincola, B. & C.—Low. Stem of herb.
coriarum, B. & C.—Mid. Old leather.
Gallæ, B. & C.—Common. Oak galls.
Candollei, B. & Br.—Mid. Leaves of Box.
seminalis, B. & C.—Low. Dried seeds of Watermelon.
Rhoidis, B. & C.—Low. and Mid. ? Leaves of *Rhus*
copallina.

VERMICULARIA *Dematium*, Fr.—Common. Dead stems.
Liliaceorum, Schw.—Low. and Mid. Liliaceous
 stems.
acuminata, Schw.—Low. Dead Iris.
Graminum, Lib.—Low. Culm of *Zea*.
punctans, Schw.—Low. Leaves of *Andropogon*.
carbonacea, B. & C.—Low. Leaves of *Magnol.*
grandiflora.
thecicola, Schw.—Mid. (Schw.) Capsules of *Dicra-*
num.

DISCOSIA *Artocreas*, Fr.—Common. On dead leaves and old Acorns.
clypeata, Not.—Low. and Mid. On dead leaves.
rugulosa, B. & C.—Up. Hickory leaves.
nitidissima, B. & C.—Low. Red-bay leaves.
ocellata, B. & C.—Low. Leaves of *Magnol. grandiflora*.

SEPTORIA *Graminum*, Desm.—Low. Leaves of *Panicum*.
Plantaginicola, B. & C.—Mid. Leaves of *P. lanceolata*.
Violæ, Desm.—Mid. Leaves of Violets.
Magnoliæ, B. & C.—Low. Leaves of *M. glauca*.
Liriodendri, B. & C.—Low. Leaves of Tulip Tree.
Speculariæ, B. & C.—Low. Leaves of *S. perfoliata*.
ocellata, B. & C.—Low. Fallen leaves.
Dolichos, B. & C.—Low. Leaves of Cow Pea.
Rubi, B. & C.—Common. Leaves of Blackberry.

Vitis, B. & C.—Common. Leaves of Grape and Creeper;
Oenotheræ, B. & C.—Low. Leaves of *O. sinuata*.
nigricans, Schw.—Mid. (Schw.) Leaves of Chestnut.
maculans, B. & C.—Low. Leaves of Post Oak.
recta, B. & C.—Low. Fallen leaves.
fruticicola, B. & C.—Low. Old fruit of *Passiflora* and
Malus.

Phlyctænoides, B. & C.—Mid. In *Datura*.
saturnina, B. & C.—Mid. (Schw.) On stems.
breviuscula, B. & C.—Low. Branches of *Robinia*.
decipiens, B. & C.—Low. Branches of *Lonicera*.

PESTALOZZIA *concentrica*, B. & R.—Mid. and Up. Leaves of *Malus*
and *Cratægus*.

Guepini, Desm.—Low. and Mid. Leaves of *Sassa-*
fras, &c.

grandis, B. & C.—Up. Leaves of *Smilax*.

Pezizoides, Not.—Mid. Leaves of *Vitis*.

hysteriiformis, B. & C.—Common. Leaves of *Quercus*
nigra, &c.

stictica, B. & C.—Low. Leaves of *Platanus*.

funerea, Desm.—Low. Branches of *Cupressus thy-*
oides.

torulosa, B. & C.—Mid. Old seeds of *Watermelon*.

ASTEROMA *Robergei*, Desm.—Low. Inside of dead stems.

vernica, Fr.—Mid. (Schw.) Dead stems.

Himantia, Fr.—Mid. (Schw.) Dead stems.

elegans, (Schw.)—Mid. (Schw.) Dead stems of *Phyto-*
lacca.

crustacea, (Schw.)—Mid. (Schw.) Dead stems of *Phy-*
tolacca.

inelegans, (Schw.)—Mid. (Schw.) Dead stems of *Phy-*
tolacca.

Impatientis, (Schw.)—Mid. (Schw.) Dead stems of *I.*
fulva.

lineola, (Schw.)—Mid. (Schw.) Dead stems of *Liliacei*.

Rosæ, Lib.—Low. Leaves of *Rosa*.

geographica, Fr.—Low. Leaves of *Rosa*.

Xanthii, Fr.—Mid. (Schw.) Leaves of *X. strumarium*.

Diospyri, (Schw.)—Mid. (Schw.) Leaves of *Persimon*.

Panici, (Schw.)—Mid. (Schw.) Leaves of Panicum.

- MELANCONIUM** Dothidea, Schw.—Mid. Bark of Mulberry.
 cinctum, B. & C.—Up. Bark of Chestnut limbs.
 sphæroideum, Lk.—Mid. (Schw.) Bark of Birch.
 sphærospermum, Lk.—Mid. (Schw.) On Reed stems.
- DISCELLA** Magnoliæ, B. & C.—Up. Bark of limbs of *M. cordata*.
- DIDYMOSPORIUM** elevatum, Lk.—Mid. (Schw.) Bark of Birch.
- STILBOSPORA** magna, Berk.—Up. Bark of Walnut.
 ovata, Pers.—Common. On bark.
 macrosperma, Pers.—Mid. (Schw.) Putrid wood.
 tenuis, B. & C.—Low. Bark of Morus.
 Pinicola, B. & C.—Low. Fallen Pine leaves.
- ASTEROSPORIUM** Hoffmani, Kze.—Mid. (Schw.) Dead limbs.
- CYTISPORA** rubescens, Fr.—Up. Bark of *Pyrus Americana*.
 chrysoferma, Fr.—Mid. (Schw.) On limbs.
 Pinastri, Fr.—Up. Pine leaves.
 Ailanthi, B. & C.—Low. Branches of Ailanthus.
 chloroglœa, B. & C.—Up. Branches of *Cornus sericea*.
 leucosperma, Fr.—Common. Branches of various trees.
 leucophthalma, B. & C.—Low. Bark of *Prunus Caroliniana*.
 melasperma, Fr.—Mid. (Schw.) Bark of *Betula*.
 parva, B. & C.—Low. Branches of *Robinia*.
 betulina, Ehrb.—Mid. (Schw.) Bark of Birch.
 laxa, B. & C.—Low. Bark of *Calycanthus*.
 hyalosperma, Fr.—Mid. Bark of Maple.
 Persicæ, Schw.—Common. Branchlets of Peach.
 sphærocephala, (Schw.)—Mid. (Schw.) Branchlets of
Hydrangea or *Sassafras*.
- NEMASPORA** crocea, Pers.—Common. Trunks and branches.
 erythrella, B. & C.—Low. Branches of Rose.
 decipiens, B. & R.—Up. (Rav.) On limbs.
- MYXOSPORIUM** nitidum, B. & C.—Up. Branches of *Cornus alternifolia*.
 Musæ, B. & C.—Low. On decaying Bananas.
- CORYNEUM** compactum, B. & Br.—Mid. Branches of *Betula nigra*.
 pulvinatum, Kze.—Mid. Branches of *Hedera*.
 Staphyleae, M. A. C.—Mid. Branches of *Staphylea*.
 decipiens, B. & C.—Up. Branches of *Castanea*.

- unicolor, M. A. C.—Mid. Bark of Cedar.
- BACTRIDIVM flavum*, Kze.—Mid. (Schw.) Carious wood.
- ? *EXCIPULA Liliorum*, Schw.—Mid. (Schw.) Stems of *Lilium*.
- DINEMASPORIVM strigosum*, (Fr.)—Common. Wood and stems of plants.
- hispidulum*, (Schrad.)—Mid. (Schw.) On *Sambucus*.
- SEIRIDIVM inarticulatum*, B. & C.—Low. Branchlets of *Liquidambar*.
- TORULA herbarum*, Pers.—Common. Stems of herbs.
- antennata*, Pers.—Mid. (Schw.) Pine roofs.
- dissita*, B. & C.—Low. Inside of Oak log.
- DICTYOSPORIVM elegans*, Cda.—Low. Branch of *Magnolia glauca*.
- HELICOMYCES aureus*, Cda.—Low. Wood of Pine and Cedar.
- SEPTONEMA spilomeum*, Berk.—Common. On rails, boards, &c.
- cespitosum*, B. & C.—Low. Leaves of *Liriodendron*.
- circinatum*, B. & C.—Low. Leaves of *Liriodendron*.
- obscurum*, B. & C.—Low. Wet Pine wood.
- dendryphioides*, B. & C.—Low. Wet Pine wood.
- multiplex*, B. & C.—Low. Wood of *Nyssa* and *Quercus*.
- breviusculum*, B. & C.—Low. Living trunk of *Acer*.
- SPORIDESMIUM concinnum*, Berk.—Common. Carious wood.
- fuscus*, B. & C.—Up. Branch of *Magnol. acuminata*.
- adscendens*, Berk.—Low. Rotting wood and bark.
- Vaccinii*, B. & C.—Low. Wood of *Vaccinium*:
- epiphyllum*, B. & C.—Up. Living leaves of *Castanea*.
- curvatum*, B. & C.—Common. Living leaves of *Cratægus*.
- Asteriscus*, B. & C.—Low. Living leaves of *Pycnanthemum*.
- maculare*, B. & C.—Low. Living leaves of *Magnol. glauca*.
- acinosum*, B. & C.—Low. Carious Oak wood.
- stygium*, B. & C.—Low. Carious Oak wood.
- atrum*, Lk.—Mid. Branches of *Hedera*.
- compactum*, . & C.—Common. Carious wood.
- nigrum*, Berk.—Up. (Rav.) Carious wood.
- compositum*, B. & R.—Up. (Rav.) On rails and wood.

- Lepraria*, Berk.—Mid. and Up. Old rails and wood.
melanopum, B. & Br.—Up. Old rails and wood.
chartarum, B. & C.—Mid. Damp paper.
CONIOTHECIUM Juglandis, B. & C.—Mid. Bark of Walnut.
SPILOCÆA Pomi, Fr.—Common. Skin of Apples.
GYMNOSPORIUM fulvum, B. & C.—Low. Putrid wood.
Zeæ, B. & C.—Low. Dead Corn stalks.
AREGMA speciosum, Fr.—Mts. Branches of Rose bush.
mucronatum, (Pers.)—Mid. and Up. Leaves of Rose.
PUCCINIA Silphii, Schw.—Low. and Mid. Leaves of Silphium.
Amorphæ, M. A. C.—Low. Leaves of *Amorpha*.
Myrrhis, Schw.—Mid. Leaves of *Osmorhiza*.
Circeæ, Pers.—Mid. and Up. Leaves of *Circeæ*.
microsperma, B. & C.—Low. Leaves of *Lobelia puberula*.
aculeata, Schw.—Common. Leaves of *Podophyllum*.
Helianthi, Schw.—Common. Leaves of *Helianthus*.
Verbesinæ, Schw.—Common. Leaves of *Verbesina*.
Heliopsisidis, Schw.—Mid. (Schw.) Leaves of *Heliopsis*
and *Vernonia*.
Xanthii, Schw.—Common. Leaves of *Xanthium* and
Ambrosia.
Centaureæ, D. C.—Low. Leaves of *Conoclinium*.
Menthæ, Pers.—Common. Leaves of *Labiata*.
Smilacis, Schw.—Common. Leaves of *Smilax*.
Galii, Schw.—Mid. (Schw.) Leaves of *Galium*.
solida, Schw.—Mid. (Schw.) Leaves of *Anemone*.
Polygonorum, Schlecht.—Mid. (Schw.) On *Polygonum*.
bullata, Schw.—Mid. (Schw.) Stem of herbs.
Pruni, D. C.—Low. and Mid. Leaves of *Prunus*.
Graminis, D. C. (Rust.)—Common. Leaves and culms
of Grasses.
Arundinariæ, Schw.—Low. Leaves of Reed.
striola, Strauss.—Common. Leaves of Gram: and Cyp.
Caricis, D. C.—Leaves of Sedge Grass.
GYMNOSPORANGIUM Juniperi, Lk.—Common. Branches of Cedar.
PODISOMA macropus, Schw. (Cedar Balls.)—Common. Branches of
Cedar.
Juniperi, Lk.—Mid. Branches of Cedar.
UREDIO Rubigo, D. C. (Rust.)—Com. Leaves and stems of Grasses.

- caricina, D. C.—Low. and Mid. Leaves of *Carex*.
 linearis, Pers.—Common. Leaves of *Triticum*, &c.
 Azaleæ, Schw.—Low. and Mid. Leaves of *Honeysuckle*.
 Hydrangeæ, B. & C.—Mid. Leaves of *H. arborescens*.
 Prunastri, D. C.—Low. Leaves of *Persica*.
 epitea, Kze.—Common. Leaves of *Willows*.
 Vacciniorum, Johnst.—Low. Leaves of *V. hirtellum*.
 Toxicodendri, B. & R.—Mid. Branches and petioles of
Toxicodendron.
 Helianthi, Schw.—Common. Leaves of *Helianthus* and
Vernonia.
 Terebinthinaceæ, Schw.—Mid. (Schw.) Leaves of *Silph* :
 terebinth :
 Ipomœæ, Schw.—Low. and Mid. Leaves of *Ipomœa*.
 Campanularum, Lk.—Mid. (Schw.) Leaves of *Specularia*.
 Onagrarum, Lk.—Mid. (Schw.) Leaves of *Circœa*.
 Hydrocotyles, Lk.—Low. Leaves of *Hydrocotyle*.
 Smilacis, Schw.—Common. Leaves of *Smilax*.
 Polygonorum, D. C.—Low. and Mid. Leaves of *Polygonum*.
 Solidaginis, Schw.—Common. Leaves of *Aster*, *Solida-*
go, &c.
 Potentillæ, D. C.—Common. Leaves of *Potentilla* and
Agrimonia.
 Ruborum, D. C.—Common. Leaves of *Rubus*.
 luminata, (Schw.)—Common. Leaves of *Rubus*.
 effusa, Strauss.—Common. Branches and petioles of *Rosa*.
 Elephantopodis, Schw.—Com. Leaves of *Elephantopus*.
 Labiatarum, D. C.—Common. Leaves of *Labiatae*.
 Hyptidis, M. A. C.—Low. Stem and leaves of *Hyptis*.
 punctosum, Lk.—Mid. (Schw.) Leaves of *Euphorbia*.
 Leguminosarum, Lk.—Mid. (Schw.) Leaves of *Faba*.
 Heucheræ, Schw.—Mid. (Schw.) Leaves of *H. Americana*.
 Ari-Virginici, Schw.—Mid. (Schw.) Leaves of *Arum*.
 UROMYCES appendiculosa, Lev.—Mid. (Schw.) Leaves of *Pisum*
 and *Phaseolus*.
 apiculosa, Lev.—Common. Leaves of *Euphorbia*, &c.
 solida, B. & C.—Low. and Mid. Leaves of *Desmodium*.
 Phaseoli, (Strauss.)—Common. Leaves of *Phaseolus*, &c.

- Lespedezæ-violaceæ, (Schw.)—Common. Leaves of *L. violacea*.
 Lespedezæ-procumbentis, (Schw.)—Common. Leaves of *L. procumbens*.
 Spermacoces, (Schw.)—Common. Stem and leaves of *S. diodina*.
 Hyperici, (Schw.)—Mid. and Up. Leaves of *Hypericum*.
 PILEOLARIA brevipes, B. & R.—Common. Leaves of *Toxicodendron*.
 RAVENELIA glanduliformis, B. & C.—Low. and Mid. Leaves of *Tephrosia*.
 USTILAGO segetum, Pers. (Smut.)—Common. In heads of Oats, &c.
 foetens, B. & C. (Stinking Smut.)—Mid. In heads of Wheat.
 Zeæ, Schw. (Corn Smut.)—Common. Ears of Corn.
 spermophorus, B. & C.—Low. Flowers of *Poa megastachya*.
 Montagnei, Tul.—Low.—Seeds of *Rhynchospora*.
 Junci, Schw.—Mid. (Schw.) Seed of *Juncus*.
 Urceolorum, (D. C.)—Mid. and Up. Seeds of *Carex utriculosa*, (Nees.)—Common. Seeds of *Polygonum hypodites*, Fr.—Low. Culms of *Arundinaria*.
 RÆSTELIA lacerata, (Sow.)—Common. Leaves of *Cratægus*, &c.
 cancellata, (Jacq.)—Common. Leaves of Apple trees.
 Fraxini, (Schw.)—Mid. and Low. Leaves of *Fraxinus*.
 AECIDIUM Cimicifugæ, Schw.—Mid. & Up. Leaves of *Cimicifuga*.
 Podophylli, Schw.—Common. Leaves of *P. peltatum*.
 Hibisci, Schw.—Up. Leaves of *H. Moscheutos*.
 Penstemonis, Schw.—Mid. Leaves of *Penstemon*.
 Ari, Berk.—Mid. (Schw.) Leaves of *A. triphyllum*.
 leucostictum, B. & C.—Low. Leaves of *Lespedeza*.
 Euphorbiæ-hypericifoliæ, Sz.—Low. and Mid. Leaves of *E. hypericifolia*.
 Epilobii, D. C.—Low. Leaves of *Ludwigia*.
 Grossulariæ, D. C.—Mts. Leaves of *Ribes*.
 Compositarum, Mart.—Common. Leaves of *Compositæ*.
 Convolvuli, Schw.—Low. Leaves of *Ipomœa*.
 Uvulariæ, Schw.—Mid. (Schw.) Leaves of *Uvularia*.

- Dracontii, Schw.—Mid. (Schw.) Leaves of *Arum Dracontium*.
 Rumicis, Pers.—Mid. (Schw.) On *Rumices*.
 Lysimachiae, Schlect.—Mid. (Schw.) Leaves of *Lysimachia*.
 Apocyni, Schw.—Mid. (Schw.) Leaves of *Apocynum*.
 Asterum, Schw.—Mid. (Schw.) Leaves of *Aster*.
 Helianthi-mollis, Schw.—Mid. (Schw.) Leaves of *H. mollis*.
 Clematidis, Schw.—Low. and Mid. Leaves of *C. Virginica*.
 Ranunculacearum, D. C.—Mid. (Schw.) Leaves of *Ranunculi*.
 Geranii, D. C.—Mid. (Schw.) Leaves of *Geranium*.
 Impatiensis, Schw.—Mid. (Schw.) Leaves of *Impatiens*.
 Hyperici-frondosi, Schw.—Mid. (Schw.) Leaves of *H. frondosum*.
 Violæ, D. C.—Mid. (Schw.) Leaves of *Violæ*.
 Urticæ, D. C.—Mid. (Schw.) Leaves of *Urtica* and *Cynoglossum*.
 Sambuci, Schw.—Mid. (Schw.) Leaves of *S. Canadensis*.
 Berberidis, Pers.—Mid. (Schw.) Leaves of *B. Canadensis*.
 crassum, D. C.—Low. Leaves and petiole of *Berchemia*.
 Smilacis, Schw.—Mid. (Schw.) Leaves of *Smilax*.
 PERIDERMIIUM Pini, Fr.—Common. Leaves and bark of *Pines*.
 CRONARTIUM asclepiadeum, Fr.—Mid. Leaves of *Comptonia*.
 CYSTOPUS candidus, Lev.—Common. Leaves of *Portulacca*, *Cap-sella*, &c.

IV. HYPHOMYCETES.

- ISARIA** *farinosa*, Fr.—Low. and Mid. Buried chrysalids.
Sphingum, Schw.—Mid. Dead Moths on bushes.
Araneorum, Schw.—Mid. (Schw.) Dead spiders.
nigripes, Schw.—Mid. (Schw.) Buried chrysalids.
carnea, Pers.—Mid. (Schw.) Bark and leaves on the ground.
epiphylla, Pers.—Mid. (Schw.) Fallen leaves.
citrina, Pers.—Mid. (Schw.) Rotten trunks.
brachiata, Schum.—Mid. (Schw.) On dead Agarics.
umbrina, Pers.—Low. and Mid. Rotten wood and bark.
- CERATIUM** *Hydnoides*, A. & S.—Common. Putrid wood.
Porioides, A. & S.—Low. and Mid. Pine wood.
- PTERULA** *plumosa*, Schw.—Low. and Mid. Among herbs and shrubs.
- DACRINA** *cinnabarina*, Nees.—Mid. (Schw.) Under Walnut bark.
- STILBUM** *tomentosum*, Schrad.—Low. On *Trichia* and *Arcyria*.
fimetaryum, Berk.—Low. On Rabbit dung.
byssinum, Pers.—Mid. (Schw.) Putrid Agarics.
bulbosum, Tode.—Mid. (Schw.) On stems.
piliforme, Pers.—Mid. (Schw.) Chestnut burs.
lateritium, Berk.—Common. On bark.
cinereo-rubrum, B. & C.—Low. *Cyrilla* and *Hibiscus Syriacus*.
cinnabarinum, Mont.—Low. and Mid. Bark of *Morus* and *Vitis*.
carcinophthalmum, B. & C.—Low. Dead stems of *Pastinaca*.
leucocephalum, B. & C.—Low. Bark of *Carya*.
Rhois, B. & C.—Common. Bark of *Rhus*.
vulgare, Tode.—Mid. (Schw.) On wood.
gelatinosum, Pers.—Mid. (Schw.) On trunks.
rigidum, Pers.—Mid. (Schw.) Putrid wood.
turbinatum, Tode.—Mid. (Schw.) On wood.
rubicundum, Tode.—Mid. (Schw.) Beech stumps.

- ATRACTIUM** Fusisporium, B. & C.—Up. Bark of *Acer Pennsylvanicum*.
- GRAPHIUM** explicatum, B. & C.—Low. Limbs of *Quercus* and *Persica*.
 clavisporum, B. & C.—Low. Living Grape leaves.
- HYALOPUS** mucorinus, B. & C.—Low. On excrement of birds.
 parasitans, B. & C.—Low. On exoete *Hydnum*.
 griseus, B. & C.—Low. Under bark of *Nyssa*.
- EPICOCUM** scabrum, Cda.—Low. Dried root of *Nyssa*.
 neglectum, Desm.—Low. Tassels of Indian Corn.
 sphærospermum, B. & C.—Low. Dead leaves of *Arun-
 dinaria*.
- ILLOSPORIUM** coccineum, Fr.—Low. On bark and Lichens.
 persicinum, Fr.—Low. On pine palings.
- STIGMATELLA** aurantiaca, B. & C.—Low. Bark and wood of *Hibisc:
 Syriacus*.
- FUSARIUM** roseum, Lk.—Common. Dead stems.
 lateritium, Nees.—Low. Bark of trees.
 aurantiacum, Cda.—Low. On putrid *Cucurbita*.
 pallens, B. & C.—Low. Heads of *Juncus*.
 arcuatum, B. & C.—Low. Bark of *P. Malus*.
 sticticum, B. & C.—Low. Dead twigs of *Persica*.
- VOLUTELLA** ciliata, Fr.—Mid. (Schw.) Dejected stems.
- GLÆOSPORIUM** versicolor, B. & C.—Low. On putrescent Apples.
 Peponis, B. & C.—Low. Putrescent *Muskmelon*.
- CHEIROMYCES** stellatus, B. & C.—Low. On *Scirpus Eriophorum*.
- TUBERCULARIA** granulata, Pers.—Common. On bark.
 vulgaris, Tode.—Mid. (Schw.) Bark of *Ribes*, &c.
 minor, Lk.—Mid. (Schw.) Limbs of *Castanea*.
 microsperma, B. & C.—Low. Dejected Pine cones.
 dubia, Schw.—Low. and Mid. Bark of *Rhus*, &c.
 nigricans, D. C.—Mid. Bark of *Fraxinus*, &c.
 persicina, Dittm.—Low. On *Uredo luminata*.
- PACHNOCYBE** subulata, Berk.—Low. On bark.
 rosella, B. & C.—Low. Bark of *Robinia*, *Melia*, &c.
- SPOROBYBE** calicioides, Fr.—Common. On bark.
 Rhois, B. & C.—Low. and Mid. Bark of *Rhus*.
 Persicæ, Fr.—Common. Bark of *Persica*, and *Cerasus*.
 Byssoides, Fr.—Common. Putrescent stems and bark.

- fasciculata, (Schw.)—Mid. (Schw.) Dead stems.
 bulbosa, (Schw.)—Mid. (Schw.) Dead stems.
 macularis, (Schw.)—Mid. (Schw.) Dead stems and wood.
 alternata, Berk.—Mid. Damp paper.

OEDEMIUM atrum, Cda.—Low. Branches and leaves.

MYXOTRICHIUM affine, B. & C.—Low. Culms of *Arundinaria*.

ACTINOCLADIUM Penicillus, Fr.—Mid. (Schw.) Leaves of *Sassafras*.

GLENOSPORA Curtisii, B. & Desm.—Common. Living limbs of
Nyssa, *Quercus*, &c.

Melioloides, M. A. C.—Mid. and Up. Living leaves
 of *Galax*.

HELMINTHOSPORIUM Tiara, B. & R.—Mts. (Rav.) Bark of trunks.

princeps, B. & C.—Low. Bark of living *Quercus*.

macrocarpon, Grev.—Com. Bark of branches.

corticale, Schw.—Mid. (Schw.) Bark of *Platanus*

obtusissimum, B. & C.—Mid. Bark of *Fraxinus*.

arbuscula, B. & C.—Low. Bark of *Rhus copal-*
lina.

caudatum, B. & C.—Mts. Bark of *Castanea*
pumila.

melanosporum, B. & C.—Low. Bark of dejected
 limbs.

siliquosum, B. & C.—Low. Bark of *Vitis* and
Smilax.

lanceolatum, B. & C.—Low. Bark and wood of
Cornus florida.

fragillimum, B. & C.—Low. Branches of *Smilax*.

rectum, B. & C.—Low. Carious wood.

molle, B. & C.—Low. Dead stems.

Ravenelii, M. A. C.—Low. Spikes of *Sporobol-*
us Indicus.

nodosum, B. & C.—Low. Spikes of *Eleusine In-*
dica.

Petersii, B. & C.—Low. Leaves of *Smilax*.

PODOSPORIUM rigidum, Schw.—Common. On *Rhus* and *Ampe-*
lopsis.

Briareus, B. & C.—Low. Oak limbs.

prælongum, B. & C.—Low. Branches of *Vaccin-*
arboreum.

- MYSTROSPORIUM** Rubigo, B. & C.—Mid. and Up. On dead *Phytolacca* and Grasses.
- STEMPHYLIUM** Fuligo, B. & C.—Up. Branch of *Rhus glabrum*.
- TRIPOSPORIUM** elegans, Cda.—Low. Putrescent stems.
- DREPANISPORA** pannosa, B. & C.—Low. Disk of carious stump.
- HELICOSPORIUM** griseum, B. & C.—Low. Fallen limbs in swamps.
- HELICOSPORIUM** fuscum, B. & C.—Low. Under pine wood in swamps.
- HELICOMA** Berkeleyi, M. A. C.—Low. Old wood and bark.
- CLADOTRICHUM** scyphophorum, Cda.—Up. Carious wood.
- POLYTHRINCIUM** Trifolii, Kze.—Common. Living leaves of *Trifolium*.
- CLADOSPORIUM** herbarum, Lk.—Common. Dead leaves and stems.
- CLADOSPORIUM** epiphyllum, Nees.—Mid. (Schw.) Fallen leaves.
- CLADOSPORIUM** apiculatum, B. & C.—Low. Dead stems of *Helianthus*.
- CLADOSPORIUM** stenosporum, B. & C.—Low. Fallen leaves of *P. Malus*.
- CLADOSPORIUM** microspermum, B. & C.—Low. Fallen leaves of *Querc. obtusifolia*.
- CLADOSPORIUM** personatum, B. & C.—Low. Leaves of *Arachis* and *Cassia*.
- CLADOSPORIUM** compactum, B. & C.—Low. Leaves of *Arundinaria*.
- CLADOSPORIUM** Bignoniae, Schw.—Mid. (Schw.) Legumes of *Bignonia* and *Catalpa*.
- CLADOSPORIUM** Fumago, Lk.—Low. Leaves in low places.
- MACROSPORIUM** Cheiranthi, Fr.—Common. On dead herbs.
- MACROSPORIUM** circinans, B. & C.—Low. Decayed Cabbage leaves.
- MACROSPORIUM** pinguedinis, Berk.—Low. Dead stems.
- MACROSPORIUM** echinellum, B. & C.—Low. and Mid. Leaves of *Platanus* and *Ilex*.
- MACROSPORIUM** antennaeforme, B. & C.—Mid. and Up. Leaves of *Celtis*.
- ASPERGILLUS** glaucus, Lk.—Common. On various decaying matter.
- ASPERGILLUS** maximus, Lk.—Low. Putrid *Polyporus* and *Boletus*.
- ASPERGILLUS** alutaceus, B. & C.—Low. Mouldy Corn.
- ASPERGILLUS** Curtisii, Berk.—Low. and Mid. Carious wood, bark, &c.
- ASPERGILLUS** roseus, Lk.—Low. and Mid. Hen dung.

crocatus, B. & C.—Low. Rotting squash.
aurantiacus, Berk.—Low. Carious Pine wood.
pulvinatus, B. & C.—Low. Rotting sticks and herbs
 in heaps.

BOTRYTIS *Viticola*, B. & C.—Common. Leaves of Grape.
parasitica, Pers.—Low. and Mid. Cabbage leaves.
prasia, B. & C.—Low. Carious Oak wood.
pallida, B. & C.—Low. Dead leaves of *Arundinaria*.
lateritia, Fr.—Mid. and Up. Carious wood.
cinerea, Pers.—Mid. (Schw.) Rotting *Cucurbita*.
Bassiana, Bals.—Low. On Silk worms.

STREPTOTHRIX *atra*, B. & C.—Common. On limbs of Oak, &c.

CAMPSOTRICHUM *circinatum*, B. & C.—Low. Fallen leaves of *Magnol*: *grandifl.*

MENISPORA *apicalis*, B. & C.—Low. Carious wood in swamps.

VERTICILLIUM *pulvinatum*, B. & C.—Low. Bark of *Acacia Julibrissin*.

rosellum, B. & C.—Low. Fallen leaves of *Phoradendron*.

stigmatellum, B. & C.—Low. Rotting *Cucurbita verrucosa*.

PENICILLIUM *crustaceum*, Fr.—Common. On fruit, vinegar, &c.
candidum, Lk.—Mid. On Fungi.

armeniaceum, Berk.—Mid. Decaying vegetable matter.

DACTYLIUM *macrosporum*, Fr.—Low. and Mid. Rotting sticks, stems, &c.

dendroides, Fr.—Mid. (Schw.) On Fungi.

SPORODUM *atropurpureum*, B. & C.—Low. Dead roots of Grass.

RHINOTRICHUM *tenellum*, B. & C.—Low. Rotten Onion.

fusiferum, B. & C.—Low. Wood in wet ground.

ramosissimum, B. & C.—Low. Rotten wood.

Curtisii, Berk.—Low. Rotten wood in swamps.

armeniaceum, B. & C.—Low. Rotting *Polyp. Schweinitzii*.

cucumerinum, B. & C.—Low. Dejected culm of *Zea*.

SPOROTRICHUM *sulfureum*, Grev.—Mid. (Schw.) In fissures of wood.
vitellinum, Lk.—Mid. (Schw.) On posts.

- virescens*, Fr.—Mid. (Schw.) On bark.
 ? *æругinosum*, Schw.—Mid. (Schw.) Rotten log.
- ODIUM** *fructigenum*, Kze.—Common. On putrescent fruit.
Monilioides, Lk.—Mid. (Schw.) Leaves of Grass.
aureum, Lk.—Mid. (Schw.) Fallen Oak leaves.
 . *simile*, Berk.—Common. Putrid wood.
pulvinatum, M. A. C.—Low. Putrid wood.
citrinellum, B. & C.—Low. On *Peziza alboviolascens*.
crustaceum, B. & C.—Low. On old curds.
- TRICHOOTHECIUM** *roseum*, Lk.—Common. On bark, Fungi, &c.
- FUSIDIUM** *pyrinum*, Mont.—Low. and Mid. On Pear leaves.
 ? *Farina*, Schw.—Mid. (Schw.) On bark.
- ASTEROPHORA** *Agaricoides*, Cda.—Mid. and Up. On *Nyctalis*.
- SEPEDONIUM** *chrysospermum*, Fr.—Common. Putrescent Boletus.
armeniacum, B. & C.—Up. Putrid wood.
- ZYGODESMUS** *effusus*, B. & C.—Low. Carious Oak wood.
torulosus, B. & C.—Low. Rotten leaves.
fuscus, Cda.—Common. Rotten wood and leaves.
ramosissimus, B. & C.—Low. Under Pine wood.
olivaceus, B. & C.—Low. Under Pine wood.
Hydnoides, B. & C.—Low. Under Pine wood.
- MONOTOSPORA** *setosa*, B. & C.—Low. Putrid wood in swamps.
- COCCOTRICHUM** *erubescens*, Schw.—Mid. (Schw.) Dejected sticks of wood.
- FUSISPORIUM** *aurantiacum*, Lk.—Low. On dead plants.
roseum, Lk.—Common. On dead plants.
Buxi, Fr.—Low. and Mid. Leaves of Box.
miniatum, B. & C.—Mid. Wounded bark of *Cornus florida*.
ossicola, B. & C.—Low. On old bones in woods.
placentula, B. & C.—Low. Dead bark of *Melia*.
pubescens, B. & C.—Low. Leaves of *Desmodium lineare*.
griseum, Fr.—Low. Fallen Oak leaves.
- CIRCINOTRICHUM** *candidum*, Schw.—Mid. (Schw.) Rotten Pine wood.
Cratægi, B. & C.—Low. Leaves of *Cratægus*.

- PSILONIA** *apalospora*, B. & C.—Low. Culms of Zea and Sorghum.
fuscopurpurea, B. & C.—Low. Dead limbs of Quercus.
uniseptata, B. & C.—Low. Rotten wood of Quercus.
DENDRINA *Diospyri*, B. & C.—Low. and Mid. Dying leaves of Persimmon.

V. ASCOMYCETES.

- MORCHELLA** *esculenta*, Pers. (Morel.)—Com. Earth in woods.
foraminulosa, Schw.—Mid. (Schw.) Earth in woods.
Caroliniana, Bosc.—Mid. Earth in woods.
HELVELLA *crispa*, Fr.—Low. Pine woods.
lacunosa, Afz.—Low. Near rotten logs.
sulcata, Afz.—Mid. (Schw.) Shady woods.
Infula, Schæff.—Mid. (Schw.) Earth and Pine logs.
costata, Schw.—Mid. In sandy ground.
ephippium, Lev.—Common. About decaying trunks.
VERPA *Caroliniana*, Schw.—Mid. (Schw.) On declivities.
GEOGLOSSUM *hirsutum*, Pers.—Common. In wet ground.
difforme, Fr.—Common. In wet ground.
glabrum, Pers.—Mid. (Schw.) Damp mossy ground.
farinaceum, Schw.—Mid. (Schw.) In meadows.
MITRULA *paludosa*, Fr.—Common. Swampy land.
exigua, Fr.—Mid. (Schw.) Dejected stems.
LEOTIA *lubrica*, Pers.—Common. Moist woods.
chlorocephala, Schw.—Common. Damp sandy woods.
viscosa, Fr.—Low. and Mid. Damp sandy woods.
circinans, Pers.—Mid. (Schw.) Woods.
RHIZINA *undulata*, Fr.—Common. Earth.
PSILOPEZIA *nummularia*, Berk.—Low. and Mid. On carious wood.
PEZIZA (I. ALEURIA.)
Acetabulum, L.—Low. On naked earth.
cinnamomeo-lutescens, Schw.—Mid. (Schw.) Among putrescent leaves.
Mitrula, Schw.—Mid. (Schw.) Among putrescent leaves.

- clypeata*, Schw.—Mid. (Schw.) Rotting log.
Schweinitzii, B. & C.—Mid. (Schw.) Earth.
badia, Pers.—Up. (Schw.) Earth.
onotica, Pers.—Mid. (Schw.) Shady places.
obtecta, Schw.—Mid. (Schw.) Among putrescent leaves.
cochleata, L.—Common. In woods.
velutina, B. & C.—Up. On lignous earth.
Spragueii, B. & C.—Up. Rotting wood.
vesiculosa, Bull.—Mid. (Schw.) In manured ground.
micropus, Pers.—Mid. (Schw.) Earth.
pustullata, Pers.—Mid. (Schw.) On trunks.
macropus, Pers.—Common. Earth and logs.
tuberosa, Bull.—Mid. (Schw.) Grassy land.
Rapulum, Bull.—Low. Earth.
catinus, Holmsk.—Mid. (Schw.) Rotten wood and lignous earth.
cupularis, L.—Low. and Mid. On burnt ground.
violacea, Pers.—Mid. (Schw.) Among *Kalmias*.
granulata, Bull.—Mid. (Schw.) Among manure.
rutilans, Fr.—Mid. (Schw.) Earth.
succosa, Berk.—Low. Moist earth.
ollaris, Fr.—Mid. (Schw.) Pine woods.
albocincta, B. & C.—Low. Mossy ground.
omphalodes, Bull.—Mid. and Up. Burnt places.
psammophila, B. & C.—Low. Damp sandy earth.
melaloma, A. & S.—Up. Burnt grounds.
rubricosa, Fr.—Mid. (Schw.) Earth.

(II. LACHNEA.)

- coccinea*, Jacq.—Up. Fallen limbs in wet ground.
tomentosa, Schum.—Mid. (Schw.) On wood.
nigrella, Pers.—Mid. (Schw.) Wood and earth.
hemispherica, Wigg.—Mid. and Up. Wood and earth.
brunnea, A. & S.—Mid. (Schw.) Burnt ground.
scutellata, L.—Common. Earth and wood.
Erinaceus, Schw.—Mid. (Schw.) Rotten trunks.
stercorea, Pers.—Mid. (Schw.) Manured and rich ground.
Theleboloides, A. & S.—Mid. (Schw.) Manured and rich ground.

- diversicolor*, Fr.—Low. and Mid. On cow dung.
decipiens, B. & C.—Mid. (Schw.) On Pine leaves.
papillata, Pers.—Mid. (Schw.) On manure.
ciliaris, Schrad.—Mid. (Schw.) Side of trunks.
virginea, Batsch.—Low. and Mid. Fallen leaves and sticks.
nivea, Fr.—Low. Fallen wood and branches.
patula, Pers.—Mid. (Schw.) Dead Birch leaves.
calycina, Schum.—Low. and Mid. Bark of Pine limbs, &c.
cerinea, Pers.—Mid. On old palings.
sericea, A. & S.—Mid. (Schw.) On wood.
clandestina, Bull.—Low. and Mid. On various branches.
fuscescens, Pers.—Mid. (Schw.) Fallen leaves.
prolificans, Schw.—Mid. (Schw.) Disc of trunks and limbs.
albo-violascens, A. & S.—Com. Bark, sticks and stems.
corticalis, Pers.—Mid. (Schw.) Bark of trunks.
cinereo-fusca, Schw.—Common. Wood and bark.
rufo-olivacea, A. & S.—Mid. (Schw.) Stems of *Rubus*.
flavo-fuliginea, A. & S.—Mid. (Schw.) Rotten wood and leaves.
varicolor, Fr.—Mid. (Schw.) On stems.
leonina, Schw.—Mid. (Schw.) Carious wood of Elm.
fulvo-cana, Schw.—Mid. (Schw.) Disc of stump.
penicillata, Schw.—Mid. (Schw.) Bark of *Vitis*.
hyalina, Pers.—Mid. (Schw.) On wood.
sulfurea, Pers.—Mid. (Schw.) On chips.
villosa, Pers.—Common. Bark of *Vitis*, *Viburnum*, &c.
punctiformis, Fr.—Low. Bark of *Robinia*.
anomala, Pers.—Common. Bark and wood.
aurelia, Pers.—Low. Carious wood.
cæsia, Pers.—Low. On Oak wood.
Rosæ, Fr.—Low. and Mid. On Rose branches.
Hydrangææ, Schw.—Mid. (Schw.) Dead *Hydrangæa*.
pruinata, Schw.—Common. Bark of *Vitis*, *Cornus*, &c.
Dædalea, Schw.—Common. Bark of *Carya*, *Acer*, &c.
Bloxami, B. & Br.—Mid. Carious wood.
fusca, Pers.—Mid. (Schw.) Bark of Elder.
sanguinea, Pers.—Low. and Mid. Carious wood.
subiculata, Schw.—Low. Wood in wet ground.

elatina, A. & S.—Mid. (Schw.) On *Pinus Canadensis*.
bolaris, Batsch.—Mid. (Schw.) On sticks, &c.
roseo-alba, Schw.—Mid. (Schw.) Bark of Dogwood.

(III. PHIALEA.)

firma, Pers.—Mid. (Schw.) Side of hollow trunks.
ciborioides, Fr.—Low. Fallen leaves.
serotina, Pers.—Mid. (Schw.) Fallen leaves.
lutescens, A. & S.—Mid. (Schw.) Limbs and leaves.
pyriformis, Fr.—Mid. (Schw.) On Mosses.
cyathoidea, Bull.—Mid. and Up. Stem of herbs.
cronata, Bull.—Mid. (Schw.) On stems.
campanula, Nees.—Mid. (Schw.) Stems of Umbelliferae.
Buccina, Pers.—Mid. (Schw.) Wood and sticks.
corocea, Schw.—Low. Rotting sticks.
æruginosa, Fl. Dan.—Mid. and Up. On wood.
versiformis, Pers.—Up. On wood.
Agassizii, B. & C.—Up. Bark of *Abies*.
citrina, Batsch.—Common. Carious wood and limbs.
pallescens, Pers.—Mid. (Schw.) On trunks.
cupressina, Batsch.—Low. and Mid. Leaves of Cedar.
herbarum, Pers.—Mid. (Schw.) On stems.
epiphylla, Pers.—Mid. (Schw.) Rotting leaves.
chrysocoma, Bull.—Mid. (Schw.) Pine wood.
Andropogonis, B. & C.—Low. Culms of Broom-grass.
vinosa, A. & S.—Low. and Mid. On fallen limbs.
sanguinella, B. & C.—Low. Wood and bark of *Liquidambar*.
rubella, Pers.—Low. and Mid. Carious wood and bark.
umbonata, Pers.—Mid. (Schw.) Rotting leaves.
atrovirens, Pers.—Mid. (Schw.) Rotten wood.
miltophthalma, B. & C.—Low. Bark of *Cornus florida*?
unda, Pers.—Mid. (Schw.) Trunks in low ground.
stenostoma, B. & C.—Low. Culms of *Andropogon*.
Arundinariae, B. & C.—Low. Culms of *Arundinaria*.
fracta, B. & C.—Up. On bark of *Hydrangea*.
cinerea, Batsch.—Mid. (Schw.) Wood, limbs, &c.
Ravenelii, B. & C.—Low. On *Hysterium rufulum*.
vulgaris, Fr.—Common. Wood and bark.

- myceticola*, B. & C.—Low. Wood, Polyporus, &c.
fibriseda, B. & C.—Up. Limbs of *Ulmus Americana*.
atrata, Pers.—Common. Stems and sticks.
melaxantha, Fr.—Mid. Dry wood.
melaleuca, Fr.—Mid. (Schw.) On dry *Corylus*.
compressa, A. & S.—Common. Dry wood.
Lecideola, Fr.—Low. and Mid. Dead limbs.
flexella, Fr.—Low. Pine wood.
CHLOROSPENIUM *Schweinitzii*, Fr.—Low. and Mid. Carious wood.
tortum, B. & C.—Mid. (Schw.) Old wood.
HELOTIUM *aureum*, Pers.—Mid. (Schw.) Trunks.
aciculare, Pers.—Mid. (Schw.) Fallen limbs of *Robinia*.
SOLENTIA *candida*, Pers.—Low. Under Pine wood.
fasciculata, Pers.—Low. and Mid. Fallen limbs in wet places.
villosa, Fr.—Low. Carious wood and bark.
ochracea, Hoffm.—Low. and Mid. Carious wood and bark.
ASCOBOLUS *furfuraceus*, Pers.—Low. and Mid. On cow dung.
major, B. & C.—Low. and Mid. On cow dung.
conglomeratus, Schw.—Common. On wet carious wood.
glaber, Pers.—Mid. (Schw.) On manure.
Trifolii, Bernh.—Mid. Living leaves of Clover.
AGYRIUM *rufum*, Fr.—Up. Wood of *Abies*.
nigricans, Fr.—Low. Dry Oak wood.
STICTIS *pallida*, Pers.—Mid. (Schw.) Old palings.
tenuis, Fr.—Mid. (Schw.) Bark of limbs.
radiata, Pers.—Common. Branches.
Pupula, Fr.—Low. Branches.
LICHENOPSIS *sphæroboloidea*, Schw.—Common. On branchlets.
PROPOLIS *versicolor*, Fr.—Common. Bark of Pine, Oak, &c.
hysterina, Fr.—Low. and Mid. Dry wood.
XYLOGRAPHA *parallela*, Fr.—Low. Carious wood.
VIBRISSEA *truncorum*, Fr.—Mid. (Schw.) On damp wood.
BULGARIA *globosa*, Fr.—Mid. (Schw.) Earth in woods.
inquinans, Fr.—Common. Oak logs.
sarcoides, Fr.—Mid. Rotten sticks.
rufa, Schw.—Mid. Rotten sticks in damp woods.
DITTIOLA *gambosa*, B. & C.—Low. Wet Pine wood.
ELAPHOMYCES *granulatus*, Fr.—Low. Sandy woods.

- SPHINCTRINA** *turbinata*, Fr.—Low. On *Pertusaria*.
leucopoda, Nyl.—Low. (Tuckerm.) On trunks.
Cerasi, B. & C.—Low. and Mid. On Cherry and
 Peach gum.
microscopica, B. & C.—Low. Branches of *Morus mul-*
ticaulis.
minima, B. & C.—Low. Dead limbs of *Quercus*.
- TROCHILA** *craterium*, Fr.—Mid. Leaves of *Hedera*.
- PATELLARIA** *atrata*, Fr.—Common. Dry wood.
applanata, B. & C.—Common. Putrescent wood.
olivaceo-virens, Fr.—Low. and Mid. Bark and wood
 of *Quercus*.
stygia, B. & C.—Up. Carious wood.
sphaerospora, B. & C.—Up. Old wood.
atro-fusca, B. & C.—Low. Bark of *Vitis vulpina*.
oculata, B. & C.—Low. Limbs of *Quercus*.
discolor, Mont.—Low. Wood and stems.
rhabarbarina, Berk.—Common. Bark of *Alnus*, &c.
aureo-coccinea, B. & C.—Low. Culm and sheath of
Andropogon.
- URNULA** *Craterium*, Fr.—Common. Rotten sticks in woods.
- DERMATEA** *fascicularis*, Fr.—Up. (Rav.) Oak limbs.
furfuracea, Fr.—Mid. (Schw.) Hazel branches.
Cerasi, Fr.—Mid. (Schw.) Cherry limbs.
carpineae, Fr.—Mid. and Up. Bark of Alder.
- TYMPANIS** *gyrosa*, B. & C.—Up. Bark of *Ilex prinoides*.
Viticola, Fr.—Low. and Mid. Bark of Grape-vine.
picastra, B. & C.—Up. Bark of *Ilex prinoides*.
cinerascens, Schw.—Low. On bark.
Andromedae, M. A. C.—Mid. Bark of *A. arborea*.
Fraxini, Fr.—Mid. (Schw.) Limbs of Ash.
plicato-crenata, Fr.—Mid. (Schw.) Bark of *Prunus*.
conspersa, Fr.—Mid. (Schw.) Bark of *Pyrus*.
- CENANGIUM** *clavatatum*, Fr.—Mid. (Schw.) Bark of *Prunus serotina*.
Prunastri, Fr.—Mid. (Schw.) On branches.
pulveraceum, Fr.—Up. On branches.
triangulare, Fr.—Common. Oak limbs.
confusum, Schw.—Mid. (Schw.) Fallen limbs of *Querc:*
alba.

- contortum, B. & C.—Up. Wood of Cornus.
 caliciiforme, Fr.—Mid. (Schw.) Oak trunks.
 Pinastri, Fr.—Up. Bark of Abies.
 pithyum, Fr.—Mid. (Schw.) Pine chips.
 concinnum, B. & C.—Common. Limbs of Sassafras, &c.
 Viburni, Fr.—Low. and Mid. Bark of Viburnum.
 turgidum, Fr.—Common. Exerescences of Oak limbs.
 Magnoliæ, B. & C.—Low. Bark of M. glauca.
 ? apertum, Schw.—Mid. (Schw.) Branchlets of Hy-
 drangea.
 ferruginosum, Fr.—Mid. Oak bark.
 Cephalanthi, Fr.—Common. Bark of C. occidentalis.
 Juglandis, B. & C.—Up. Bark of Walnut.
 quercinum, Fr.—Mid. (Schw.) Oak limbs.
GLONIUM stellatum, Muhl.—Mid. & Up. On stumps.
DICHLÆNA faginea, Fr.—Common. Beech bark.
 strumosa, Fr.—Common. Living Oak limbs.
RHYTISMA Asteris, Schw.—Mid. and Up. Living leaves of Aster.
 Solidaginis, Schw.—Mid. and Up. Living leaves of
 Solidago.
 Vitis, Schw.—Mid. Living leaves of Vitis.
 acerinum, Fr.—Common. Living leaves of A. rubrum.
 decolorans, Fr.—Common. Living leaves of Androm.
 ligustrina.
 Vaccinii, Fr.—Common. Living leaves of Vaccinia.
 Prini, Fr.—Mid. (Schw.) Living leaves of P. verticil-
 latus.
 Ilicincola, Fr.—Common. Living leaves of I. prinoides.
 velatum, Fr.—Mid. (Schw.) Living leaves of I. prinoides.
 punctatum, Fr.—Mid. (Schw.) Living leaves of Acer
 saccharinum.
 salicinum, Fr.—Low. Living leaves of Azalea.
 Curtisii, B. & R.—Low. and Mid. Living leaves of Ilex
 opaca.
 Cacti, Schw.—Mid. (Schw.) On rotting Opuntia.
 ? adglutinatum, Schw.—Common. Living branches.
PHACIDIUM dentatum, Schmidt.—Low. Dead Oak leaves.
 elegans, B. & C.—Low. Sheaths and stipules of Pine.
 coronatum, Fr.—Mid. (Schw.) Oak leaves.

- HYSTERIUM** pulicare, Pers.—Common. Bark and old wood.
 elongatum, Wahl.—Common. Dry wood.
 tortile, Schw.—Mid. (Schw.) Bark of Cedar.
 varium, Grev.—Low. Bark of Liquidambar.
 hiascens, B. & C.—Mid. and Up. Trunks of *Quercus*.
 Castaneæ, Schw.—Mid. (Schw.) Chestnut wood.
 lineare, Fr.—Common. On old wood.
 ellipticum, Fr.—Mid. (Schw.) On bark.
 prælongum, Schw.—Mid. (Schw.) Carious wood.
 betulignum, Schw.—Mid. Bark of Birch.
 teres, Schw.—Mid. (Schw.) Wood of *Rhododendron*.
 insidens, Schw.—Mid. (Schw.) On dried wood.
 rufulum, Fr.—Common. Bark of *Rhus*, *Melia*, &c.
 chlorinum, B. & C.—Low. Limbs of *Cyrilla*.
 depressum, B. & C.—Up. Dry wood.
 elatinum, Fr.—Mid. (Schw.) Dry wood.
 flexuosum, Schw.—Common. Various branches.
 Fraxini, Pers.—Low. Limbs of Ash.
 Vaccinii, Schw.—Mid. (Schw.) Branches of *V. frondosum*.
 Azaleæ, Schw.—Mid. (Schw.) Bark of Azalea.
 Andromedæ, Schw.—Mid. Bark of *A. axillaris*.
 Kalmiæ, Schw.—Mid. (Schw.) Wood of *K. latifolia*.
 Smilacis, Schw.—Common. On Bamboo.
 Rubi, Pers.—Common. Blackberry stems.
 Pinastri, Schrad.—Common. Pine leaves.
 commune, Fr.—Common. Dead stems.
 plantarum, Schw.—Mid. (Schw.) On *Monotropa*.
 variegatum, B. & C.—Low. and Mid. Petioles and
 nerves of Oak leaves.
 arundinaceum, Schrad.—Mid. (Schw.) Culm of Reed.
 maculare, Fr.—Low. Oak leaves.
 foliicolum, Fr.—Low. and Mid. Leaves of Oak and
 Andromeda.
 petiolare, A. & S.—Mid. On petioles.
LABRELLA Pomi, Mont.—Common. Skin of Apples.
CORDYCEPS militaris, (Ehrh.)—Common. On chrysalids.
 entomorrhiza, (Dicks.)—Common. On dead larvæ.
 Gryllotalpæ—M. A. C.—Low. On buried Sand-moles.

Carolinensis, B. & R.—Low. On chrysalids.

Ophioglossoides, (Ehrh.)—Mid. Earth in woods.

capitata, (Holmsk.)—Low. On *Elaphomyces*.

alutacea, (Pers.)—Mid. (Schw.) Earth.

armeniaca, B. & C.—Low. Bird excrement in wet ground.

mucronata, (Schw.)—Mid. (Schw.) Trunk of *Liriodendron*.

Isarioides, M. A. C.—Mid. On dead moths.

XYLARIA *polymorpha*, (Pers.)—Mid. Rotten stumps and wood.

corniformis, Fr.—Low. and Mid. Putrescent sticks.

digitata, (Ehrh.)—Mid. Base of trunks.

Hypoxylon, (Ehrh.)—Common. Bark and wood.

Cornu-damæ, (Schw.)—Low. Rotten logs.

persicaria, (Schw.)—Low. & Mid. Buried Peach-stones.

carpophila, (Pers.)—Low. and Mid. Dead burs of *Liquidambar*.

fliformis, (A. & S.)—Low. Rotting leaves and petioles.

RHIZOMORPHA *subcorticalis*, Pers.—Common. Between bark and wood of logs.

PORONIA *candida*, Schw.—Mid. (Schw.) Limbs of *Fraxinus*.

HYPOCREA *tomentosa*, Fr.—Low. On *Lactarius*.

lateritia, Fr.—Mid. On *L. Indigo*.

Lactifluorum, (Schw.)—Common. On *Lactarius*.

hyalina, (Schw.)—Mid. (Schw.) On *Russula*.

luteo-virens, Fr.—Mid. (Schw.) On *Agarics*.

citrina, (Pers.)—Common. Bark, wood, &c.

rosea, (Pers.)—Mid. (Schw.) On roots of trees.

gelatinosa, (Tode.)—Common. On wood, &c.

chlorospora, B. & C.—Mts. Putrid wood.

Stereorum, (Schw.)—Mid. On *Polyporus Curtisii*.

rufa, (Pers.)—Common. Wood, &c.

tuberiformis, B. & R.—Low. Culms of *Arundinaria*.

subviridis, B. & C.—Low. Dead grass leaves.

atramentaria, B. & C.—Low. Living leaves of *Eragrost* :

hirsuta.

HYPOXYLON *ustulatum*, Bull.—Common. Trunks and stumps.

Tubulina, (A. & S.)—Mid. (Schw.) Trunk of Walnut.

- nummularium*, Bull.—Common. Bark of *Acer*, *Platanus*, &c.
punctulatum, B. & R.—Low. Bark of dead Oaks.
Clypeus, (Schw.)—Low. & Mid. Bark of *Quercus nigra*.
mesodes, B. & C.—Low. Fallen limbs.
concentricum, (Bolt.)—Common. Trunks & stumps.
vernicosum, (Schw.)—Common. Wood and bark
rubricosum, Fr.—Low. On bark.
xanthocreas, B. & C.—Low. On *Alnus*.
multiforme, Fr.—Common. Wood and bark.
annulatum, (Schw.)—Common. On bark.
decorticatum, (Schw.)—Low. Bark of *Sassafras*.
epiphæum, B. & C.—Low. Sticks of *Magnol. glauca*
cohærens, (Pers.)—Mid. and Up. Bark of trunks.
notatum, B. & C.—Low. Fallen Oak limbs.
fuscum, (Pers.)—Common. Dead limbs.
fragiforme, (Pers.)—Mid. and Up. On bark.
rubiginosum, (Pers.)—Mid. Carious wood.
perforatum, (Schw.)—Common. Bark and wood.
illitum, (Schw.)—Mid. (Schw.) Wood of *Cornus*, &c.
serpens, (Pers.)—Common. Carious wood.
leucocreas, B. & R.—Low. Carious wood.
colliculosum, (Schw.)—Mid. (Schw.) Oak trunks.
coprophilum, Fr.—Common. On cow dung.
udum, Fr.—Mid. (Schw.) Oak limbs.
Sassafras, (Schw.)—Common. Bark of *Sassafras*.
atramentosum, (Fr.)—Mid. (Schw.) Old wood.
afflatum, (Schw.)—Mid. (Schw.) Dry wood.
exaratum, (Schw.)—Mid. (Schw.) Limbs of *Carya*.
fuscopurpureum, (Schw.)—Mid. (Schw.) Wood and
bark.
gregale, (Schw.)—Mid. (Schw.) Putrid wood.
investiens, (Schw.)—Low. and Mid. On Wood.
DIATRYPE *rigens*, (Fr.)—Mid. (Schw.) On wood.
contorta, (Schw.)—Common. On bark.
microplaca, B. & C.—Low. Limbs of *Benzoin*.
stigma, Fr.—Common. Bark and wood.
platystoma, (Schw.)—Mid. On bark.
atropunctata, (Schw.)—Common. Dead trunks.

- disciformis, Fr.—Mid.—Bark of Alder.
 Robiniæ, (Schw.)—Mid. (Schw.) Bark of Locust.
 virescens, (Schw.)—Common. Limbs of Fagus.
 Duriæi, Mont.—Low. Fallen limbs.
 asterostoma, B. & C.—Low. Fallen limbs.
 favacea, Fr.—Mid. (Schw.) Birch wood.
 Smilacicola, (Schw.)—Low. and Mid. On Smilax.
 verrucæformis, Fr.—Common. On dead limbs.
 subfulva, B. & C.—Low. Dead limbs of Nyssa.
 obesa, B. & C.—Common. Bark of Rhus, &c.
 discincola, (Schw.)—Mid. (Schw.) Disc of stump of
 Malus.
 discreta, (Schw.)—Low. and Mid. Bark of Malus.
 Ribesia, (Schw.)—Mid. (Schw.) On R. rubrum.
 friabilis, (Pers.)—Mid. (Schw.) Bark of Ilex pri-
 noides, &c.
 quercina, Fr.—Mid. (Schw.) Oak limbs.
 Hystrix, Fr.—Mid. (Schw.) On Maple.
 strumella, Fr.—Mts. On Grossularia.
 insitiva, Fr.—Mid. (Schw.) On Vitis.
 innata, B. & C.—Mts. Branches of Castanea.
 leioplaca, Fr.—Low. Branches of Cyrilla.
 lata, Fr.—Common. Bark and Dry wood.
 Polynesia, B. & C.—Mts. Dry wood of trunks.
 Diospyri, (Schw.)—Mid. (Schw.) Bark of Persimmon.
 Viticola, (Schw.)—Low. and Mid. On Vitis.
 æquilinearis, (Schw.)—Mid. (Schw.) Limbs of Ber-
 beris.
 fimeti, (Pers.—Mid. (Schw.) On manure.

TORSELLIA Sacculus, (Schw.)—Mid. (Schw.) Bark of Tecoma.

VALSA (I. CIRCUMSCRIPTÆ.)

- prunastri, Fr.—Mid. (Schw.) On Prunus serotina.
 plagia, B. & C.—Low. Fallen limbs of Liriodendron.
 gastrina, Fr.—Up. Oak limbs.
 stellulata, Fr.—Common. Bark of limbs.
 Bignoniæ, (Schw.)—Mid. (Schw.) Bark of Tecoma.
 scoparia, (Schw.)—Mid. (Schw.) Bark of Walnut.
 enteroleuca, Fr.—Mid. Bark of Robinia limbs.

syngenesia, Fr.—Mid. (Schw.) On *Rubus strigosus*.
 pugillus, (Schw.)—Mid. (Schw.) Wood of *Maple*.
 corniculata, (Ehrh.)—Low. and Mid. Bark of *Ash*, &c.
 haustellata, (Fr.)—Low. Bark of *Oak*, *Alder*, &c.
 fibrosa, Fr.—Mts. Branches of *Alnus*?
 Leaiana, (Berk.)—Mid. (Schw.) In *Carpinus*.
 frustum-coni, (Schw.)—Mid. Roots of *Oak*.

(II. INCUSÆ.)

nivea, Fr.—Mid. (Schw.) Bark of *Apple tree*.
 leucostoma, Fr.—Common. Bark of *Prunus* and *Persica*.
 scutellata, (Pers.)—Mid. (Schw.) On *Prunus* and *Cornus*.
 taleola, Fr.—Low. *Oak limbs*.
 angulata, Fr.—Mid. *Holly limbs*.
 tessella, Fr.—Mid. (Schw.) *Willow limbs*.

(III. OBVALLATÆ.)

ciliata, Fr.—Mid. (Schw.) Bark of *Elm*.
 coronata, Fr.—Mid. and Up. On *Castanea* and *Bignonia*
 branches.
 Notarisii, Mont.—Mid. Branches of *Gleditschia*.
 decorticans, Fr.—Low. Bark of *Kerria Japonica*.
 Liquidambaris, (Schw.)—Mid. (Schw.) Young limbs of
Sweet Gum.
 leiphæmia, Fr.—Low. and Mid. Branches of *Oak*.
 turgida, Fr.—Mid. (Schw.) Branches of *Liriodendron*.
 subscripta, Fr.—Low. Branches of *Melia*.
 salicina, Fr.—Mid. Branches of *Willow*.
 pusio, B. & C.—Low. Branches of *Morus multicaulis*.
 Vitis, (Schw.)—Common. Bark of *Grape vines*.
 capsularis, (Pers.)—Mts. (Schw.) Bark of *Ampelopsis*.
 stilbostoma, Fr.—Common. Various branches.
 tubulosa, B. & C.—Low. Branches of *Alnus*.
 Americana, B. & C.—Common. On various branches.
 goniostoma, (Schw.)—Common. On various branches.
 ambiens, Fr.—Common. On various branches.

(IV. CIRCINATÆ.)

pulchella, Fr.—Common. Bark of *Cherry*, *Oak*, &c.
 quaternata, Fr.—Common. Bark of *Acer*, &c.

- præstans*, B. & C.—Mid. Branches of *Nyssa*.
umblicata, (Pers.)—Mid. (Schw.) Branches of *Lonicera sempervirens*.
condensata, B. & C.—Mts. Branches of *Querc: montana*.
castanophila, B. & C.—Mts. Branches of *Castanea*.
acclinis, Fr.—Mid. (Schw.) Branches of *Sassafras*.
rufescens, (Schw.)—Common. Branches of *Rhus*.
divergens, (Schw.)—Mid. (Schw.) Fallen limbs of *Liquidambar*.

- MELOGRAMMA** *Quercuum*, Fr.—Common. Limbs of Oaks.
campylosporum, Fr.—Mid. (Schw.) Trunks of *Acer Castaneæ*, (Schw.)—Mid. (Schw.) Bark of Chestnut.
gyrosum, (Schw.)—Com. Bark of Oak, Beech, &c.
Calycanthi, (Schw.)—Low. and Mid. Bark of Sweet Shrub.
Gleditschiæ, (Schw.)—Mid. Limbs of Honey Locust.
rhizogena, (Berk.)—Low. and Mid. Bark of *H. Syriacus*.
Hibisci, (Schw.)—Low. Bark of *H. Syriacus*.
Araliæ, M. A. C.—Mid. Bark of *A. spinosa*.
Phoradendri, B. & C.—Low. Dead branches of *P. flavescens*.
ambiguum, (Schw.)—Common. Dead branches of *Rhus*.
Meliæ, (Schw.)—Low. and Mid. Dead branches of China Tree.
atrofusum, B. & C.—Mts. Dead branches of *Rhus glabrum*.
Persimmons, (Schw.)—Mid. (Schw.) Dead branches of *Diospyrus*.
- NECTRIA** *cinnabarina*, Fr.—Common. Dead branches of various trees.
dematiosa, (Schw.)—Low. and Mid. Dead branches of *Morus rubra*.
coccinea, Fr.—Common. Dead branches of various trees.
Cucurbitula, Fr.—Low. and Mid. Dead branches of *Prunus*, *Melia*, &c.
diploa, B. & C.—Low. Dead branches of *Alnus*, &c.
perpusilla, B. & C.—Low. Stem of *Lycopersicum*, &c.

Curtisii, Berk.—Low. Dead stalk of *Zea*.
muscihora, Berk.—Low. On *Jungermanniæ* upon trunks.
polythalamia, B. & R.—Common. Bark of *Fraxinus*, &c.
Peziza, Fr.—Common. Bark and wood.
sanguinea, Fr.—Common. Wood and *Sphæriæ*.
episphæria, Fr.—Common. On *Hypoxyla*.
ochroleuca, (Schw.)—Mid. (Schw.) Various trees.
molliuscula, (Schw.)—Mid. (Schw.) Carious wood.
ordinata, (D. C. ?)—Mid. (Schw.) Carious wood.
aurantia, Fr.—Low. and Mid. On bark and *Polyporus*.
rosella, Fr.—Mid. (Schw.) Earth under putrid logs.
Tegillum, B. & C.—Low. Underside of Pine wood.
?pannosa, (Schw.)—Mid. (Schw.) Under rotten log.

SPHÆRIA (I. SUPERFICIALES.)

a. *Byssisedæ*.

aquila, Fr.—Common. Dejected limbs in woods.
Corticium, Schw.—Common. Bark of Oak and Chestnut.
byssiseda, Tode.—Mid. (Schw.) Branches of trees.
subiculata, Schw.—Common. Carious wood.
xestothele, B. & C.—Low. Limbs of *Cornus florida*.
culcitella, B. & R.—Low. Bark and wood of *Quercus*.
confertula, Schw.—Common. Bark of *Fraxinus*, *Laurus*,
 &c.
callista, B. & C.—Common. Bark of *Carpinus*, &c.
parietalis, B. & C.—Low. Within hollow Oak trunk.
Pezizula, B. & C.—Low. & Mid. Bark of *Liquidambar*, &c.
lanuginosa, B. & C.—Low. Naked limbs of *Robinia*.
rhodomphala, Berk.—Common. On wood.
Collinsii, Schw.—Mid. Leaves of *Mespilus*, &c.
cinerea, Pers.—Mid. (Schw.) Cow dung.
phæostroma, Mont.—Mid. (Schw.) Limbs and sticks.
rhodomela, Fr.—Mid. (Schw.) Old wood.

b. *Villosæ*.

ovina, Pers.—Mid. (Schw.) Dry wood.
nudicollis, B. & C.—Low. Putrescent Pine trunk.
mutabilis, Pers.—Mid. Bark of *Cerasus*.
canescens, Pers.—Low. Dry wood.
ciria, B. & C.—Low. On *Diatrype stigma*.

strigosa, A. & S.—Low. & Mid. Dry wood of *Kalmia*, &c.
Racodium, Pers.—Low. & Mid. Bark of *Liquidambar*, &c.
crinita, Pers.—Mid. (Schw.) Carious wood of *Beech*, &c.
araneosa, Pers?—Mid. (Schw.) Dry wood.
lignaria, Grev.—Common. Dry wood.
agminalis, B. & C.—Low. and Up. Dry Pine wood.
vermicularia, Nees.—Low. Dry Pine wood.
phæosticta, Berk.—Low. Leaves & sheaths of *Andropogon*.
exilis, A. & S.—Low. Bark of *Cornus florida*.
pilosa, Pers.—Low. Pine wood.
orthotricha, B. & C.—Low. Within hollow *Nyssa*.
squamulata, Schw.—Mid. (Schw.) Carious wood.
terebrata, B. & C.—Low. Wood of fallen Oak limbs.
flavido-compta, B. & C.—Low. Wood of *Cyrilla*.

c. *Denudatæ*.

seriata, Pers.—Mid. (Schw.) In cracks of wood.
pomiformis, Pers.—Low. Culms of *Arundinaria*.
mammæformis, Pers.—Low. and Mid. Fallen limbs of
 Oak, *Beech*, &c.
rhodospila, B. & C.—Low. Dry wood of *Cyrilla*.
moriformis, Tode.—Common. * Old wood.
pulvis-pyrius, Pers.—Low. and Mid. Oak limbs.
spermoides, Hoffm.—Mid. (Schw.) On wood.
multifera, B. & R.—Mid. (Schw.) On manure.
millegrana, Schw.—Low. & Mid. Dry^g wood and bark.
epimelæna, B. & C.—Low. Carious Pine wood.
myriocarpa, Fr.—Common. Dry wood.
ootheca, B. & C.—Low. and Mid. Carious wood.
notha, Schw.—Mid. (Schw.) On cut wood.
disseminata, B. & C.—Low. Old wood of *Liquidambar*.

d. *Pertusæ*.

lecythea, Schw.—Mid. (Schw.) Carious wood.
mobilis, Tode.—Mid. (Schw.) Oak limbs.
Curtisii, B.—Low. Decayed nuts of *Carya*.
Putatinum, Schw.—Low. and Mid. Old Peach stones.
psoriella, B. & C.—Low. Bark on trunks of *Platanus*.
papilla, Schw.—Low. and Mid. Fallen bark and wood.
mycophila, Fr.—Low. On *Polyporus Curtisii*.

porothesia, B. & C.—Low. On hymenium of Stereum.
kalospora, B. & C.—Low. Denuded limbs of Fraxinus?
mastoidea, Fr.—Low. and Mid. Limbs of Fraxinus, &c.
seminuda, Pers.—Mid. (Schw.) Wood and bark.
ulmaticolor, B. & C.—Low. Decorticated sticks.
Cyrillæcola, B. & C.—Low. Carious wood of Cyrilla.
porphyrostoma, Kze?—Mid. (Schw.) On wood.
latericolla, D. C.—Low. Denuded sticks.
pertusa, Pers.—Low. and Mid. Old wood.
caryophaga, Schw.—Low. Old nuts of Carya.
Pericarpiccola, B. & C.—Low. Pericarp of Hickory nuts.
sporœdema, B. & C.—Low. Dead wood of Acer.
fissurarum, B. & C.—Low. In chinks of Pine wood.
Aethiops, B. & C.—Up. Dry wood.

(II. ERUMPENTES.)

e. Cæspitosæ.

Ribis, Tode.—Mid. (Schw.) Branches of *R. rubrum*.
acervata, Fr.—Mid. (Schw.) On Oak.
Berberidis, Pers.—Mid. On Barberry.
varia, Pers.—Mid. (Schw.) Limbs of *Cerasus*.
subcongregata, B. & C.—Common. Bark of *Morus*, *Liquidambar*, &c.
nobilis, B. & C.—Up. Branchlets of *Tilia glabra*.
morbosea, Schw.—Common. Limbs of Plum and Cherry.
Perisporioides, B. & C.—Common. Living leaves of
Rhynchosia, &c.
pulcaris, Fr.—Low. and Mid. Branches and stems.
Saubineti, Mont.—Low. and Mid. On culms of *Zea*.
Hyperici, Schw.—Low. On *H. fruticosum*.

f. Obturatæ.

elongata, Fr.—Common. Limbs of *Robinia*, &c.
mutila, Fr.—Common. Bark of dead limbs.
insidens, Schw.—Mid. (Schw.) Wood and bark.
Virginica, B. & C.—Mid. and Up. Wood of *Castanea*, &c.
abrupta, B. & C.—Low. Dead root of *Cyrilla*?
Ennotea, B. & C.—Mid. Dead *Hedera*.
conostoma, B. & C.—Low. Limbs of *Persica*.
effusa, B. & C.—Low. Wood of *Quercus alba*.

- fissa*, Pers.—Mid. (Schw.) On *Rosa*.
mucosa, Pers.—Mid. (Schw.) On *Cucurbita*.
Cupressi, B. & C.—Low. Limbs of *C. thyoides*.
Opuli, B. & C.—Low. Limbs of *V. Opulus*.
Sclerotium, Schw.—Mid. (Schw.) Limbs of *Hydrangea*. ?
Lonicerae, Sow. ?—Mid. Branches of *Lonicera sempervirens*.
Clasterium, B. & C.—Mts. Branches of *Spiræa opulifolia*.
orthospora, B. & C.—Mts. Branches of *Sambucus Canadensis*.
Tecomatis, B. & C.—Low. Branches of *Tecoma radicans*.
semitecta, B. & C.—Mts. Branches of *Platanus*.
strobilina, Holl. & Sm.—Low. Old Pine cones.
Pteridicola, B. & C.—Low. Stipes of *P. aquilina*.
Zaeae, Schw.—Low. and Mid. On old corn stalks.
eumorpha, B. & C.—Low. Culms of *Arundinaria*.
apiospora, Mont.—Low. and Mid. Culms of *Arundinaria*.
arundinacea, Sow.—Low. Stems of *Arundo*.
longissima, Pers.—Common. On stems of herbs.
Anethi, Pers.—Mid. (Schw.) On stems of herbs.
nebulosa, Pers.—Common. On stems of herbs.
picea, Pers.—Mid. (Schw.) On stems of herbs.
- g. *Confertæ*.
- Graminis*, Pers.—Common. Grass leaves.
Scirporum, Schw.—Mid. (Schw.) Leaves of *S. Americanus*.
ulmea, Schw.—Common. Leaves of *U. Americana*.
Peltigeræ, Mont.—Up. On *Parmelia*.
Lespedezæ, Schw.—Mid. and Up. Leaves of *Lespedeza*.
Yuccæ, Schw.—Low. (Schw.) Leaves of *Y. gloriosa*.
- h. *Lophiostomæ*.
- angustata*, Pers.—Mid. On hard wood.
pileata, Tode.—Mid. (Schw.) Carious wood of *Liquidambar*.
excipuliformis, Fr.—Mid. (Schw.) Limbs of *Negundo*.
compressa, Pers. ?—Mid. Roots of *Quercus*.
hysterioides, Schw.—Up. Wood of *Tilia*.
Arundinis, Fr.—Low. Culm of *Arundinaria*.
- i. *Ceratostomæ*.
- pilifera*, Fr.—Low. and Mid. Dry Pine wood.

- rostrata, Fr.—Low. Carious wood and bark.
 Sphærincola, Schw.—Mid. (Schw.) On Hypoxylon Clypeus.
 stricta, Pers.—Mid. (Schw.) Wood of Robinia, &c.
 cirrhosa, Pers.—Mid. (Schw.) Putrid wood.
 mucronata, Marke.—Mid. (Schw.) On wood.
 brevirostris, Fr.—Low. On soft wood.
 assecla, Schw.—Mid. Bark of Liriodendron, &c.

(III. SUBTECTÆ.)

k. Immersæ.

- spinosa, Pers.—Mid. and Up. On wood.
 limæformis, Schw.—Mid. Bark of Oak and Chestnut.
 tuberculosa, Schw.—Mid. (Schw.) Carious wood of Betula.
 fimeti, Pers.—Mid. On manure.
 livida, Fr.—Mid. and Up. Dry wood.
 rhodoglossa, B. & C.—Mid. Branchlets of Negundo.
 rhodina, B. & C.—Low. Branchlets of Rosa.
 obtecta, Schw.—Mid. (Schw.) Branches of shrubs.
 sepelita, B. & C.—Low. Stem of Smilax laurifolia.
 peliospora, B. & C.—Mts. On Acer spicatum,
 disrupta, B. & C.—Low. Stem of Smilax.
 flavitecta, B. & C.—Low. Branches of Kerria Japonica.
 citrispora, B. & C.—Mts. Branches of Tilia glabra.
 Tiliæ, Pers.—Mid. (Schw.) Branches of Tilia, &c.
 sæpincola, Fr.—Up. On Spiræa opulifolia.
 clypeolus, M. A. C.—Mid. Branches of Fraxinus.
 olivæspora, B. & C.—Low. Branchlets of Cornus florida.
 subclypeata, B. & C.—Mid. (Schw.) On bark of Rosa and Rubus.
 fuscilla, B. & Br.—Up. and Mid. On bark of Rosa.
 velata, Pers.—Mid. (Schw.) On limbs of Tilia.
 Dioscoreæ, B. & C.—Low. Dead stems of Dioscorea.
 epidermidis, Fr.—Low. Limbs of Persica.
 aculeata, Schw.—Common. Stems of herbs.
 combulliens, B. & C.—Low. Stems of Arundinaria.
 incarcerata, B. & C.—Low. Stems of Spartina glabra.
 Cacti, Schw.—Mid. (Schw.) On dead Opuntia.
 nigro-annulata, B. & C.—Low. Leaves of Yucca aloifolia.

Ilicis, Schleich.—Common. Leaves of *I. opaca*.
Pustula, Pers.—Mid. (Schw.) Leaves of *Juglans*.
Pseudo-pustula, B. & C.—Low. Fallen leaves of *Nyssa*
 mult:
Kalmiarum, Schw.—Mid. Dead leaves of *Kalmia*.
sparsa, B. & C.—Mid. Fallen leaves.
Andromedarum, Schw.—Mid (Schw.) Dead leaves of *A.*
axillaris.
argyrostoma, Berk.—Low. and Mid. Leaves of *Yucca*
filamentosa.

1. *Obtectæ*.

pruinosa, Fr.—Mid. and Up. Limbs of *Fraxinus*.
salicella, Fr.—Up. Limbs of *Cornus sericca*.
sarcocystis, B. & C.—Mid. Dead stems of *Cerealia*.
rubella, Pers.—Low. and Mid. Dead stems of herbs and
 grasses.
rubicunda, Schw.—Mid. (Schw.) Dead stems of *Sola-*
num, &c.
acuminata, Sow.—Up. and Mid.—Dead stems of Herbs.
complanata, Tode.—Mid. and Up. Dead stems of Herbs.
coniformis, Fr.—Mid. and Up. Dead stems and herbs.
doliolum, Pers.—Common. Dead stems and herbs.
ceratispora, B. & C.—Low. Dead stems and herbs.
nigrella, Fr.—Mid. Dead stems of *Ambrosia trifida*.
herbarum, Fr.—Common. Dead stems of herbs and grasses.
Verbascicola, Schw.—Low. and Mid. Dead stems of *V.*
Thapsus.
ampliata, Schw.—Mid. (Schw.) Dead stems of *Umbel-*
liferæ.
Ogilviensis, Berk. ?—Up. Dead stems of *Cimicifuga*, &c.
Plantaginis, B. & C.—Mid. Calyx and rachis of *P. major*.
Oenotheræ, B. & C.—Low. Dead stem of *O. sinuata*.
umbrinella, B. & C.—Low. Base of stem of *Eupator*:
 cornop:
stictostoma, B. & C.—Up. Stem of *Eupatorium*.
Scorodoniæ, B. & C.—Low. Stem of *Allium* in gardens.
mecedema, B. & C.—Low. Stem of *Cirsium* and *Eupa-*
torium.
incommiscibilis, B. & C.—Up. Stem of dead herb.

m. Follicolæ.

Sarraceniæ, Schw.—Low. and Mid. Leaves of *Sarracenia tubæformis*, Tode.—Mid. (Schw.) Leaves of Elm and Tulip Tree.

Gnomon, Tode.—Mid. (Schw.) Leaves of Chinquapin. setacea, Pers.—Mid. (Schw.) Leaves of Birch.

Solani, Pers.—Mid. (Schw.) Tubers of *Solanum*.

petiolorum, Schw.—Low. and Mid. Petioles of *Liquidambar*, &c.

pyramidalis, Schw.—Mid. (Schw.) On leaves.

Potentillæ, Schw.—Mid. and Up. Leaves of *P. Canadensis*.

Solidaginum, Schw.—Mid. Leaves of *Solidago*.

myriadea, D. C.—Common. Leaves of Oaks, &c.

maculæformis, Pers.—Common. Various leaves.

punctiformis, Pers.—Common. Various leaves.

Magnoliæ, Schw.—Low. Leaves of *M. glauca*.

fructuosa, B. & C.—Low. Leaves of *Magnol: grandifl:*

Andromedæ, Schw.—Low. and Mid. Leaves of *A. coriacea*, &c.

Carectorum, B. & C.—Low. Leaves of *Carex xanthophysa*.

MASSARIA crustata, Fr.—Mid. (Schw.) On limbs.

obesa, B. & C.—Low. Fallen limbs of *Acer* and *Quercus*.

atroinquinans, B. & C.—Low. Fallen limbs of *Platanus*.

?excussa, (Schw.)—Mid. (Schw.) On limbs.

epileuca, B. & C.—Low. and Mid. Limbs of *Morus rubra*.

seiridia, B. & C.—Mts. Limbs of *Robinia*.

vomitoria, B. & C.—Low. and Mid. Limbs of *Acer*.

circumscissa, (Pers.)—Mid. (Schw.) On *Platanus*.

DEPAZEA Smilacicola, Schw.—Common. Leaves of *Smilax*.

Kalmicola, Schw.—Mid. and Up. Leaves of *K. latifolia*.

Hederæcola, Fr.—Mid. Leaves of *H. Helix*.

Tulipiferæ, Schw.—Low. Leaves of Tulip Tree.

brunnea, B. & C.—Low. Living leaves of *Acer*.

cruenta, Fr.—Mid. and Up. Dying leaves of *Convallaria*.

Carpinicola, Fr.—Mid. (Schw.) Leaves of Hornbeam.

DOTHIDEA.—a. Denudatæ.

Glumarum, B. & C.—Mid. Fallen heads of Wheat.

b. Erumpentes.

Ribesia, Fr.—Mid. (Schw.) On Ribes.

Sambuci, Fr.—Mid. (Schw.) On Elder.

sphærioides, Fr.—Mid. (Schw.) On Populus Italica.

Capreolatæ, Schw.—Low. and Mid. Branches of Bignonia.

Rhuina, Schw.—Mid. (Schw.) Young branches of R. radicans.

c. Xyloma.

typhina, Fr.—Low. and Mid. Culms of living Grass.

rubra, Fr.—Mid. (Schw.) Leaves of Prunus.

flabella, B. & C.—Low. Fronds of Pteris aquilina.

Heliopsisidis, Schw.—Mid. (Schw.) Stem and branches of H. lævis.

Eupatorii, B. & C.—Mid. Stem of E. coronopifolia.

Smilacis, B. & C.—Up. Branches of Smilax.

asteromorpha, Schw.—Mid. (Schw.) Living leaves of Betula.

Brachystemonis, Schw.—Mid. (Schw.) Living leaves of Pycnanthemum.

culmicola, Schw.—Mid. (Schw.) Fallen stems of Grass.

exasperans, Schw.—Mid. (Schw.) Leaves and petioles of herbs.

Catalpæ, B. & C.—Low. Fallen leaves of Catalpa.

Ambrosiæ, B. & C.—Low. Living leaves of A. artemesiæf:

orbicularis, B. & C.—Low. Living leaves of Gentiana

Saponaria. ~~fr.~~

Anemones, Fr.—Mid. Living leaves of A. Virginica.

alnea, Fr.—Low. and Mid. Leaves of Alnus.

PERISPORIUM fimeti, B. & C.—Low. Rabbit excrements.

Caladii, Schw.—Mid. (Schw.) On Peltandra.

ERYSIPHE communis, Schlecht.—Common. Living leaves.

horridula, Lev.—Low. Living leaves of Xanthium.

Martii, Lev.—Up. Living leaves of Eupator. ageratoides.

Gerardiæ, Schw.—Mid. (Schw.) Living leaves of G. quercifolia.

MICROSPHÆRA penicillata, Lev.—Common. Living leaves.

- Ravenelii, B. & C.—Common. Living leaves of Gleditschia.
- semitorta, B. & C.—Low. Living leaves of Cephalanthus.
- Friesii, Lev.—Low. Living leaves of Syringa vulgaris.
- Hedwigii, Lev.—Low. Living leaves of Quercus aquatica.
- PHYLLACTINIA guttata, Lev.—Common. Living leaves of Alnus, &c.
- PODOSPHERIA Kunzei, Lev.—Mid. Leaves of Cerasus.
- UNCINULA adunca, Lev.—Common. Living leaves.
- polychæta, B. & C.—Mid. & Up. Living leaves of Celtis.
- CHÆTOMIUM elatum, Kze.—Low. & Mid. Putrescent grass stems.
- chartarum, Ehrb.—Low. On wet paper.
- MELIOLA amphitricha, Fr.—Common. Leaves and twigs.
- ASTERINA spuria, B. & C.—Low. Leaves and stem of Hyptis.
- Erysiphoides, B. & C.—Low. Leaves of Nyssa multiflora.
- exasperans, B. & C.—Mid. (Schw.) Leaves of Kalmia latifolia.
- orbicularis, B. & C.—Low. and Mid. Leaves of Ilex and Prinos.
- SCORIAS spongiosa, Fr.—Common. Leaves and limbs of Fagus and Alnus.
- CAPNODIUM elongatum, B. & D.—Low. and Mid. On various leaves.
- Carolinense, B. & D.—Low. Fallen leaves of Post Oak.
- ONYGENA equina, Pers.—Mid. (Schw.) Old horns and hoofs.
- faginea, Fr.—Common. Dead bark of Beech.

VI. PHYSOMYCETES.

- MUCOR flavidus**, Pers.—Mid. (Schw.) On Agarics.
Mucedo, L.—Low. and Mid. On putrescent matter.
caninus, Pers.—Mid. (Schw.) Excrement of Mice.
fusiger, Lk.—Low. On Agarics.
capitato-ramosus, Schw.—Low. On putrescent Boleti.
clavatus, Lk.—Low. On putrescent Cucurbita.
curtus, B. & C.—Low. On putrescent C. Melo.
HYDROPHORA tenella, Tode.—Mid. (Schw.) On sticks.
 murina, Fr.—Mid. (Schw.) On squirrel excrements.
 Fimbria, Fr.—Mid. (Schw.) On Sphæriæ.
PHYCOMYCES nitens, Kze.—Low. On dung in wet ground.
ASCOPHORA Mucedo, Tode.—Mid. On putrescent bodies.
 nucum, Cda.—Low. Putrescent Batatas tubers.
 chartarum, B. & C.—Low. On damp paper.
PILOBOLUS roridus, Pers.—Mid. (Schw.) Horse dung.
 crystallinus, Tode.—Low. Horse dung.
EUROTIIUM herbariorum, Lk.—Common. On dried plants.
AEGERITA candida, Pers.—Low. and Mid. Putrescent vegetation.
 cæsia, Pers.—Mid. (Schw.) On trunks.
 ovula, Schw.—Mid. (Schw.) Carious wood.
DICHOSPORIUM aggregatum, Nees.—Mid. (Schw.) Oak bark.

GENERA DUBIA.

- ECTOSTROMA Liriiodendri**, Fr.—Common. Leaves of Tulip Tree.
 Toxici, Schw.—Mid. (Schw.) Leaves of Poison vine.
 afflatum, Fr.—Mid. Leaves of Cimicifuga.
 Annonæ, Fr.—Mid. (Schw.) Leaves of Asimina.
ERINEUM fagineum, Pers.—Common. Leaves of Beech.
 acerinum, Pers.—Common. Leaves of Maple.
 luteolum, Kze.—Low. and Mid. Leaves of Maple.

- roseum, Schulz.—Mid. (Schw.) Leaves of Birch.
 Vitis, D. C.—Low. and Mid. Leaves of Grape.
 Plicatum, D. C.—Low. Leaves of Scrub Oak.
 quercinum, Kze.—Mid. Leaves of Black Oak.
 Quercus-cinereæ, Schw.—Low. Leaves of Upland Willow
 Oak.
 Pyracanthæ, Lk.—Mts. Leaves of *Cratægus punctata*.
 Cyrillæ, B. & C.—Low. Leaves of *Cyrilla*.
 anomalum, Schw.—Low. Limbs and petioles of *Juglans*
 and *Carya*.
- SPERMOCEDIA** *Clavus*, Fr.—Low. On Grass seeds.
Paspali, Fr.—Low. and Mid. Seeds of *Paspalum*.
Tripsaci, M. A. C.—Mid. Seeds of *T. dactyloides*.
- PACHYMA** *Cocos*, Fr. (Tuckahoe).—Low. and Mid. Under ground.
- SCLEROTIUM** *complanatum*, Tode.—Mid. Putrescent leaves.
scutellatum, A. & S.—Mid. (Schw.) Leaves of *Juglans*.
Semen, Tode.—Low. and Mid. Leaves of *Iris*, &c.
Arundinariæ, B. & C.—Low. Leaves of *Arundinaria*.
vulgatum, Fr.—Mid. (Schw.) Putrescent vegetation.
Fungorum, Pers.—Low. On roots of Mosses.
Medicaginis, Fr.—Low. On buried radicles.
truncorum, Fr.—Low. Putrid wood.
Circeæ, Schum.—Mid. (Schw.) Leaves of *Circeæ*.
applanatum, Schw.—Mid. (Schw.) Limbs of *Castanea*.
cerebrinum, B. & C.—Low. Fallen limbs in wet
 ground.
Orobanches, Schw.—Mid. (Schw.) Root and stem of
O. Virginica.
varium, Pers.—Mid. Earth and old cabbage stalks.
nitidum, B. & C.—Low. Fallen rose petals.
pyrinum, Fr.—Low. On old dried Apples.
Malorum, Berk.—Low. On old dried Apples.
durum, Pers.—Mid. (Schw.) Stem of herbs.
Liliorum, Schw.—Mid. (Schw.) Stem of *Lilium*.
Pustilla, Fr.—Low. and Mid. Oak leaves.
populinum, Pers.—Mid. (Schw.) Poplar leaves.
- RHIZOCTONIA** *Muscorum*, Fr.—Mid. (Schw.) Roots of Mosses.
Himantia, Schw.—Mid. (Schw.) Lignous earth.
- OZONIUM** *auricomum*, Lk.—Common. Old logs.

CHARACEÆ.

- CHARA fragilis*, Desv.—Low. and Mid. Ponds and ditches.
Schweinitzii, A. Braun.—Mid. Still streams.

ALGÆ, OR SEA-WEEDS.

MELANOSPERMEÆ.

- SARGASSUM vulgare*, Ag.—In the Gulf Stream.
bacciferum, Ag.—In the Gulf Stream.
FUCUS vesiculosus, Linn. Sea coast. (*Rev. E. M. Forbes.*)
PADINA pavonia, Lamour.—Sea coast. (*Rev. E. M. Forbes.*)
ARTHROCLADIA villosa, Duby.—Mouth of the Cape Fear. (*Mrs. Pringleau.*)
CHORDA tomentaria, Lyngb.—Coast.
MESOGLOIA virescens, Carm.—Coast.
ECTOCARPUS siliculosus, Lyngb.—Coast.
viridis, Harv.—Coast.

RHODOSPERMEÆ.

- CHONDRIA dasyphylla*, Ag.—Coast.
POLYSIPHONIA variegata, Ag.—Coast.
BOSTRYCHIA rivularis, Harv.—Coast.
DASYA elegans, Ag.—Coast.
CHAMPIA parvula, Harv.—Coast.
ALSIDIUM Blodgettii, Harv.—Coast. (*Mr. Forbes.*)
DELESSERIA Leprieurii, Mont.—Coast.
NITOPHYLLUM punctatum, Grev.—Mouth of the Cape Fear. (*Mrs. Pringleau.*)
GRACILARIA multipartita, J. Ag.—Mouth of the Cape Fear.
GELIDIUM corneum, Lamourx.—Coast.
SOLIERIA chordalis, J. Ag.—Coast.

- HYPNEA musciformis, Lamourx.—Coast.
 SCINAI A furcellata, Biv.—Coast.
 CHONDRUS crispus, Lyngb. (Irish Moss.)—Ocean.
 CHYLOCLADIA Baileyana, Harv.—Coast.
 CERAMIUM rubrum, Ag.—Coast.
 diaphanum, Roth.—Coast.
 SPYRIDIA filamentosa, Harv.—Coast.
 GRIFFITHSIA corallina, Ag.?—Coast.
 CALLITHAMNION Turneri, Ag.—Coast.
 polyspermum, Ag.—Coast.
- CHLOROSPERMEAE.
- BRYOPSIS plumosa, Lamourx.—Coast.
 PORPHYRA vulgaris, Ag.—Coast.
 ENTEROMORPHA intestinalis, Lk.—Mouth of the Cape Fear.
 compressa, Grev.—Mouth of the Cape Fear. (*Mrs.*
 Prioleau.)
 ULVA latissima, Linn.—Coast.
 lactuca, Linn. (Green Laver.)—Coast.
 BATRACHOSPERMUM moniliforme, Roth.—Common in fresh water
 streams.
 TUOMEYA fluviatilis, Harv.—On stones in streams of Up. Dist.
 LEMANEA torulosa, Ag.—On stones in streams of Up. Dist.
 CHETOPHORA endivicefolia, Ag.—Sea coast.
 CLADOPHORA glaucescens, Griff.—Sea coast.
 refracta, Roth.—Sea coast.
 SCYTONEMA minutum, Ag.—On limbs of trees and old shingles.
 myochrous, Ag.—On rocks.
 ossicola, Berk. & Curt.—On old bones in woods.
 LYNGBYA majuscula, Harv.—Coast.
 OSCILLATORIA ———?—In fresh pools of water.
 NOSTOC commune, Ag.—Damp earth.
 PALMELLA prodigiosa, Mont. On cooked vegetables.
 PROTOCOCCUS viridis, Ag.—Bark of limbs.

SUMMARY.

FLOWERING PLANTS.

Exogenous,.....	1,362 species.	
Endogenous,.....	511	“
		• 1,873

FLOWERLESS PLANTS.

Equisetaceae,.....	1	
Filices,.....	37	
Lycopodiaceae,.....	9	
Hydropterides,.....	1	
Musci,.....	198	
Hepaticae,.....	69	
Lichenes,.....	217	
		532
Fungi—Hymenomycetes,....	935	
Gasteromycetes,....	150	
Coniomycetes,.....	341	
Hyphomycetes,.....	188	
Ascomycetes,.....	715	
Physomycetes,.....	21	
Doubtful Genera,....	42	
		2,392
Characeae,.....	2	
Algae,.....	50	
		52

		4,849
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Total species,.....

OMISSA.

- p. 81. *Agaricus* (Clitoc:) *ochropurpureus*, Berk.—Mid. In thin woods.
- p. 93. *Lactarius angustissimus*, Lasch.—Common. Thin woods.
- p. 93. *Russula nigricans*, Fr.—Mid. Earth in woods.
- p. 152. *Uncinula intermedia*, B. & C.—Mid. On leaves of *Ulmus alata*.
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ERRATA.

- p. 10, line 8th, for "Com. Poppy," read Cern Poppy.
- p. 20, line 14th, for "Mid. Dist.," read Mountains.
- p. 72, for *PETRAPLODON*," read *TETRAPLODON*.
- p. 76, 6th line from bottom, for "playthylla," read platyphylla.
- p. 115, for *SPAERONEMA*," read *SPILERONEMA*.
- p. 134, line 11th, for "cronata," read coronata.
- p. 134, line 14th, for "corocea," read crocea.

caustic potash (sp. gr. 1.14)—diluted to 5 fluid ounces. Use 4 fluid drams of the Fehling's solution for each test.

20 minims	$\frac{1}{10}$	urine	=	240	grains	sugar	per	fluid	ounce.
25	"	"	=	192	"	"	"	"	"
30	"	"	=	160	"	"	"	"	"
35	"	"	=	138	"	"	"	"	"
40	"	"	=	120	"	"	"	"	"
45	"	"	=	100	"	"	"	"	"
50	"	"	=	96	"	"	"	"	"
55	"	"	=	87	"	"	"	"	"
60	"	"	=	80	"	"	"	"	"
70	"	"	=	69	"	"	"	"	"
80	"	"	=	60	"	"	"	"	"
90	"	"	=	53	"	"	"	"	"
100	"	"	=	48	"	"	"	"	"
120	"	"	=	40	"	"	"	"	"
140	"	"	=	34	"	"	"	"	"
160	"	"	=	30	"	"	"	"	"
180	"	"	=	27	"	"	"	"	"
200	"	"	=	24	"	"	"	"	"
240	"	"	=	20	"	"	"	"	"
280	"	"	=	17	"	"	"	"	"
320	"	"	=	15	"	"	"	"	"
360	"	"	=	13	"	"	"	"	"
400	"	"	=	12	"	"	"	"	"
440	"	"	=	11	"	"	"	"	"
480	"	"	=	10	"	"	"	"	"

Central University, Richmond, Ky.

A PRELIMINARY LIST OF ADDITIONS TO CURTIS'
CATALOGUE OF INDIGENOUS AND NAT-
URALIZED PLANTS OF NORTH CAR-
OLINA—FLOWERING PLANTS.

M. E. HYAMS.

RANUNCULACEÆ.

- Clematis cylindrica*, Sims. Virgins Bower.
Anemone cylindrica, Gray. Cylindrical-fruited Wind flower.
 acutiloba, Lawson. (*Hepatica*, L.) Sharp-lobed Hepatica.
Thalictrum purpurascens, L. Purplish Meadow Rue.
Ranunculus abortivus, L. Var. *Micanthus*. Gray.
 fascicularis, Muhl. Early Crowfoot.
 muricatus, L. Crowfoot.
 ambiguus, Watson. Should replace *R. alismæfolius*, Geyer.
Caltha palustris, L. Marsh Marigold.
Helleborus viridis, L. Green Hellebore.

PAPAVERACEÆ.

- Cheledonium majus*, L. Celandine. Adv. Eu.
Glaucium luteum, Scop. Yellow Horn Poppy. Adv. Eu.

FUMARICACEÆ.

- Dicentra Canadensis*, D. C. Squirrel Corn.

CRUCIFERÆ.

- Nasturtium armoracea*, Fries. Horse Radish.
Cardamine hirsuta, L. Var. *Sylvatica*. Small Bitter Cress.
Arabis dentatum, T. and Gr. Rock Cress.
Barbarea vulgaris, R. Br. Common Winter Cress. Nat. Eu.
Hesperis matronalis.
Brassica alba, L. White Mustard. Adv. Eu.
 nigra, L. Black Mustard. Nat. Eu.

VIOLACEÆ.

- Viola cuculla*, Ait. Var. *cordata*, Gray. Heart-leaved Violet.
 rostrata, Muhl. Long Spurred Violet.
 tricolor, L. Pansy. Heart's Ease.

CISTACEÆ.

- Lechea thymifolia*, Michx. Pinweed.
 tenuifolia, Michx. Small-leaved Pinweed. Canby, coll.
Hudsonia ericoides, L. Heath-like Hudsonia.

HYPERICACEÆ.

- Hypericum aurium*. St. John's Wort.
 drummondii. T. and Gr.
 buckleyis, M. A. Curtis. Canby, coll.

CARYOPHYLLACEÆ.

- Sagina procumbens*, L. Pearlwort.
Arenaria squamosa, Michx. Sand Wort.

MALVACEÆ.

- Hibiscus Trionum*, L. Bladder Ketmia. Adv. Eu.
Malva Sylvestris, L. High Mallow. Adv. Eu.

LINACEÆ.

- Linum striatum*, Walt. Winged Flax.
sulcatum, Riddell. Grooved Flax.
usitatissimum, L. Common Flax. Adv. Eu.

SIMARUBACEÆ.

- Ailanthus glandulosus*. Desf. Tree of Heaven. Adv. China.

ANACARDIACEÆ.

- Rhus aromatica*, Ait. Fragrant Sumac.

CELASTRACEÆ.

- Euonymus Americanus*, L. Var. *Obovatus*, T. and Gr. Strawberry Bush.

SAPINDACEÆ.

- Aesculus glabra*, Willd. Fœtid Buckeye.

POLYGALACEÆ.

- Polygala cruciata*, L.
Curtisii, Gray. Canby, coll.

LEGUMINOSÆ.

- Medicago sativa*, L. Lucerne. Adv. Eu.
Lespedeza striata, H. & A. Japan Clover. Canby, coll.
Desmodium paucifolium, D. C. Lick-Trefoil.
rotundifolium, D. C.

ROSACEÆ.

- Prunus maritima*, Wang. Beach Plum.
Geum Virginianum, L. White Avens.
Potentilla tridentata, Ait. Cinqufoil.
Fragaria vesca, L. European Strawberry—Wild Strawberry.
Rubus candensis, L. Dewberry. Low Blackberry.
Amelanchier Canadensis, L. Var. *Botryapium*. T. and Gr.

ONAGRACEÆ.

- Jussiaea pilosa*, H. B. K. Canby coll.
Hyppuris vulgaris.

CRASSULACEÆ.

- Sedum acre*, L. Mossy Stone Cross.
nevii, Gray.
Rhodila, L. Canby, coll.

SAXIFRAGACEÆ.

- Philadelphus inodora*.

UMBELLIFERÆ.

- Coriandrum sativum*, L. Adv. Eu.
Fœniculum vulgare, Gærtn. Adv. Eu.

Osmorrhiza brevistylis, D. C. Hairy Sweet Sicely.
longistylis, D. C. Sweet Sicely.

CAPRIFOLIACEÆ.

Viburnum cassinoides, L. Canby, coll.

COMPOSITÆ.

Elephantopus nudatus, Gray. Canby, coll.

Aster sureulosus, Michx. Var. *ericoides*; (?)
do Michx. Var. *gracilis*. Gray.
ericoides, L. Var. *Villosus*.

Erigeron quercifolium, Lam.

Solidago bicolor, L. Var. *concolor*, T. and Gr. Canby, coll.

Calendula asteria. Introduced.

Acanthospermum xanthoides, D. C. Adv. S. A.

Eclipta procumbeus, Michx.

Rudbeckia triloba, L. Var. *impestris*. Canby, coll.
do Var. *humilis*. Canby, coll.

Coreopsis senefolia, Michx. Var. *Stellata*.

do Michx. Var. *auriculata*.

Centaurea solstitialis, L. Star Thistle. Introduced.

Cirsium arvense, Scop. Canada Thistle. Adv. Eu.

Cichorium intybus, Tourn. Common Chicory. Adv. Eu.

ERICACEÆ.

Rhododendron Vaseyi, Gray. Magnolia.

Leiophyllum buxifolium, Ell. Var. *prostratum*, Gray.

Schweinitzia odorata, Ell.

AQUIFOLIACEÆ.

Ilex mollis, Gray.

PRIMULACEÆ.

Lysimachia nummularia, L. Money wort. Adv. Eu.

lanceolata.

asperulifolia.

LENTIBULACEÆ.

Pinguicula Pumila, Michx. Canby, coll.

SCROPHULARIACEÆ.

Chelone obliqua, L. Canby, coll.

Penstemon, *Digitalis*, Nutt.

Gerardia lævigata, Raf.

ACANTHACEÆ.

Dipteracanthus ciliosa. Nees.

VERBENACEÆ.

Verbena striata.

bracteosa.

LABIATÆ.

Mentha piperata, L. Var. *subhirsuta*.

Thymus serpyllum, L. Creeping Thyme. Adv. Eu.

Monarda clinopodia, L. Canby, coll.

Pycnanthemum Torreyi, Benth. Mountain Mint.

HYDROPHYLLACEÆ.

Hydrophyllum umbellatum.
appendiculatum, Michx.

SOLANACEÆ.

Physalis pubens.

CHENOPODIACEÆ.

Chenopodium, Bonus-Henricus. Good King Henry.
Salicornia herbacea, L. Var. *aquatica*. Saltwort.

AMARANTACEÆ.

Amarantus hypochondriacus, L. Adv. Tropical America.
melancholicus, L.

EUPHORBIACEÆ.

Euphorbia capparis. Spurge.

SALICACEÆ.

Salix purpurea, L. Purple Willow.
longifolia, Muhl. Long-leaved Willow.

Populus tremuloides, Michx.
monolifera, Ait.
balsamifera. Var. *candicans*. Balm of Gilead.

CONIFERÆ.

Abies balsamea. Marshall.
Juniperus communis, L. Common Juniper. Rare.
Thuja Caroliniana, Engelm.
Taxus baccata, L. Var. *candicans*, Gray. American Yew.

ARACEÆ

Calla palustris, L. Water arum.
Symplocarpus racemosus, Michx.

NAIADACEÆ.

Potamogeton pusillus, L. Pondweed.

ALISMACEÆ.

Sagittaria lancifolia, L. Arrowhead.

ORCHIDACEÆ.

Corallorhiza multiflora, Nutt. Coral Root.
Spiranthes simplex, Gray. Ladies Tresses. Canby, coll.

AMARYLLIDACEÆ.

Hypoxis juncea, Smith. Star Grass. Canby, coll.

SMILACEÆ.

Smilax herbacea, L. Carrion Flower.
Trillium recurvatum, Beck.

LILIACEÆ.

Asparagus officinalis, L. Garden Asparagus. Nat. Eu.
Erythronium albidum, Nutt. White Adder's Tongue. Canby, coll.
Ornithogalum umbellatum, L. Star of Bethlehem.
Lilium Grayi, Watson.

JUNCACEÆ.

Luzula Carolina, Wats. Wood.rush. Canby, coll.

GRAMINEÆ.

Leersia hexandra, Swartz. McCarthy, coll.

Sporobolus cryptandrus, Gray.

Muhlenbergia sylvatica, T. and Gr. Chapman's supplement.
glomerata, Trin.

Deyeuxia Canadensis, Beauv.

Triodia ambigua, Benth. (*Tricuspis ambigua*, Chap.)

Poa brevifolia, Muhl.

sylvestris, Gray.

alsodes, Gray. Canby in Chapman's supplement.

Glyceria obtusa, Trin. McCarthy, coll.

Eragrostis campestris, Trin. (*E. nitida*, Chapman.)

Festuca ovina, L. Probably introduced.

Bromus steritis, L. Probably introduced.

racemosus, L.

Hordeum pratense, Huds. Probably introduced.

Elymus Canadensis, L.

Lolium perenne, L. Probably introduced.

Aira caryophylla, L. Probably introduced.

Danthonia compressa, Anst. Chapman's supplement.

Hierochloa borealis, R. and S. Vanilla Grass. Rare.

Paspalum purpurascens, Ell. McCarthy, coll.

Anthænantia rufa, Benth. McCarthy, coll.

Panicum serotinum, Michx. Chapman's supplement.

agrostoides, Spreng. Chapman's supplement.

consanguineum, Kunth. Chapman's supplement.

laxiflorum, Lam. Chapman's supplement.

verrucosum, Muhl.

Setaria viridis, Beauv.

Cenchrus inurtus, M. A. Curtis. Chapman's supplement.

Andropogon argyræas, Schultz.

Erianthus striatus, Bald.

contortus, Ell.

Agropyrum repens, Beauv. (*Triticum repens*, L.)

