See this Book for
W. H. Manning
Reports.

WD
26

St Louis. Dec 9. 1895

Dear Mr Deane:-

The date preceding pencil notes refers to the year that I made the observation on the ground.

I have underscored entries that I am willing to be responsible for. In such cases I can remember, as I make the note, specific localities where I have seen the plants growing. Undoubtedly, with the notes before me that I made on the ground, I could recall the localities of other plants.

I have tried to indicate a little more accurately, in many cases, the localities where plants are to be looked for.

Yours truly

Warren H Manning

FREDERICK LAW OLMSTED. JOHN CHARLES OLMSTED. CHARLES ELIOT.

OLMSTED, OLMSTED & ELIOT,
LANDSCAPE ARCHITECTS.

EDWARD D. BOLTON,
SUPERINTENDENT OF CONSTRUCTION.

WARREN H. MANNING,
SUPERINTENDENT OF PLANTING.

BROOKLINE, MASS.

PRELIMINARY LIST METROPOLITAN RESERVATIONS.

This list is a record of plants collected or credibly reported as growing within the limits of each of the Metropolitan Reservations.

After the name of every plant are, printed the following abbreviations for each Reservation:

B.=Blue Hills. M.=Middlesex Fells. S.=Stony Brook. BB.= Beaver Brook.

When either of the abbreviations for a Reservation stands alone it is to be understood that the plant whose name it follows has not been reported from that Reservation. Where another abbreviation follows it indicates that the plant has been credibly reported or actually collected. The added abbreviation also indicates the frequency of the plant referred to and the character of the collected specimen if any.

The abbreviations denoting frequency are:

c. = common. f. = frequent. o. = occasional. r. = rare.

Coll. indicates that a complete specimen has been collected; but if a leaf only has been collected coll. is followed by lf., if a fruit only by fr. and if a flower by fl. If a plant is known to be represented at present only in some other herbarium than that of the Metropolitan Reservations this fact is indicated by Herb. and the initials of the owner of the collection in parenthesis.

It should be the purpose of all those who can collect during the coming season to secure specimens of plants that are not yet represented in the Reservations Herbarium.

Many valuable notes on peculiar forms, newly discovered species and varieties, new localities and on the distribution, association and condition of plants have been handed in. It is expected that much more information of this character will be collected during the coming season and added to this preliminary list. These lists are to be returned at the end of the season and from the accumulated notes and specimens a report, which will be published by the Commission, is to be prepared.

It should be kept in view that it is the purpose to determine as accurately as possible the present condition and distribution of the plant life of the Reservations and the reasons for this condition and distribution.

A new set of maps will be furnished at an early date and hereafter it will be desirable when referring to localities to use the names on these maps. There will be no objection however to the use of the reference numbers and figures on the maps previously sent out.

It is to be understood that those to whom families (excepting Fungi) have been assigned are ready to receive and determine specimens which belong within their assignment. The specimens may be sent to the botanists direct or to me for distribution. All specimens intended for the herbarium are to be sent to me ultimately so that they may be properly arranged and distributed.

Mr. A. B. Seymour, Cambridge, Mass., is ready to assist any collector in the determination of Fungi and will permit a reference to his very complete collection, but he must not be expected to personally determine all specimens that belong this very large group of plants.

I desire to express my grateful appreciation of the cordial cooperation of all who have supplied material and data for the preparation of this Preliminary List, and also of the assistance and suggestions offered by Mr. Edward L. Rand who has assisted and will hereafter assist in the editorial work.

Please hold me responsible for errors, of which there must be many, in the Preliminary List. Correct any that are found and be free also to offer suggestions.

Brookline, Mass. April 27th. 1895.

Warren H. Manning.

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Dr.J.R.Webster, (JRW). East Milton, Mass.
10 Cruciferae.
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13 Cistaceae.
14 Violaceae.
15 Caryophyllaceae.
16 Portulacaceae.
17 Elatinaceae.
18 Hypericaceae.
20 Malvaceae.

L.L. Dame, (LLD). West Medford, Mass.
21 Tiliaceae.
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65 Oleaceae.
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100 juglandaceae.
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Sidney Harris, (SH).
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22 Linaceae.
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26 Celastraceae.
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T.O.Fuller, (TOF). Needham, Mass.
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52 Rubiaceae.
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69 Gentianaceae.
70 Polemoniaceae.
72 Borraginaceae.

G.L.Chandler & Severance Burrage, (SB)
Auburndale, Mass.
31 Polygalaceae.
32 Leguminosae.
33 Rosaceae.

E.F.Williams, (EFW)
81 Franklin St., Boston, Mass.
35 Saxifragaceae.
36 Crassulaceae.
37 Droseraceae.
38 Hamamelideae.
39 Haloragaceae.
40 Melastomaceae.
41 Lythraceae.
42 Onagraceae.

Miss M.E. Carter, (MEC).,
Boston Nat.Hist'y Soc'y, Boston (Mass.
45 Cucurbitaceae.
46 Cactaceae.
47 Ficoideae.
48 Umbelliferae.

M.L.Fernald, (MLF).,
Gray Herbarium, Cambridge, Mass.
55 Compositae.

J.R. Churchill, (JRC).,
Sears Building, Boston, Mass.
73 Convolvulaceae.
74 Solanaceae.
75 Scophulariaceae.
76 Orobanchaceae.
77 Lentibulariaceae.
78 Bignoniaceae.
81 Verbenaceae.

Walter Deane, (WD). Cambridge, Mass.
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83 Plantaginaceae.
85 Illecebraceae.
86 Amarantaceae.
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90 Podostemaceae.
93 Lauraceae.
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113 Iridaceae.
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116 Liliaceae.
117 Pontederiaceae.

G.G.Kennedy, (GGK).
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I23 Araceae.
I24 Lemnaceae.
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I26 Najadaceae.
I27 Ericaulcae.

Dr.Chas. W. Swan, (CWS).
79 Worcester St. Boston, Mass.
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I28 Cyperaceae.
I29 Gramineae.

G. A. Davenport, (GAD).
67 Valley St. Medford, Mass.
I30 Equisetaceae.
I3I Filices.
I32 Ophioglossaceae.
I33 Lycopodiaceae.
I34 Selaginellaceae.
I35 Marsiliaceae.
I36 Salviniaceae.

F. S. Collins, (MI).
97 Dexter St. Malden, Mass.
Algae.

A. B. Seymur, (ABS).
Cambridge, Mass.
Fungi.

Unassigned.
Bryaceae.
Sphagnaceae.
Andreaeaceae.
Hepaticae.
Characeae.
Lichens.

---- o ---

Miss Clara E. Cummings, Wellesley, Mass. (MEC).
Miss Charlotte M. Endicott, Canton, Mass. (CME).
Chas.E. Faxon, Jamaica Plain, Mass. (CEF).
Edwin Faxon, Jamaica Plain, Mass. (EF).
A.H. Fewkes, Newton Highlands, Mass. (AHF).
P.Gallagher, 69 G.St. South Boston, Mass. (PG).
H.A.Horter, 220 Walnut St. Brookline, Mass. (HAH).
Chas.W. Jenks, Bedford, Mass. (CWJ).
O.Katzenstein, 206 Chestnut Ave. Jamaica Plain, Mass. (OK).
N.T.Kidder, Milton, Mass. (NTK).
Miss Agnes W. Lincoln, Medford, Mass. (AWL).
Geo F. Perry, 22 Adams St. Melrose, Mass. (GFP).
Henry A. Purdie, 15 Beacon St. Boston, Mass. (HAP).
William P. Rich, 3 No.Market St. Boston, Mass. (WPR).
Mrs.P.D.Richards, West Medford, Mass. (PDR).

94 No specimen collected. Determined by foliage. Omit until verified
94-5 Seen in two or three places in B. in shaded moist rocky slope and damp woods

94 Alsea was collected in B.B. which may be this. My first impression was that it belonged to Amicifuga but this is hardly probable. The plant was in good condition & may be found in flower another year.

94 Shows usual disposition to persist in cultivation
94-5 ground at Parks House in B. Not likely to persist long.
Common in wet ground of N.O. and So. sections of B.B. and I have frequently seen its leaves in S.

94 In old garden at Parks House in B
94 The B.B. specimens I understand from Mr Piper are the new species detected by Prof Britton

I. Ranunculaceae.

? Aconitum uncinatum, L.
B., r. Old garden. M. S. BB.

Actaea alba, Bigel. ~~Rocky slopes.~~ moist woods.
B. & O., coll. fr. M., r., coll. fr. S. BB.
moist woods

Actaea spicata, L., var. rubra, Ait. ~~Damp shady places.~~ ~~moist woods.~~
~~B.~~ M., r. S. BB.? r., c
moist woods

Anemone cylindrica, Gray.
B., f., coll. M., f., coll. S. BB.

Anemone nemorosa, L., ~~Woods and shady fields.~~
B., c., (Herb. GGK). M., c. (Herb. WD). S. BB. c., ♀Herb ?
woods & thickets

Anemone Virginiana, L., ~~Rocky woods.~~
B., o., coll. M., o., coll. S. BB.
Edges of thickets, rocky woods, in well drained ground

Anemonella thalictroides, Spach., ~~Wooded slopes.~~
B., f., coll. fr. M., f. S. BB.
Dry woods and thickets

Aquilegia Canadensis, L., ~~Hedges.~~
B., c., (Herb. JRC) M. c. S. t BB. r. coll
Edges in sun or light shade. In BB. Shaded ledges

Aquilegia vulgaris, L.
B., r. Old garden M. S. BB.

Caltha palustris, L. ~~Swamps.~~
B., c., (Herb. WD). M., c. S. t BB. c
Shady or open wet ground

Clematis Virginiana, L. ~~Roadsides and moist places.~~
B., f., coll. fl. M., f. S. BB.
Edges of thickets in wet ground

Coptis trifolia, Salisb. ~~Swamps and wet woods.~~
B., f., coll. fr. M., o. S. BB.
Swamps and wet woods

Delphinium Consolida, L.
~~B.~~ M., r., (Herb. MI). S. BB.

Hepatica triloba, Chaix. ~~Moist ground in woods.~~
B., o. (Herb. JRC). M., f., (Herb. WD). S. BB.
Rich soil in shade

Paeonia offisinalis, Retz. Planted.
B., r. Old garden M. S. BB.

Ranunculus abortivus, L. ~~Open woods and slopes.~~
B., c. M., o. S. BB., f. col
Rich dry shaded & sunny soil

Ranunculus abortivus, L. var. micranthus, Gray.
~~B.~~ M.? r. S. BB.

94-5 I have noticed this frequently in S. and M

94- I suspect that the specimen referred to as B?
is Sium Carsonii coll. in Bluefield Rives

94 The specimen referred to as M. V. coll. fr. was coll. in
wet shady woods + thought at the time to be R. Pens-
determined later to be some other species I believe

94-5 This I have seen in two localities in S.

94 Note reference on cards

95 ? in Muddy Pond

95 C. in Muddy Pond

95 ? about Muddy Pond + in swamps

Ranunculus acris, L. ~~Moist land.~~
B., c., (Herb. GGK). M., f. S. ~~f.~~ ~~B.~~, c., coll. I
Edges of meadows, roadsides, pastures, waste places

Ranunculus aquatilis, L. ~~Brooks.~~
B. f. Ber. S. ~~B.~~

Ranunculus aquatilis, L. var. trichophyllus, Gray. ~~Stagnant pools.~~
B., c., coll. lf. M., r., (Herb. IJ). S. ~~B.~~
Bogs + pools

Ranunculus bulbosus, L. ~~Fields.~~
B., c. (Herb. GGK). M., c. S., o. ~~B.~~, c., coll.
Dry a moist fields sunny

Ranunculus fascicularis, Muhl. Dry slopes.
B. M., f. S. ~~B.~~

Ranunculus multifidus, Pursh. ~~Swamps and pools.~~
B., r. (Herb. WD). M. ~~f.~~ S. ~~B.~~
Bogs and pools

? Ranunculus Pennsylvanicus, L. f. ~~Wet shady woods.~~
B. M., r., coll. fr. S. ~~B.~~

Ranunculus septentrionalis, Poir. ~~Wet open places.~~
B., f., coll. M., c. S. ~~B.~~, c., coll.

Thalictrum dioicum, L. ~~Damp woods.~~
B., f., (Herb. JRC). M., c. S. o.
? rich rocky wooded slopes

Thalictrum polygamum, Muhl. ~~Swamps and meadows.~~
B., coll. fr. M., f., coll. fl. S. ~~B~~, o.
meadows + wet woods

Thalictrum purpurascens, L. ~~Rocky woods.~~
B., o., (Herb. WD). M., r., coll. S. ~~B.~~

6. Berberidaceae.

Berberis vulgaris, L. Houses ites, pastures, ~~open places.~~
B., o. M., c., (Herb. IJ). S., c. ~~B.~~

8. Nymphaeaceae.

~~Brasenia~~ peltata, Pursh. Ponds ~~and streams.~~
B., o. M., o. S. ~~f.~~ ~~B.~~
On soft mud or floating

Nuphar advena, Ait. ~~Stagnant waters.~~
B., s. coll. fl. M., f. S. c ~~B.~~
shallow water + soft mud

Nymphaea odorata, Ait. Ponds.
B., r. (Herb. GGK). M., c. S., c. ~~B.~~

7. Sarraceniaceae.

~~Sarracenia purpurea~~, L. Bogs and meadows.
B., o. coll. fr. M., f. S. ~~f.~~ ~~B.~~

9. Papaveraceae.

Corydalis glauca, Pursh. Upland rocks and ledges.
B.f.coll. I.f.c S.c BB.
c Grey ledges in sun a light shade

9. Fumariaceae.

Chelidonium majus, L. Housesites and roadsides.
B. M.o. S. BB.c.coll.
Shaded wet about house sites

Sanguinaria Canadensis, L. Damp woods.
B.r.coll.lf. M.f.v S. BB.olcoll.fr.
Damp rich woods Hills

10. Cruciferae.

Alyssum maritimum, Lam. Planted.
B.r. old g... I. S. BB.

Arabis Canadensis, L.
B.r.(Herb.GeK). I. S. BB.

Arabis laevigata, Poir.
B.r. M.o.(Herb. I). S. BB.
(Rocky slopes, fields

Barbarea vulgaris, R.Br. Housesites and roadsides.
B.f.coll. M.f. S. M.o.

Barbarea vulgaris, R.Br. var. arcuata, Koch.
B.f. M.c.(Herb.JHC). S. BB.

Brassica campestris, L. Cultivated fields and housesites. dumps
B. M.c. S. BB.

Brassica nigra, Koch. Housesites and roadsides.
B.c.(Herb.JHC). I. S. BB.

Brassica Sinapistrum, Boiss. Roadsides and housesites.
B.c.(Herb.JHC). I. S. BB.

Capsella Bursa-pastoris, Moench. Roadsides and fields.
B.c. M.c. S.c BB.+
Capsella Bursa-pastoris, Moench. Shaded wet places.

Cardamine hirsuta, L.
B.c.(Herb.WD). M.c.(Herb.WD). S. BB.c.coll.

Cardamine hirsuta, L.var.sylvatica, Link. Rocky hills.
B.c. M.c. S. BB.

Cardamine rhomboidea, DC.
B. I. S.c. BB.c.

Lepidium Virginicum, L. Roadsides, dumps and housesites.
B.r.coll. M.c. S. BB.
Roadsides, dumps

Nasturtium officinale, R.Br. Ditches and brooks.
B. I.c. S. BB.c.(Herb.WD)

Nasturtium Palustre, DC. Meadows and shores.
B. I.c. S. BB.

Raphanus Raphanistrum, L. ~~Wet places~~; Housesites. Waste places
B., c. (Herb IRC). M. S. BB.

Sisymbrium officinale, Scop Roadsides.
B., c. M., c. S. BB.

I2. Resedaceae.

Reseda lutea, L. ~~Planted~~
B., r. M garden M. S. B.

I3. Cistaceae.

Helianthemum Canadense, Michx. Dry fields, open woods, barrens.
B., c., coll M., c., coll. S. BB.

Lechea intermedia, Legg. & Lt. Dry fields.
B. M., f. (Herb MI). S. BB.

Lechea major, Michx. Dry woods and fields.
B., f., coll. M., c. S. BB.

Lechia minor, L. Open rocky woods.
B., f., coll. M., f., coll. S. BB.

Lechia minor, L. var maritima, Gray.
B. M., f., coll.

Lechia tenuifolia, Michx Woodroads.
B., f., coll. M., f., coll. S. BB.

I4. Violaceae.

Viola blanda, Willd. Moist and wet places in woods.
B., f., coll. fr M. f. S. BB., f. coll. fl

Viola canina, L. var. Muhlenbergii, Gray. Moist woods.
B., o., coll. M S. BB.

Viola lanceolata, L. ~~Meadows~~. Wet open places
B., c., coll. fr M., c. S., c. BB. c. coll. fl.

Viola palmata, L. var cucullata, Gray. Swamps & damp woods.
B., c. (Herb WD) M., f. S. BB.
B., coll. a white fl. form.

Viola pedata, L. Gravelly slopes & hillsides
B., c (Herb GGK) M., c. S. BB.

Viola primulaefolia, L. Wet open places.
B., o., coll. fl. M., r., coll. S. BB. o. coll. fl.

Viola pubescens, Ait Wet woods & swamps - Thicket
B., o., coll. fr M., r. S. BB.

Remember to have all 7s in a number 7 places in S and once in 13,13.

9T Can this twice in S.

9T

9T

9T

9T

Viola pubescens, Ait. var. scabriuscula, Torr. & Gray.
B. H. S.

Viola sagittata, Ait. Dry fields, and open woods,
B., c., coll. fr. M., f. S. &

I5. Caryophyllaceae.

Arenaria lateriflora, L. Low ground.
B. M., r. S.

Arenaria serpyllifolia, L. Dry open and ledgy places.
B., c. coll. M., c. S.

Buda rubra, Dumont. Roadsides; housesites.
B. M., c. S.

Cerastium vulgatum, L. Fields.
B. c. (Herb JRG) M., f S., c.

Dianthus caryophyllus, L. Planted
B., r. M. S.

Lychnis Chalcedonica, L Planted.
B., r. M. S.

Lychnis Githago, Lam. Low moist ground
B M., r., coll. fl. S.

Saponaria officinalis, L. Homesites; roadsides.
B., c. S.

Silene Armeria, L. Planted.
B., c. S.

Silene Cucubalus, Wibel.
B., r S.

Silene Pennsylvanica, Michx.
B S.

Stellaria graminea, L.
B., f (Herb JRG) M., c. Damp grassy places.

Stellaria media, Smith. Roadsides; housesites; cultivated fields.
B., c. M., c. S., c.

I6 Portulacaceae.

Portulaca oleracea, L. Cultvated ground.
B., c. M., c. S., c.

I7. Elatinaceae.

Elatine Americana, Arn. Margins of ponds.
B. M., f. coll. fr. S.

I8. Hypericaceae.

Elodes campanulata, Bursh. Damp meadows and swamps.
B., f coll fr. M., c., coll. S., c., coll.

Hypericum Canadense, L. Meadows.
B., c., coll. fr. M., c., coll. fl. S.

Hypericum ascyreum, Walt.
B., c (Herb JRG) M., f. coll. fl. S.

Hypericum mutilum, L. Swamps and meadows.
B., c. (Herb. WD). M., c., coll. fl. S. BB.

Hypericum nudicaule, Walt. Ledges, gravelly ~~roadside~~ s. all.
B., c. (Herb. GGK). M., f. S. BB.

Hypericum perforatum, L. ~~Roadsides and pastures~~ moist or dry open or thick shaded ground
B., c., coll. fr. M., c. S., r. BB.

20. Malvaceae.

? Hibiscus Moscheutos, L. ~~Planted~~
B., r. Old garden M. S. BB.

Malva rotundifolia, L. Roadsides and housesites. dumps.
B., c. M., f. coll. S., c. BB., c.

21. Tiliaceae.

Tilia Americana, L. Woods, edges, swamps.
B., f., coll. fr. M., c. S., r. BB

22. Linaceae.

Linum Virginianum, L. ~~Dry woods~~ Woods, edges, dry open woods
B. c., coll. M., f. (Herb. MI). S. BB.

23. Geraniaceae.

Geranium Carolinianum, L. Rocks in open woods. waste ground
B., r. (Herb. JRC). M., r., coll. S. BB.

Geranium dissectum, L.
B. M.?, r. S. BB

Geranium maculatum, L. Roadsides, edges of thickets.
B., c., coll. fl. M., c. S., c. BB. coll. fl.

Geranium Robertianum, L. ~~Damp rocks in woods.~~
B., f., col. M., f. S. B.
Shaded ledges

Impatiens fulva, Nutt. ~~Shaded wet places~~
B., c., coll. fl. M., c. S., c. BB., c.

Oxalis cornuculata, L. var. stricta, Sav. ~~Roadsides and fields.~~
B., c. coll. fr. M., c. S. BB.
dry or moist old or new ground, shade

Oxalis violacea, L.
B. M. S. BB. r. (Herb. WM)

94 In old garden = Parker place

94-[illegible] [illegible] = in [illegible] near summit - at [illegible] + in Carlton Canyon S.D. Mtns [illegible]

94 [illegible]

24. Rutaceae.

Ailanthus glandulosa, Desf. ~~Planted.~~
B.,r. M.,r. S. BB.

Xanthoxylum Americanum, Mill. ~~Moist ground.~~
B.?.,r. ~~M.~~ S. BB.

25. Ilicineae.

Ilex glabra, Gray. ~~Swamps, edges meadows.~~
B.,r.,coll.lf. M. Swampy ground with low bushes. S. BB.

Ilex laevigata, Gray. Swamps.
B. M. S.,o.,coll.fr. BB.

Ilex var icillata, Gray. Swamps and bogs.
B.,c.,coll.fr. M.,c.,coll. S.,c.,coll.fr. BB.o.

Nemopanthus fascicularis, Raf. ~~Swamps and meadows.~~
B.,r.,coll.lf. M.,f. Swamps & wet low thickets. S.,o. BB.o.coll.lf.

26. Celastraceae.

Celastrus scandens, L. ~~Rocky slopes.~~
B.,o.,coll.lf. M.,r. Dry rocky slopes and open woods. S. BB.,r.coll.fr.

27. Rhamnaceae.

Ceanothus Americanus, L. Dry woods ~~and slop c.~~
B.,o.coll. M.,f.(Herb.WD). S.,r.,coll. BB.

Rhamnus cathartica, L. Dry and moist fields and thickets.
B.,f.,coll.fr. M.,f. S.,o. BB.c.coll.fl.

28. Vitaceae.

Ampelopsis quinquefolia, Michx. Rocky moist woods and stony hills
B.,f. M.,f. S.,o. BB.,o.

Vitis aestivalis, Michx. Rocky woods.
B.,f.(Herb.JRC). M.,o.,coll.lf. S. BB.

Vitis Labrusca, L. Moist rocky places.
B.,f.,(Herb.JRC). M.,o. S. BB.

29. Sapindaceae.

Acer Pennsylvanicum, L.
B.,r.(Herb.GGK). M. S. BB.

Acer platanoides, L. Planted.
B.,r. roadside M.r. roadside in S. BB.

Acer rubrum, L. Very c. in wet soil; o. in dry soil.
B.,c.(Herb.JRC). M.,c. S.,c. BB.c.(Herb.WD)

Acer saccharinum, Wang. Small groups among rocks ~~and~~ also planted.
B.,o.,coll.lf. M.,o.,coll.lf. S.,r. BB.,r. old lanes and along roads

94 O. in S

Aesculus Hippocastanum, L. Planted.
B.,r. M. S. BB.

30. Anacardiaceae.

Rhus copallina, L. Dry fields; ledges.
B.,f.,coll.fl. M.,c. S. BF.

Rhus glabra, L. Fields and low thickets.
B.,f.,coll.lf. M.,f. S.,f. BF.,f.

Rhus Toxicodendron, L. Dry and wet woods, and fields, ledges.
B.,c.,coll.lf. M.,c. S.,c. BB.,c.

Rhus typhina, L. Pastures and low thickets.
B.,c.(Herb.GGK). M.,f. S. BB.

Rhus venenata, DC. Swamps.
B.,f.(Herb.JRC). M.,f. S.,f. BB.

31. Polygalaceae.

Polygala cruciata, L. Meadows.
B ?.,r.,coll.fl. S. BF.

Polygala polygama, Walt. Open places in dry woods.
B.,r.(Herb.GGK). M.,f. S. BB.

Polygala sanguinea, L. Moist and wet places.
B.,c.,coll.fl. M.,f.,coll.fl. S. BB.

Ploygala verticillata, L. Dry open land.
B.,f.,coll. M.? S. BB.

32. Leguminosae.

Amphicarpaea monoica, Ell. Woods.
B.,f.,coll. M.,f. S.,c?,coll. BB.,c.,coll.

Apios tuberosa, Moench. Among bushes in moist ground.
B.,c.,coll.fl. M.,c. S.,c. BB.

Baptisia tinctoria, R.Br. Rocky woods and dry fields.
B.,c.,coll.f. M.,c. S. BB.c.coll.lf.

Desmodium acuminatum, DC. Rocky open woods.
B.,f.,coll.fr. M.,r. S. BB.

Desmodium Canadense, DC. Roadsides and moist open ground.
B.,c.,coll.fl. M. S.c BB.

Desmodium canescens, DC. Poor dry soil.
B.,r.,coll.fl. M. S. BB.

Desmodium ciliare, DC.
B.,c.(Herb.GGK). M. S. BB.

94 [illegible] D. multiformans in Mo [illegible]

95 [illegible] in [illegible]

96 [illegible]

Desmodium ciliare, Torr.& Gray. Ricky woods.
B.r.coll.fl. M.r.coll.fr. S.r.coll.fr. BB.

Desmodium Dillenii, Darl. Woods.
B.c.coli M.c S. BB.

Desmodium Marilandicum, Boot. Woods and roadsides.
B.r.(Herb.(GK): M. S. BB.

Desmodium nudiflorum, DC Ricky woods, ~~and roads~~
B.c.coli. M.c.coll.fl. S. BB.
a white fl.form coll.

Desmodium paniculatum, DC. Ricky open woods.
B.f.coll. M.f.coll.fl. S.f. BB.

Desmodium rigidum, DC. Borders of woods.
B.f.coll. M.c.coll.fl. S. BB.

Desmodium rotundifolium, DC. Dry open woods.
B.c.coll. M.c. S.f.coll. BB.

Lespedeza capitata, Michx. Gravelly roadsides, ~~and~~ dry open woods.
B.c.coll M.f. S. BB.

Lespedeza Nuttallii, Darl. Ricky thinly wooded slopes.
B. M. S.r. BB.

Lespedeza polystachya, Michx. Open woods.
B.c.coll.fl. M.f.coll.fl S. BB.

Lespedeza procumbens, Michx. Dry thin woods.
B.f.coll.fl. M.r. S.c.coll.fr. BB.

Lespedeza reticulata, Pers. Hillsides.
B.c.coll.fl. M. S. BB.

Lespedeza Stuvei, Nutt.var.intermedia, Watson. Rocky woods and slopes.
B.c.coll.fl. M.c.coll.fl. S.c.coll.fl. BB.

Lespedeza violacea, Pers. Roadsides ~~and~~ dry woods.
B.r.coll. M.r.coll.fl. S.r.coll.fr. BB.

Lespedeza Virginica, (L.). Open rocky hillsides.
B. M.r.coll.fl. S. BB.

Medicago lupulina, L. Housesites;roadsides; ~~fields~~
B.r. M.c. S. BB.r.coll.fl.

Melilotus officinalis, Willd.
B.c. M. S. BB.

Robinia Pseudacacia, L. Housesites and roadsides.
B.c. M.f. S.c. BB.r.

Tephrosia Virginiana, Pers. Slopes ~~and woody paths~~.
B.r.(Herb.GGK). M. S. BB.

Trifolium agrarium, L. B.,f.,coll.fl.	Sandy places ans roadsides. M.,f.	S.	BB.
Trifolium arvense, L. B.,c.,coll.fl.	Roadsides;gravelly soil, ledges. M.,c	S.	BB.
Trifolium hybridum, L. B.,c.	Housesites, roadsides,fields. M.,f	S.	BB.,r.coll.f
Trifolium pratense, L. B.,c.M.,f.	Housesites;roadsides;fields. M.,f.	S.	BB,c.coll.f)
Trifolium repens, L. B.,c.	Pastures, Roadsides, housesites. M.,c.	S.,c.	BB.,c.
Vicia Cracca, L. B.	Moist, open ground. M.,c.	S.,c.,coll.fl.	BB.
Vicia sativa, L. B.	M.,r.	S.	BB.

33. Rosaceae.

Agrimonia Eupatoria, L. B.,c.,coll.	Old housesites;roadsides;pastures. M.,c.	S.	BB.
Amelanchier Canadensis, Torr.& Gray. B.,f.(Herb.GGK).	M.,f.,coll.fr.	Scattered in wet and dry land. S.,c.	BB.
Amelanchier Canadensis,Torr.& Gray,var.oblongifolia, Gray. B.,f.,coll.fr.	M.,c.	S.	BB.
Crataegus coccinea, L. B ?.	M ?.	S.	BB.
Crataegus coccinea,L. var.mollis, Torr.&Gray. B.	M ?.	S.	BB.
Crataegus Oxyacantha, L. B.	M.	S.	BB.f.coll.f.
Fragaria vesca, L. B.	Woods. M.,c.,coll.	S.	BB,c.coll.f.
Fragaria Virginiana, Duchesne. B.,f.,(Herb.JRC).	Woods and fields. M.,c	S.	BB.f.coll.f.
Geum album, Gmel. B.,c.(Herb.GGK)	Rocky and moist woods. M.,c.,coll.fr.	S.	BB.c.coll.f.
Grum rivale, L. B.	Meadows M.,c.	S.	BB.c(Herb.WI
Geum Virginianum, B.	Roadsides and thickets. M.,f	S.	BB.f.(Herb.

Potentilla argentea, L. B., c.		Thin ~~open~~ soil. M., c.	S., c.	BB., c.
Potentilla Canadensis, L B., c. coll. fl.		Fields; meadows; roadsides. M., c. (Herb. WD).	S., c.	BB. c. coll. fl.
Potentilla Norvegica, L. B., c. (Herb. GGK).		~~Low wet grounds~~ M., f.	S. c.	BB.
Prunus Avium, L. B.		M., o.	S.	BB
Prunus Cerasus, L. B., o.		Borders of woods and roads. M., r.	S.	BB.
Prunus Cydonia, L. B.		~~Near houses~~ M., r.	S.	BB.
Prunus domestica, L. B.		Housesites. M.	S.	BB., o.
Prunus Pennsylvanica, L. B., f. coll. fl.		~~Gravelly slopes~~ M., o.	S., o.	BB. o
Prunus pumila, L. B., o. coll. lf.		Hilltops and rocky slopes. M., o.	S.	BB.
Prunus serotina, Ehrh. B., o. (Herb. GGK).		Borders of woods. M., f. coll. fl.	S.	BB.
Prunus Virginiana, L. B., o. coll. fl.		Borders of woods. M., c.	S.	BB.
Pyrus arbutifolia, L. B., f. coll. fr.		Borders of meadows and fields. M., f.	S., f. coll. fr.	BB.
Pyrus arbutifolia, L. var. melanocarpa, Hook. B., f. coll. fr.		Roadsides, meadows, fields. M., c.	S.	BB.
Pyrus Aucuparia, Gaert. B., r. (Herb. JRC).		~~Moist woody places~~ M., o. coll. lf.	S.	BB. r.
Pyrus communis, L. B., r.		Housesites. M., r.	S. r.	BB. r. coll. lf.
Pyrus Malus, L. B., o.		Fields, woods, pastures. M., c.	S. c	BB., o.
Pyrus sambucifolia, Cham. & Schlecht. B.		Ledgey slopes. M., r. coll. lf.	S.	S.
Rosa blanda, Ait. B., r. coll. fr.		Thin woods. M.	S.	BB.
Rosa canina, L. B., r.		Planted M.	S.	BB.
Rosa Carolina, L. B.		Moist low thickets. M., c. coll. fl.	S.	BB. c. coll. fr.

Rosa humilis Marsh B.,r.(Herb GGK)	H	S.	BB,r
Rosa lucida, Ehrh. B.,f.coll.fr	H.,f.coll.fr	S.,f.	BB.,f.
Rosa Nanettoi, B.,r old garden	H.	S.	BB.
Rosa micrantha, Smith B	H ?.R	S.	BB
Rosa rubiginosa, L. B.,o.	H.,o	S.	BB.,o.
Rubus canadensis, L. B.,f (Herb JEC)	H.,c	S	BB.c.coll.f
Rubus hispidus, L. B.,f.coll.fl.	H.,f	S.,f.	BB.,f.
Rubus occidentalis, L. B.,c.coll.fr	H.,f coll.fl.	S.	BB
Rubus strigosus, Michx. B.,c coll.lf	H.,c.	S.,c.	BB.c.coll.f
Rubus triflorus, Rich B.,f.coll.fl.	H.,f	S.	BB.f.
Rubus villosus, Ait. B.,c.coll fl	H.,c	S.,f.	BB.c.coll.f
Spiraea betulifolia, Pall. B.,r old garden	H	S.	BB.
Spiraea filipendula, L. var fl. pl., hort. B.,r	H.	S.	BB
Spiraea Japonica, L. B.,r	H	S.	BB
Spiraea prunifolia Sieb. B.,r	H.	S	BB.
Spiraea salicifolia, L. B.,c.coll.fr	H.,c	S.,c.coll.fl.	BB.,c
Spiraea sorbifolia, L. B.,r.	H.	S.	BB
Spiraea tomentosa, L. B.,c.	H.,c	S.,c	BB.,f.

Low thickets.

Planted.

Dry fields and roadsides

Partial shade, moist soil in light shade

Open rocky places in woods

coll. a yellow barked var

Rocky rocks in partial shade or in low thickets

Fields and low thickets.

Moist & wet woods

Open wet and moist places.

Planted

Planted

Planted

Planted

Meadows; fields; hilltops

Planted

Meadows and fields

94

95

35 Saxifragaceae.

Chrysosplenium Americanum, Schwein. ~~In springs and brooks.~~
Br.. (Herb. J. C. R.). M.,f. S.o Springs, brooks and shaded wet ground. BB.,coll.

Deutzia gracilis, Sieb. & Zucc. ~~Planted.~~
B.,r. old garden M. S. BB.

Deutzia scabra, Thunb. var. fl. pl,hort. ~~Planted~~
B., r. old garden M. S. BB.

Deutzia scabra, Thunb. ~~Planted.~~
B. ,r. old garden M. S. BB.

Hydrangea paniculata, Sieb. var. grandiflora, hort. ~~Planted.~~
B.,r. old garden M. S. BB.

Philadelphus coronarius, L. ~~Planted~~
B.r. old garden M. S. BB.

Philadelphus Gordonianus, Lindl. ~~Planted.~~
B.,r. old garden M. S. BB.

Ribes oxycanthoides, L. Rocky ~~Stony~~ moist slopes.

Ribes rubrum, L.
B.r. Coll. f.. M.,r. (Herb. MI). S. BF.

Ribes rubrum, L, var, subglandulosum, Max. Roadsides.
B. M.r. S. BB.

Saxifraga Pennsylvanica, L. ~~Moist ground.~~
B. f. M. f. Swamps S. BB.c (Herb

Saxifraga Virginiensis ,Michx. ~~Moist ledges.~~
B. f. M.c.(Herb.MI). S. BF.

Open or shaded hillsides

36 Crassulaceae.

Penthorum sedoides, L. Bogs and shores.
B.r.(Herb) GGK). S. BB.

Sedum Telephium, L. House-sites and roadsides.
B. M.r. S. BB.

Sedum ternatum, Michx. ~~Planted.~~
B. M.r. old garden S. BB

Sempervivum tectorum, L. Planted.
Br M.,r. old garden S. BB.

37 Droseraceae.

Drosera intermedia, Hayne, var, Americana, DC. Meadows.
.B. f. (Herb.GGK). M., f. coll., Fr. S. BF.
Drosera rotundifolia, L. Meadows.
B.f. coll. M. S. BB.

qu[illegible] Hacer found in several [illegible] in E. O. rather Plan V,

38. Hamamelideae.

Hamamelis Virginica, L. Moist ~~shady~~ woods. BB.c.coll.WD.
B.c.coll.fr. M.c. S.c.

39. Haloragaceae.

Callitriche heterophylla, Pursh. Under water. LB
B. M.r.coll. S.

Callitriche verna, L. Under water. BB.
B.c.(Herb.WD). M.c.coll. S.

Myriophyllum ambiguum, Nutt.var. capillaceum, Torr.& Gray. Shores.
B. M.r.coll. S. BB.

Proserpinaca palustris, L. Swamps and pools. BB.
B.c.(Herb.JRC). M.c.coll.fr. S.

40. Melastomaceae.

Rhexia Virginica, L. Open wet sandy or gravelly soil. BB.
B.r. M. S.

41. Lythraceae.

Decodon verticillatus, Ell. Bogs. BB.
B.c.(Herb.GGK). M. c. S.f.

Lythrum Hyssopifolia, L. ~~Meadows.~~ BB.
B.r. M. S.

42. Onagraceae.

Circaea Lutetiana, L. Moist shady places. BB.r.(HerbWD).
B.c.coll. M.r. S.

Epilobium adenocaulon, Hausskn. Bogs. BB.
B.r.coll.fl. M.f.coll.fl. S.

Epilobium angustifolium, L. ~~Low~~ Wet grassy ground. BB.
B.r.coll.fl. M.f.coll.fl. S.r coll.fl.

Epilobium coloratum, Muhl. Wet grassy ground. BB.
B.c.(Herb.JRC). M. S.

? Epilobium glandulosum, Lehm. Wet ground. BB.
B. M.c. S.

94-95 Install several localities in S.

Re Death Valley and other localities in S.

Epilobium lineare, Muhl. Borders of swamps.
B.c.coll.fl. M.f.coll.fl. S. RB.

Ludwigia palustris, Ell. Bogs and meadows.
B.f.(Herb.JRC). M.f. S. BB.

Onothera biennis, L. Roadsides and housesites.
B.f. M.f. S. BB.

Oenothera pumila, L. Wet places.
B.r.(Herb.GGK). M.f. S.o BB.

45. Cucurbitaceae.

Echinocystis lobata, Torr.& Gray. Roadsides.
B. M.r. S. BB.

47. Ficoideae.

Mollugo verticillata, L. House sites and roadsides.
B.f.coll. M. S. BB.

48. Umbelliferae.

Carum Carui, L. Housesites and roadsides.
B. M.o.(Herb.JRC). S. BB.

Cicuta bulbifera, L. Streams;ditches;bogs.
B.o.coll. M.f. S. BB.

Cicuta maculata, L. Meadows.
B.o. M.f.coll. S. BB.

Conium maculatum, L. Meadows.
B.o.coll. M. S. BB.

Daucus Carota, L. Roadsides and fields.
B. M.c. S. BB.

Hydrocotyle Americana, L. ~~Low damp~~ woods, meadows.
B.f. M.f. S. BB.

Osmorrhiza brevistylis, DC. Damp woods ~~and swamps~~.
B. M.f.(Herb.MI). S. BB.f.coll.

Pastinaca sativa, L. Housesites ans roadsides.
B.f.coll. M.o S.o BB.o

Sanicula Marilandica, L. ~~Woods.~~
B.c.coll.fr. M.f.coll.fr. S. BB.

Sium Carsonii, Durand. Running water.
B.r.coll.lf. M. S. BB.

Sium cicutifolium, Gmel. Wet places.
B.f.(Herb.WD). M.f.coll.fl. S.f. BB.

Pl. [illegible]

Pinus Pumila in a number of widely separated localities in N. & E. rather than O. Atlantic also O, rather than P. in M

49. Araliaceae.

Aralia hispida, Vent. ~~Stony land.~~
B.f.coll. M.c.(Herb.MI). S. BB.

Aralia nudicaulis, L. Woods.
B.o.coll.lf. M.o. S. BB.o.coll.lf.

Aralia racemosa, L. Wooded slopes.
B.r.coll. M.r.coll.fl. S.BB.

50. Cornaceae.

Cornus alternifolia, L.f. Moist places.
B.c.(Herb.GGK). M.f. S.o. BB.o.

Cornus Canadensis, L. Woods.
B.r.coll.lf. M.o. S.o.coll.fl. BB.

Cornus circinata, L'Her.
B.r.coll. M.r.coll.fr. Base of ledges.
S.r. BB.

Cornus florida, L. Dry and moist rocky slopes.
B.c.(Herb.JRC). M.f. S.f.coll.lf. BB.

Cornus paniculata, L'Her. Roadsides; dry open land.
B.o.coll. M.o S.r.coll. BB.o.

Cornus sericea, L. Wet ground.
B.f.coll.fr. M.f. S.f.coll.lf. BB.o.

Nyssa sylvatica, Marsh. Swamps.
B.o. M.o. S.r.coll.fr. BB.

5I. Caprifoliaceae.

Diervilla trifida, Moench. Rocky open woods and hilltops.
B.c.coll. M.f. S.f. BB.

Lonicera Japonica, Thunbg. ~~Planted.~~
B.r.old gardens M. S. BB.

Lonicera sempervirens, Ait. Escaped?
B.r.(Herb.GGK). M.r. S. BB.

Lonicera Tatarica L. ~~Planted.~~
B.r.old gardens M,r. S. BB.

Sambucus Canadensis, L. Meadows and swamps.
B.f. M.o. S.o.coll.fr. BB.o.

Sambucues racemosa, L. Rocky ~~and~~ shady slopes.
B.r.coll.fl. M. S. BB.

Triostemum perfoliatum, L. ~~Brooksides~~; moist woods.
B.o.(Herb.WD). M.o. S. BB.

Viburnum acerifolium, L. ~~Woods.~~
B.c.coll.fr. M.c. S.c.coll.fr. BB.

Viburnum cassinoides, L. ~~Moist woods.~~ Low thickets.
B.o.coll. M.o. S.occoll.fr. Bp.

Viburnum dentatum, L. Swamps; moist woods and fields.
B.o.coll.fr. M.c. S.f. BB.o.coll lf.

Viburnum Lentago, L. Clearings and rocky borders of swamps.
B.o.coll.fl. M.o.coll.fl. S. BB.f.coll.

52. Rubiaceae.

Cephalanthus occidentalis, L. Bogs and meadows.
B.c.coll.fr. M.f.coll.fl. S.c. BB.f.

Galium Aparine, L. Meadows and damp woods.
B. M.f. S. BB.

Galium asprellum, Michx. ~~Moist woods.~~ Wet ground.
B.o.coll. M.f. S. BB.

Galium boreale, L. ~~Plantd.~~
B.r. M. S. BB.

Galium circaezans, Michx. Dry woods.
B.f. (Herb.GGK). M.f.coll. S. BB.

Galium lanceolatum, Torr.
B.c.coll. M.c.coll. S. BB.

Galium pilosum, Ait. Woods.
B.o.coll.fr. M.r.coll.fr. S. BB.

Galium trifidum, L. Meadows.
B.c.(Herb.JAC). M.c.coll. fr. S. BB.

Galium trifidum, L.var latifolium, Torr. Moist land.
B. M.r. B. BB.

Galium triflorum, Michx. Moist woods.
B.o.coll. M.r. S. BB.

Galium verum, L.
B. M. S.r.(Herb.BNHS). BB.

Houstonia purpurea, L.var. longifolia, Gray. Rocky slopes,
B.f.coll. M.o.coll. S.O BB.

Mitchella repens, L. ~~Woods.~~
B.c.coll.fr. M.c. S.c. BB.c.

94 C. in S. & B.B.

11 7. in S.

15 7 in C. & B.B.

55. Compositae.

Achillea Millefolium, L. Woodroads, rocks, about houses.
B.c. L.c. S.c. Bp.c.

Achillea Ptarmica, L. var.fl.pl. hort. Planted.
B.r. old garden M. S. BB.

Ambrosia artemisiaefolia, L.
B.c.soll.fl. M.o. S. BB.o.

Anaphalis Margaritacea, Benth.& Hook. Dry open woods, and fields.
B.c.coll.fl. M.f.coll.fl. S. BB.

Antennaria plantaginifolia, Hook. Thin poor soil.
B.f.(herb.JRC). M.f. S. BB.

Anthemis Cotula, DC. Housesites and roadsides.
B.o. M.o.coll.fl. S.o. BB.o.

Arctium Lappa, L. About houses and waste places.
B.c. M.o. S.o. BB.o.

Artemisia biennis, Willd. Old cultivated fields.
B.r.coll.fl. M. S. BB.

Artemisia vulgaris, L. Roadsides; housesites.
B.o.(Herb.JRC). M. S. BB.

Aster acuminatus, Michx. Rocky banks and damp valleys.
B.f.coll. M.f.coll.fr. S.o. BR.

Aster cordifolius, L. Rocky woods.
B.f.coll.fl. M.f. S. BB.

Aster corymbosus, Ait. Dry woods.
B.f.coll. M.f. S.f. BB.

Aster diffusus, Ait. Woods.
B.c.(Herb.GGK). M.f. S.o. BB.

Aster dumosus, L. Moist land.
B.o.coll. M.o.coll.fl. S. BB.

Aster ericoides, L.
B. M ?.r.coll.fl. S. BB.

Aster Horveyi, Gray.
B.r.coll.lf ?. M. S. BB.

Aster infirmus, Michx.
B.o. M.o. S.r.coll. BB.

Aster junceus, Ait.
B.r.(Herb.GGK). M. S. BB.

64 A specimen of this was collected from [illegible] by R. Brown
Mss. Inventory Board by Mr. Williams

74 Persisting in Port Jackson

Aster laevis, L. Roadsides.
B.f.(Herb.WD). M.c. S. BB.

Aster linariifolius, L. Dry fields and open woods.
B.c.coll.fl. M.c.coll.fl. S.c. BB.

Aster macrophyllus, L. Moist rocky woods.
B.f.Herb.(EFW). M.o.coll.fl. S.o.coll. Bn.

Aster multiflorus, Ait. Dry open land.
B. M.o. S. BB.

Aster nemoralis, Ait.
B.r.(Herb.JRC). M. S. BB.

Aster Novae-Angliae, L.
B.r.coll. M. S. BB.

Aster Novi-Belgii, L. Low ground.
B.c.(Herb.GGK) M.c. S. BB.

Aster paniculatus, Lam. ~~Wet ground.~~
B. M.o.coll. S. BB.

Aster patens, Ait. Dry woods.
B.c.coll. M.c. S. BB.

Aster puniceus, L.
B. M. S. BB.r.coll.

Aster puniceus, L.var. laevicaulis, Gray. Wet ground.
B.r.(Herb.EFW). M. S. BB.

Aster spectabilis Ait.
B.r.(Herb.EFW). M. BL. BB.

Aster umbellatus, Mill. ~~Rocky woods.~~
B.c.coll. M.f.coll. S.c. BB.

Aster undulatus, L. Dryopen woods and fields.
B.c.(Herb.GGK). M.c. S.c. BB.

Aster viminous, Lam. Meadows and low ground.
B.c.(Herb.JRC). M.c. S. BB.

Bidens Beckii, Torr. Pools and slowly moving water.
B.r.coll.fl. M. S. BB.

Bidens cernua, L. Bogs and ditches.
B. M.f.coll.fl. S. [illegible]

Bidens connata, Muhl. Wet open ground.
B. M.c.coll. S.o.coll.fl. BB.

Bidens frondosa, L. Wet and dry ~~low~~ open ground.
B.c.coll. M.c.coll. S.o.coll.fl. Bn.o.

Centaurea Cyanus, L. ~~Planted~~
B.r.old garden M. S. BB.

94-5 Well set on Forest St + near [illegible]
in M.

95 Short house set in Hayes/valley, S.

96 same as last

Centaurea nigra, L. Roadsides and housesites.
B ?.r.(Herb.JAC). M.o. S. BB.

Chrysanthemum Leucanthemum, L. Roadsides and fields.
B.c. M.c. S.c BB.c.

Chrysanthemum Parthenium, Pers. Housesites.
B.r.coll.fl. S. BB.

Cichorium Intybus, L. Roadsides.
B. M.f. S.o BB.

Cnicus arvensis, Hoffm. Roadsides and fields.
B. M.f. S.o BB.

Cnicus lanceolatus, Hoffm. Fields and roadsides.
B.o.coll.fr. M.c. S. BB.

Cnicus muticus, Pursh.
B.o.(Herb.JAC). M. S. BB.

Cnicus pumilus, Torr. Pastures.
B.c. M.f.coll.fl. S. BB.

Erechtites hieracifolia, Raf. Open deep woods.
B.f.coll.fl. M.f. S. f. BB.

Erechtites hieracifolia, Raf. forma ambigua, DC.
B.r.(Herb.JAC). M. S. BB.

Erigeron annuus, Pers. Roadsides and wet places.
B. M.f. S. BB.

Erigeron bellidifolius, Muhl. Dry fields and open woods.
B.o.coll.fl. M.f. S. BB.o.coll.fl.

Erigeron Canadensis, L. Roadsides and fields.
B.f. M.c. S.c BB.

Erigeron Philadelphicus, L.
B.r.(Herb.JAC). M. S. BB.

Erigeron strigosus, Muhl. Roadsides and fields.
B.c.coll.fl. M.f. S. BB.o.coll.fl.

Eupatorium ageratoides, L. Roadsides.
B. M.r. S. BB.

Eupatorium aromaticum, L.
B.f.(Herb.WD). M.o.(Herb.MI). S.collfl. BB.

Eupatorium perfoliatum, L. Swamps and meadows.
B.c.coll.fl. M.f. S.o. BB.

Eupatorium purpureum, L. Meadows and swamps.
B.c.coll. M.c. S.c BB.c

95 Field in two directions in S.

95 along brook near office in S.

Eupatorium purpureum, L. var. amœnum, Gray.
B.r.coll.fl. M. S. BB.

Eupatorium rotundifolium, L. var. ovatum, Torr.
B ?.r.coll. M. S. BB.

Eupatorium sessilifolium, L. Rocky slopes.
B.c.coll. " S. BB.

Eupatorium, teucrifolium, Willd. ~~low~~ moist woods and ~~moist~~ thickets.
B.f.coll.fr. M.e.cl.. S.e.coll.fr. BB.

Gnaphalium decurrens, Ives. ~~Ledges.~~ Thin soil on ledges in Pd
B.r.coll.

Gnaphalium polycephalum, Michx. Open Woods and fields.
B.e.coll.fl. M.c.coll. S.r. BB.

Gnaphalium uliginosum, L. Open ground.
B.c.coll.fl. M.c.coll.fl. S.c. BB.

Helianthus annuus, L. Housesites and ~~waste places,~~ dumps.
B. M.r. S. BB.

Helianthus divaricatus, L. Edges, dry thickets.
B.c.coll.fl. M.c. S.c.coll.fl. BB.

Hieracium Gronovii, L.
B. M. S ?.r. BB.

Hieracium Marianum, Willd.
B.r.(Herb.GGK). M. S. BB.

Hieracium paniculatum, L. Dry woods.
B.c.coll. M.c.coll. S.c BB.

Hieracium scabrum, Michx. Dry woods + fields
B.f.coll. M.f.coll. S.f.coll.fl. BB.

Hieracium venosum, L. ~~Dry~~ open woods.
B.c.coll.fl. M.c. S.c.coll.fl. BB.

Krigia Virginica, Willd. Ledges and dry pastures.
B.c.coll. M.f. S.c BB.

Lactuca Canadensis, L. Moist ~~shrub~~ low thickets.
B.c.coll. M.f. S.c.coll.fr. BB.

Lactuca hirsuta, Muhl. ~~Woods.~~
B.r.coll.fr. M.r.(Herb.MI). S. BB.

Leontodon autumnalis, L. Fields and roadsides.
B.c.coll.fl. M.c. S. BB.c.

Mikania scandens, Willd. ~~Bushy meadows.~~ Low thickets near running water
B.c.coll. M. S.r. BB.c.coll.fr.

Prenanthes alba, L. Woods.
B.c.coll.fl. M.f.coll. S.c. BB.

95 Presumably this coll. in Hackney Valley
swamp S.

This seems to predominate on the tops of the longer hills
N. of Millside & to Pelham Place. & to be rare
or absent from these tops (excepting perhaps Board E. of
Millside)

Prenanthes serpentaria, Pursh.
B.c.coll. Mc.coll.fl. S.c.coll. BB.

Rudbeckia hirta, L. Fields.
B. M.f. S. BB.

Senecio aureus, L. Meadows.
B.f.(Herb.GGK). M.f. S.c BB.c.coll.fl.

Senecio aureus, L.var. Balsamitae, Torr.& Gray. Rocky, open woods.
B. M.r. S. BB.

Sericocarpus conyzoides, Nees. Rocky woods; roadsides.
B.c.coll. M.c.coll.fr. S.c.coll.fr. BB.

Sericocarpus solidagineus Nees. Dry woods and Hilltops.
B.c.coll. M.r.coll.fl. S. BB.

Solidago arguta, Ait.
B.c.coll. M.f. S. BB.

Solidago bicolor, L. Dry woods and roadsides.
B.c.coll. M.c. S.c. BB.

Solidago caesia, L. Dry Woods.
B.f.(Herb.GGK). M.c.(S.c. Bp.c.

Solidago Canadensis, L. Meadows; fields; roadsides.
B.c. M.c. S.c. BB.c.

Solidago canadensis, L. var. glabrata, Porter.
B.r.coll.fl. M. S. BB.

Solidago Canadensis, L. var. procera, Torr.& Gray.
B.r.coll.fl. M. S. BB.

Solidago juncea, Ait. Rocky open woods.
B.c.coll.fl. M.c.coll.fl. S. BB.

Solidago lanceolata, L. Moist ground and borders of woods.
B.f.coll.fl. M.f. S. BB.

Solidago latifolia, L. Moist foot of ledges.
B.c.coll.fl. M.c.coll.lf. S. BB.

Solidago neglecta, Torr.& Gray. Moist places.
B.c.coll.fl. M.c. S.c.coll.fl. Bp.

Solidago nemoralis, Ait. Roadsides.
B.c.coll.fl. M. S.c BB.

Solidago odora, Ait. Open ground and dry woods.
B.f.coll. M.f.coll. S.c. BB.

Solidago puberula, Nutt. Dry fields and open woods.
B.c.coll. M.c.coll. S. BB.

Solidago rugosa, Mill. Edge meadows and in fields
B.f.coll. M.f. S. BB

Solidago rugosa x serotina (?). Swamps.
L. M.r. S.r.coll. BB.

Solidago serotina, Ait. Moist ground.
B.o.coll. M.f. S. BB.

Solidago serotina ?Ait. var. gigantea, Gray. Moist and wet places
B.c.(Herb.JRC). M.f.coll.fl. S.f.coll.fl. BB

Solidago ulmifolia, Muhl. Damp woods and fields.
B.c.coll. M.c.coll.fl. S.c.coll fl. BB

Sonchus asper, Vill. Housesites; roadsides; fields.
B. M.f. S. BB.

Sonchus oleraceus, L. Fields and waste places.
B. M.r.coll.fr. S. BB.

Tanacetum vulgare, L. Housesites and roadsides.
B.c.coll.fl. M.c. S.c BB.

Taraxacum officinale, Weber. Open fields.
B.c. M.c. S.c. BB.c.coll.fl.

Taraxacum officinale, Weber, var. glaucescens, Koch. ~~Slopes.~~
B. M. S. BB.r.coll.fr.

Xanthium Canadense, Mill. var.echinatum, Gray. Waste places;housesites.
B.r.(Herb.JRC). M. S. BB.

56. Lobeliaceae.

Lobelia cardinalis, L. Meadows; swamps in partial shade.
B.f.coll.fl. M.f. S.c. BB.

Lobelia inflata, L. Moist open fields and roadsides.
B.f.coll. M.f.coll.fl. S. BB.

Lobelia spicata, Lam. Wet ground. Moist open fields
B. M.f. S. BB.

Lobelia Dortmanna, Shallow water ponds
B.r.

94- Park, Isadore B. 95 Washington St. S.

94 I doubt if this would service unless continued in the present fashion

57. Campanulaceae.

Campanula aparinoides, Pursh. Grassy meadows.
B.o.(Herb.GGK). M.o. S. BB.

Campanula divaricata, Michx. ~~Planted~~
B.r. old gardens M. S.r. roadside BB.

Platycodon grandiflorus, DC. ~~Planted.~~
B.r. old garden M. S. BB.

Specularia perfoliata, A.DC. Rocks and open woods.
B.f.(Herb.JRC). M.f. S. BB.

58. Ericaceae.

Andromeda ligustrina, Muhl. Thin woods and moist land.
B.coll.fr. M.c. S.c. BB.c.

Arctostaphylos Uva-ursi, Spreng. Hilltops,.
B.f.coll.fr. M.r. S.o. BB.

Cassandra calyculata, Don. Boggy places.
B.o. M.f. S.c.coll.fr. BB.

Chimaphila maculata, Pursh. Dry woods.
B.o.(Herb.JRC). M.r. S. BB.

Chimaphila umbellata, Nutt. Dry woods,
B.f.coll. M.f. S.f.coll. BB.

Clethra alnifolia, L. Swamps and wet woods.
B.c.coll.fl. M.f.(Herb.WD). S.c.coll. BB.

Epigaea repens, L. Woods.
B.r.(Herb.JRC). M. S. BB.

Gaultheria procumbens, L. Bushy pastures and woods.
B.c.coll.fl. M.c. S. BB.

Gaylussacia frondosa, Torr. & Gray. Dry wooded rocky slopes.
B.f.coll. M.f. S.c BB.

Gaylussacia resinosa, Torr. & Gray. Thin woods and dry fields.
B.c.coll. M.c. S.c.coll. BB.c.

Kalmia angustifolia, L. Open places in woods, pastures.
B.o. M.f. S.f.coll.fl. BB.o.

Kalmia latifolia, L. Moist rocky hillsides.
B.r.coll.fr. M. S. BB.

Leucothoe racemosa, Gray. Wet ~~ground~~ low thickets
B.o.coll. M.o.coll.fl. S.r.coll. BB.

95 Sin. vult gumund S.

95 [illegible] in wrgt from Muddyfoot, S.

Moneses grandiflora, Salisb.
B. M.o. S. BB.

Monotropa Hypopitys, L. ~~Damp~~ Woods.
B.o.coll.fr. M.f. S. BB.

Monotropa uniflora, L. Woods.
B.o.coll. M.f. S. BB.

Pyrola chlorantha, Swartz. Woods.
B. " M.r. S. BB.

Pyrola elliptica, Nutt. Woods.
B.f.coll.fr. M.c.coll.fl. S. BB.

Pyrola rotundifolia, L. Woods.
B.f.(Herb.JHC). M.o. S.o. BB.

Rhododendron nudiflorum, Torr. Woods.
B.r. M. S. BB.

Rhododendron Rhodora, Don. Swamps.
B.o.(Herb.JHC). M.r. S.o BB.

Rhododendron viscosum, Torr. Bogs and swamps.
B.o.coll.fr. M.f. S.o.coll. BB.

Rhododendron viscosum, Torr.var. glaucum, Gray. Borders of swamps
B.r.coll.lf. M.c. S.r.coll.fr. BB.

Vaccinium corymbosum, L. Moist and wet open places.
B.o.(Herb.WDS). M.f. S. BB.r.coll.fl.

Vaccinium corymbosum, L.var. amoenum, Gray. Moist open places.
B.o.(Herb.GdK). M. S. BB.

Vaccinium corymbosum, L.var. atrococcum, Gray. Moist open ground.
B. M.f. S. BB.

Vaccinium macrocarpon, Ait. Wet open land.
B.c.(Herb.JHC). M.c. S.c.coll.fl. BB.

Vaccinium Pennsylvanicum, Lam. Hilltops and open pastures, thin woods
B.f.coll.fr. M.c. S.c. BB.o.
S.r.

Vaccinium vacillans, Soland. ~~Upland~~ Dry woods.
B.c.coll. M.c. S.c.coll. BB.c.

61. Primulaceae.

Hottonia inflata, Ell. ~~Stagnant~~ water.
B. M.r.(Herb.MI). S.Y. BB.

Lysimachia nummularia, L. Moist fields. Naturalized
B. M.r. S. BB.

a.s-95

Lysimachia quadrifolia, L. Open woods and low ground.
B.c.coll.fr. M.c. S.f.coll. BB.

Lysimachia stricta, Ait. Meadows.
B.f.(Herb.GHK). M.o. S.r BB.

Lysimachia thyrsiflora, L. Swamps and bogs.
B. M.r. S. BB.

Lysimachia vulgaris, L. ~~Planted~~,
B.r. old garden M. S. BB.

Steironema ciliatum, Raf. Bogs and meadows.
B.r.coll. M.r. S. BB.

Steironema lanceolatum, Gray. Meadows.
B.r.coll. M.o. S.o.coll.fl. BB.r.(Herb.WD)

Trientalis Americana, Pursh. ~~Damp~~ Woods.
B.f.(Herb.WD). M.c. S. BB.

65. Oleaceae.

Fraxinus Americana, L. Woods and fields.
B.o. M.c. S.o. BB.f.

Fraxinus pubescens, Lam. Near and in swamps in M.
B.o. M.r.(Herb.JAC). S.r. BB.r.

Fraxinus sambucifolia, Lam. Swamps.
B.o.coll. M. S.r. BB.r.

Ligustrum vulgare, L. Housesites; pastures; ledges.
B.f.coll.fr. M.c. S.c. BB.o.

Syringa vulgaris, L. ~~Planted.~~
B.r. old garden M.o S. BB.

66. Apocynaceae.

Apocynum androsaemifolium, L. Fields and open woods.
B.f.coll.fr. M.f. S.o. BB.

Apocynum cannabinum, L.
B. M.r.coll.lf. S. BB.

67. Asclepidiaceae.

Asclepias Cornuti, Dcne. Roadsides, fields
B.c. M.c. S. BB.

Asclepias incarnata, L.var.pulchra, Gray. ~~bogs and roadsides.~~ wet
B.o.coll. M.f.coll.fl. S.o.coll.fl. BB.

wet open places

95 [illegible] cell in Eilley [illegible]

95 in [illegible]

95 [illegible]

95

Asclepias phytolaccoides, Pursh. Roadsides; open woods in small patches.
B.o.coll.fr. M.r. S.r. BB.

Asclepias purpurascens, L. Roadsides.
B ?.r. M. S. BB.

Asclepias quadrifolia, L. ~~Rocky~~ woods.
B.o.(Herb.WD) M.o. S.r. BB.

Asclepias verticillata, L. Hilltops, slopes
B. M. S.r.coll.fr. BB.

69. Gentianaceae.

Bartonia tenella, Muhl. Swamps.
B.o.coll.fl. M. S. BB.

Gentiana crinita, Froel. ~~Low~~ Meadows.
B ?.r. M. S. BB.

Limnanthemum lacunosum, Griseb.
B.r.(Herb.GGK). M. S.o BB.

Menyanthes trifoliata, L. Bogs.
B.r. M. S.r. BB.

72. Borraginaceae.

Cynoglossum officinale, L. Roadsides.
B. (Herb.JRC). M.r.(Herb.WD). S. BB.

Echium vulgare, L. Roadsides and fields.
B. M.r. S. BB.

Myosotis laxa, Lehm. Meadows and streams.
B. M.c. S. BB.c.coll.

Myosotis palustris, With. Pond edge.
B. M. S. BB.c.coll.

Myosotis verna, Nutt. Thin soil.
B.r. M.c.(Herb.WD). S. BB.r

73. Convulvulaceae.

Calystegia sepium, L. ~~Planted.~~
B.r. M. S. BB.

Cuscuta Gronovii, Willd. Moist thickets.
B.f.coll.fl. M.f. S.f.coll. BB.

Ipomaea hederacea, Jacq.
B.r.(Herb.GGK). M. S. BB.

74. Solanaceae.

Lycium Chinense, Mill. ~~Planted.~~
B.r. M. S. BB.

Lycopersicum esculentum, Mill. Roadsides and dumps.
B.r.coll.lf. M. S. BB.

Petunia nyctagynifolia, Juss. ~~Plant d.~~
B.r. M. S. BB.

Solanum Carolinense, L. Fields.
B.r.coll. M. S. BB.

Solanum Dulcamara, L. Moist ~~place~~
B.f.coll. M.f. S.c. BB.f.coll.fr.

75. Scrophulariaceae.

Chelone glabra, L. Wet places.
B.c.(Herb.GGK). M.f. S. BB.c.(Herb.WJ)

Gerardia flava, L. Dry land and woods.
B.c.coll. L.f.coll.fl. S.f.coll.fl. BB.

Gerardia pidicularis, L. Dry woods.
B.c.coll. M.c.coll.fl. S.c. BB.

Gerardia purpurea, L. (?). ~~Woody low ground.~~
B.f.coll.fl. M.f.coll.fr. S. BB.

Gerardia purpurea, L.var. paupercula, Gray. Moist
B.c.coll.fl. M.c.(Herb.MI). BB.
c.White fl. form (Herb.MI).

Gerardia quercifolia, Pursh. Open woods.
B.f.coll. M. S. BB.

Gerardia tenuifolia, Vahl. Woods
B.c.coll.fl. M.c.coll. S.c.coll.fl. BB.
c.White fl. form (Herb.MI).

Gratiola aurea, L. ~~Pond edges.~~
B.r.coll. M.r.coll.fl. S. BB.

Ilysanthes riparia, Raf. Gravelly and sandy shores.
B.r M.r.coll. S. BB.

Linaria Canadensis, Dumont. Roadsides; ~~edges.~~
B.f.coll.fr. M.c.coll. S.c BB.

Linaria vulgaris, Mill. Waste open ground and house sites.
B.r. M.r. S.o BB.o

Melampyrum Americanum, Michx. Dry woods.
B.c.coll.fr. M.c. S.c. BB.o.

Mimulus ringens, L. Meadows and swamps.
B.f.coll.fl. ...c. S. BB.

Pedicularis Canadensis, L. Woods and moist fields.
B.f.coll.lf. F.c.(Herb.WD). S. BB.

Verbascum Thapsus, L. Housesites and pastures.
B.o. F.f. S. BB.

Veronica arvensis, L. Waste sites and cultivated fields.
B. F.f.coll.fl. S. B..c.(Herb.WD

Veronica officinalis, L. Open grassy places in low woods.
B. F.o.coll.fl. S. BB.

Veronica peregrina, L. Ponds.
B. F. S. BB.c.(Herb.WD)

Veronica scutellata, L. Open Wet places.
B.c.coll.f.. F.f. S. BB.f.coll.fl.

Veronica serpyllifolia, L. Open fields.
B.c.coll.fl. F.c. S. BB.f.coll.fl.

76. Orobanchaceae.

Aphyllon uniflorum, Gray. ~~Among bushes.~~ Low thickets
B.r.(Herb.GBK). F.r.coll.fl. S.? BB.

Conopholis Americana, Wallroth.
B. F.r.(Herb.BNHS). S. BB.

Epifagus Virginiana, Bart. Beech woods.
B.c.(Herb.JHC). F. S. BB.

77. Lentibulariaceae.

Utricularia intermedia, Hayn. Bogs.
B.r.(Herb.JHC). F. S. BB.

Utricularia gibba, L. Wet sand.
B. F.r.(Herb.F I). S. BB.

Utricularia purpurea, Walt. Shallow water.
B. F.f.(Herb.F I). S. BB.

Utricularia vulgaris, L. Ditches.
B. F.c. S. BB.

95

78. Bignoniaceae.

Catalpa bignonioides, Walt. ~~Planted~~
B. Bot. garden K. S. BB.

81. Verbenaceae.

Verbena hastata, L. Meadows and wet pastures.
B.c. M.c. S. BB.

Verbena urticaefolia, L. Meadows and wet pastures.
B. M.f. S. BB.

82. Labiatae.

Brunella vulgaris, L. Open woods and fields.
B.c. M.c. S.c. BB.c.

Galeopsis Tetrahit, L. Roadsides and ~~waste places~~.
B.r.coll. M. S. BB.

Hedeoma pulegioides, Pers. Ledges dry fields.
B.c.coll. M.c.coll.fr. S. BB.

Leonurus Cardiaca, L. Roadsides ~~and~~ waste places.
B.r.coll.fr. M.c.coll. S. BB.

Lycopus sinuatus, Ell. Meadows ; swamps ; roadsides.
B.c.coll.fl. M.c. S. BB.

Lycopus Virginicus, L. Meadows ; swamps ; roadsides.
B.r.(Herb.WD). M.f.coll.fl. S. BB.

Mentha Canadensis, L. Meadows; ~~planted~~.
B.r. M.f.coll.fl. S. BB.

Nepeta Cataria, L. Roadsides ; house sites ~~and planted~~.
B.c. M.r. S. BB.

Nepeta Glechoma, Benth. Roadsides and house sites
B.c.coll.lf. M.r. S. BB.

Pycnanthemum clinopodioides, Gray. Dry slopes.
B.r.(Herb.GGK). M. S. BB.

Pycnanthemum incanum, Michx. Dry slopes and ledges.
B.f.coll.fl. M. S. BB.

Pycnanthemum linifolium, Pursh. Rocky hillsides.
B.r.coll.fl. M. S. BB.

Pycnanthemum muticum, Pers.
B.r.(Herb.GGK). M. S. BB.

Scutellaria lateriflora, L. Bogs and swamps.
B.f.coll.fl. M.f.coll.fl. S. BB.

Stachys aspera, Michx.
B.r.Coll.lf. M. S. BB.

Thymus serpyllum, L.
B.r.(Herb.BMHS). M. S. BB.

Trichostema dichotomum, L. Gravelly ~~roadsides and fields~~.
B.c. M.c. S.c. BB.c.coll.

83. Plantaginaceae.

Plantago lanceolata, L. Roadsides ; fields and housesites.
B.c.coll. M.c. S.c. BB.c.coll.

Plantago major, L. Fields ; housesites and roadsides.
B.c. M.c. S.f. BB.c.

Plantago Rugelii, Done. Roadsides and housesites.
B.f. M.c.coll.fl. S. BB.

85. Illecebraceae.

Anychia capillacea, DC. Roadsides and open woods.
B.c.coll. M.r. S. BB.

Anychia dichotoma, Michx, Roadsides and open dry woods.
B.c.coll. M.r. S. BB.

Scleranthus annuus, L. Roadsides and waste grounds,
B. M.f. S. BB.f.collfr.

86. Amarantaceae.

Amaranthus retroflexus, L. Roadsides and about buildings.
B.r.coll.fl. M.c. S. BB.

87. Chenopodiaceae.

Chenopodium album, L. Waste places and cultivated ground.
B.r.coll. M.c.coll. S. BB.

Chenopodium ambrosioides, L.
B.r.(Herb.GGK). M. S. BB.

Chenopodium hybridum, L. Roadsides.
B.r. M. S. BB.

Chenopodium murale, L. Cultivated field.
B.c.coll. M. S. BB.

A4 Schema to be completed if there exist in organs hibernating in B.

88. Phytolaccaceae.

Phytolacca decandra, L. ~~Fields.~~
E.o.coll.fl. E.o. S. BE.

89. Polygonaceae.

Fagopyrum esculentum, Moench. Fields and waste places.
B. M.r. S. BB.

Polygonum acre, HBK. Wet places.
B.o.coll.fl. M.o. S. BB.

Polygonum arifolium, L. Bogs in woods.
B.f.(Herb.WD). M.f.coll. S.e. BB.

Polygonum aviculare, L. Gravelly waste ground.
B.r.coll.fl. M. S. BB.

Polygonum Careyi, Olney.
B.r.(Herb.JHC). M. S. BB.

Polygonum Convolvulus, L. Moist low thickets.
B.c.coll. M.o. S. BB.

Polygonum dumetorum, L.var. scandens, Gray. Moist thickets.
B.r.coll.fl. M.r. S. BB.

Polygonum Hydropiper, L. Wet places.
B.f.coll.fl. M.c.coll.fl. S.c. BB.

Polygonum hydropiperoides, Michx. Bogs.
B.f.coll.fl. M.f.coll.fl. S. B.f.coll.fr.

Polygonum lapathifolium, L. var. incanum, Koch. Shores and bogs.
B.c. M.c.coll. S. BB.

Polygonum lapathifolium, L. var. incarnatum, Wats. ~~Shores~~
B. M.f.coll. S. B.

Polygonum Muhlenbergii, Watson, Bogs.
B.r.coll.fl. M. S. BB.

Polygonum Persicaria, L. Moist and wet ground.
B.f.coll.fl. M.c. S. BB.

Polygonum sagittatum, L. Open Meadows and swamps.
B.c.coll.fl. M.c. S.e BB.

Polygonum tenue, Michx. Hilltops.
B.c.coll. M. S. BB.

Polygonum Virginianum, L.
B. M. S.c. BB.

Rumex Acetosa, L. Moist ground.
B. M.r.(Herb.WPR). S. BB.

Rumex Acetosella, L. Housesites & roadsides and fields.
B.c. M.c. S.c BB.c.coll.

Rumex crispus, L. House-sites ; roadsides and fields.
B.f. M.c. S. BB.

Rumex obtusifolius, L. Roadsides ; housesites and fields.
B.c.(Herb.JHC). M.c.coll.fr. S. BB.

96. Lauraceae.

Lindera Benzoin, Blume. Shady wet runs.
B.f.coll.fr. M.f. S.f. BB.f.coll.fr.

Sassafras officinale, Nees. Dry slopes and hilltops.
B.f.(Herb.dM). M.f. S.f. BB.

95. Thymelaeaceae.

Daphne Mezereum, L.
B. M ?. S. BB.

97. Santalaceae.

Comandra umbellata, Nutt. Thin dry woods and fields.
B.c.coll.fl. M.f.(Herb.WD). S.c.coll.fl. BB.

93. Euphorbiaceae.

Acalypha Virginica, L. Dry sandy soil and roadsides in shade.
B.f. M.f.coll.fl. S.f BB.

Buxus sempervirens, L. Plants.
Borders gardens M. S. BB.

Euphorbia Cyparissias, L. Roadsides and house-sites.
B. M.c. S. BB.

Euphorbia maculata, L. Dry fields.
B.c.coll.fl. M.c.coll. S. BB.

99. Urticaceae.

Boehmeria cylindrica, Willd. Wet shady places.
M.r.coll.fr. M.r. S. BB.r.(Herb.WD)

Morus alba, L. Plantations.
Borders gardens M. S. BB.

Pilea pumila, Gray, B.r.coll.	M.r.(Herb.MI).	Moist woods. S.	BB.
Ulmus Americana, L. B.f.	M.f.	Moist places, ~~and~~ planted. S.o.	BB.c.
Urtica gracilis, Ait, B.	M.f.	Waste grounds and roadsides. S.	BB.

100. Platanaceae.

Platanus occidentalis, L. B.o	M.o	Near running water. S.	B.B.?

101. Juglandaceae.

Carya alba, Nutt. B.f.	M.c.	Woods. S:	BB.
Carya amara, Nutt. B.	M.r.	Woods. S.	BB.
Carya porcina, Nutt. B.c.(Herb.JKC).	M.f.	Rocky woods. S.	BB.
Carya tomentosa, Nutt. B.c.(Herb.GGK).	M.r.	Hilltops. S.	BB.
Juglans cinerea, L. B.r.(Herb.JKC).	M.c	Rocky slopes. S.	BB.r.
Juglans cinerea x nigra. B.r. old garden	M.	(Hybrid). S.	~~Planted.~~ BB.
Juglans nigra, L. B.r.	M.	Planted (?). S.	BB.
Juglans regia, L. B.	M.	S.	BB.r.coll.lf

102. Myricaceae.

Myrica asplenifolia, Endl. B.c.coll.lf.	M.c.	Dry fields and open woods. S.c.	BB.c.
Myrica cerifera, L. B.o.	M.c.	Open fields and thin woods. S.o.	BB.o.
Myrica Gale, L. B.o.coll.	M.o.	Meadows; edge of ditches. S.	BB.

95 This is the common [illegible] of the Northern part of the
Peninsular

103. Cupul.ferae.

Alnus incana, Willd. — Wet places.
E.f. N.c. S.c. BF.c.coll.fr.

Alnus serrulata, Willd. — Wet land.
B.c(Herb.BK). N.c. S. BB.c.coll.fr.

Betula lenta, L. — Moist rocky slopes.
B.c.coll.fr.lf. N.c. S.r.coll.fr. BB.

Betula lutea, Michx.f.. — Moist valleys and slopes.
.B.r. N.c. S. BB.

Betula papyrifera, Marshall. — Rocky wooded slopes.
E. N.r. S. B..

Betula populifolia, Ait. — Swamps and open fields,
B.c. N.f. S.c. BB.f.

Carpinus Caroliniana, Walt. — Cool rocky ravines.
B.c.coll.fl. N.r. S. B..

Castanea sativa, Mill. var. Americana, Wats. — Well drained slopes.
B.c. N.r. S. BB.

Corylus Americana, Walt. — Dry open land.
E.f.coll.fr. N.c. S.c. BB.c.

Corylus rostrata, Ait.. — Thickets.
E.c.(Herb.GH.). N.c. S. BB.

Fagus ferruginea, Ait. — Woods.
E.c.(Herb.WD). C.r. S.r. BB.

Ostrya Virginica, Willd. — Meadows and moist woods.
L.c.coll.fr. N.f. S.c. BB.

Quercus alba, L. — Everywhere except in ~~bogs, meadows and swamps.~~ very wet places
E.c. L.c. S.c. LL.c.

Quercus bicolor, Willd. — Wet ground.
B.r. N.f. S.c. BB.c.

Quercus coccinea, Wang. — Dry slopes and fields.
B.r. N.f. S.f. BB.c.

Quercus coccinea, Wang. var. tinctoria, Gray. — Woods.
B.c. N.f. S.f.coll.lf. BB.f.

Quercus ilicifolia, Wang. — Open woods and slopes. & hilltops
B.c.coll.fl. N.c. S.c. BL.c.

Quercus Muehlenbergii, Engelm. — Woods.
B.r.(Herb.GH). N. S. BB.

Quercus prinoides, Willd. — Hilltops and slopes.
B.c.coll.fr. N.c. S. BL.

9th. Dr. M. specimen is reported by Mr D since ... being outside this ? examination, taken ?, a recent taking may have included it.

23 Presumably this. Leaves were called in B

Quercus Primus, L.		Woods.	
B.f.coll.	M ?.r.	S.	BB.
Quercus rubra, L.		Woods.	
B.c.	M.c.	S.c.	BB.c.

I04. Salicaceae.

Populus balsamifera, L. var. candicans, Gray.		~~Moist and wet grounds.~~	
B.r.	M.r.	S.	BB.
Populus grandidentata, Michx.		Sprout land.	
B.f.	M.f.	S.f.	BB.
Populus tremuloides, Michx.		Sprout land.	
B.c.	M.f.	S.	BB.
Salix alba, L.		Meadows and shores.	
B.c.	M.c.	S.c.	BB.c.
Salix cordata, Muhl.		Wet ground.	
B.f.(Herb.JRC).	M.c.	S.	BB.
Salix cordata x sericea, (fide [illegible].S.Bebb)			
B.r.(Herb.JRC).	M.	S.	BB.
Salix discolor, Muhl.		Swamps, meadows and shores.	
B.f.coll.lf.	M.f.coll.lf.	S.f.	BB.f.
Salix lucida, Muhl.		Meadows, swamps and shores.	
B.c.(Herb.JRC).	M.c.	S.	BB.
Salix myrtilloides, L.		Meadows.	
B.	M.c.	S.	BB.
Salix nigra, Marsh.		Bogs, meadows and swamps.	
B.	M.	S.r.coll.lf.	BB.
Salix petiolaris, Smith.		Meadows, edges woods.	
B.	M.c.coll.lf.	S.	BB.
Salix purpurea, L.		Low land.	
B.	M.r.	S.	BB.
Salix rostrata, Rich.		Moist places.	
B.c.(Herb.JRC).	M.	S.	BB.
Salix tristis, Ait.		Gravelly fields and low thickets.	
B.r.coll.lf.	M.c.	S.r.coll.fr.	BB.
Salix nigra, Marsh. var. falcata, Torr.		Bogs.	
B.r.coll.lf	M.	S.	BB.

p. 5 This is [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
a [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible]

p. 10 An old tree is [illegible]

107. Coniferae.

Chamaecyparis sphaeroidea, Spach. B.o.(Herb.WD).	M.f.	Swamps. S.	BB.
Juniperus communis, L. B.o.(Herb.GGK).	M.o.	Open pastures and ledges, S.o.	BB.c.
Juniperus Virginiana, L. B.c.(Herb.JRC).	M.c.	Ledges, hilltops and pastures. S.c.	BB.c.(Herb.WD)
Picea nigra, Link. B.r.	M.	~~Planted.~~ S.	BB.
Picea excelsior, Lk. B.o.	M.o.	~~Planted.~~ S.	BB.r.
Pinus rigida, Mill. B.f.	M.f.	Hilltops and slopes. S.f.	BB.f.
Pinus Strobus, L. B.c(Herb.J.C).	M.f.	~~Moist and wet~~ places. S.c.	BB.o.
Pinus sylvestris, L. B.	M.	~~Planted.~~ S.	BB.r.
Tsuga Canadensis, Carr. B.f.	M.f.	Rocky woods & slopes and moist valleys. S.	BB.

108. Hydrocharidaceae.

Elodea Canadensis, Michx. B.o.coll.	M.f.coll.	Shallow waters S.f.coll.	BB.

110. Orchidaceae.

Arethusa bulbosa, L. B.r.	M.	~~Bogs.~~ Wet grassy land S.	BB.
Calopogon pulchellus, R.Br. B.o.(Herb.J.C).	M.	Bogs. Wet grassy land S.o	BB.
Corallorrhiza innata, R.Br. B.r.(Herb.WD).	M.	S.	BB.
Corallorrhiza multiflora, Nutt. B.c.coll.fr.	M.o.(Herb.MI).	Rich woods. S.	BB.
Corallorrhiza odontorhiza, Nutt. B.	M.?.M.	S.r.	BB.
Cypripedium acaule, Ait. B.c.coll.fr.	M.f.	Open Woods. S.	BB.

Goodyera pubescens, R.Br. B.c.coll.lf.	M.	Woods. S.	BB.
Goodyera repens, R.Br. B.r.coll.lf.	M.r.	Rich woods. S.	Bb.
Habenaria blephariglottis, Torr. B.r.coll.fl.	M.	Wet grassy places S.	B.
Habenaria fimbriata, R.Br. B.r.coll.fr.	M.	Swamps and moist woods. S.	Bb.
Habenaria Hookeri, Torr. B.r.	M.r.(Herb.M.I).	Dry woods S.	BB.
Habenaria lacera, R.Br. B.r.	M.r.	~~Meadows.~~ Wet & moist grassy places S.	Bb.
Habenaria psycodes, Gray. B.r.coll.fl.	M.r.	Meadows and swamps. S.	BB.
Habenaria tridentata, Hook. B.r.coll.fr.	M.	Wet ~~ground.~~ woods & grassy places S.	Bb.
Habenaria virescens, Spreng. B.r.(Herb.GGK).	M.	Wet grassy places S.	BB.
Liparis liliifolia, Rich. B.r.(Herb.JAC).	M.	S.	Bb.
Microstylis ophioglossoides, Nutt. L.r.	M.	S.	BB.
Pogonia ophioglossoides, Nutt. B.f.(Herb.JAC).	M.	~~Bog ground.~~ Wet grassy places S.	BB.
Pogonia verticillata, Nutt. B.f.coll.lf.	M.	Woods. S.	BB.
Spiranthes cernua, Rich. L.c.coll.fl.	M.c.coll.fl.	Meadows. S.	BB.
Spiranthes gracilis, Bigel. B.f.coll.fl.	M.f.coll.fl.	Dry fields. S.	BB.
Spiranthes praecox, Watson. B.r.(Herb.GGK).	M.G.	S.	Bb.

II3. Iridaceae.

Iris Germanica, L. — Planted.
B.r.old garden — M. — S. — BB.

Iris prismatica, Pursh.
B.r.coll.fr. — M. — S. — BB.

Iris versicolor, L. — Meadows.
B.c.coll. — M.c. — S. — BB.c.coll.fl.

Sisyrinchium anceps, Cav. — Moist ground.
B.c.(Herb.WD). — M.c.coll. — S. — BB.f.coll.fr.

Sisyrinchium angustifolium, Mill. — Meadows.
B.c.(Herb.GGK). — M.c. — S.f. — BB.c.coll.fl.

II4. Amaryllidaceae.

Hypoxis erecta, L. — Dry open woods and fields.
B.c.coll.fl. — M.c. — S.c — BB.c.coll.fl.

II6. Liliaceae.

Allium Canadense, Kalm. — Pastures,
B. — M.c.coll. — S. — BB.c.coll.

Asparagus officinalis, L. — Fields and roadsides.
B.r. — M.c. — S. — BB.c.

Convallaria majalis, L. — Planted.
B.r.old garden — M. — S. — BB.

Convallaria majalis, L.var. fl.roseo, hort. — Planted.
B.r.old garden — M. — S. — BB.

Erythronium Americanum, Ker. — Moist woods.
B.r. — M.c. — S. — BB.c.coll.lf.

Funkia lancifolia, Spr. — Planted
B.r.old garden — M. — S. — BB.

Hemerocallis fulva, L. — Planted.
B.r.old garden — M. — S. — BB.

Lilium Canadense, L. — Meadows.
B.r(Herb.JRC). — M.c. — S. — BB.r.coll.lf.

Lilium Philadelphicum, L. — Open places in dry woods.
B.f.coll.fr. — M.f. — S.f.coll.fl. — BB.

Lilium tigrinum, Ker. — Planted
B.r.old garden — M. — S. — BB.

Majanthemum Canadense, Desf. Woods.
B.c.(Herb.JRC). M.c. S.c. BB.c.coll.fl.

Medeola Virginica, L. Damp woods.
B.f.(Herb,JRC). M.c. S.c. BB.

Oakesia sessilifolia, Wats. Open woods.
B.c. M.c. S. BB.

Ornithogalum umbellatum, L. ~~Planted.~~
B.r. old gardens M. S. BB.

Polygonatum biflorum, Ell. Damp rocky woods.
B.c.coll. M.f.(Herb.MI). S. BB.

Smilacina racemosa, Desf. Rocky wooded hillsides.
B.c.coll.fr. M.c.(Herb,MI). S.c. BB.c.coll.fl

Smilax herbacea, L. Damp borders of woods.
B.c.(Herb.JRC). M.f. S. BB.

Smilax rotundifolia, L. Open swamps and dry slopes.
B.c.(Herb,JRC). M.f.(Herb.MI). S.f. BB.c.coll.fl

Trillium cernuum, L. Moist woods.
B.c.coll.lf. M.f. S. BB.

Uvularia perfoliata, L.
B. M.r.(Herb.MI). S. BB.

Veratrum viride, Ait. Swampy meadows.
B. M.c. S. BB.c.coll.fl

Yucca filamentosa, L. ~~Planted.~~
B.r. old gardens M. S. BB.

II7. P.notdarisceae.

Pontederia cordata, L. Shallow water.
B.c. M.c. S.c. BB.c.

II8. Xyridaceae.

Xyris Caroliniana, Walt.
B ?.r.coll. M. S. BB.

Xyris flexuosa, Muhl. Sandy shores.
B.r.coll.fr. M. S.r.coll.fr. BB.

Xyris flexuosa, Muhl.var. pauciflora, Gray. Sandy shores.
B.r.(Herb.EEW). M. S. BB.

121. Juncaceae.

Juncus acuminatus, Michx.
B.c(Herb.JRC). M. S. BB.

Juncus acuminatus, Michx. var.legitimus, Engelm. Swamps.
B. M.c.coll. S. BB.f.c.ll.

Juncus articulatus, L. Meadows.
B.f.c.ll. M.c.coll. S. B.c.

Juncus bufonius, L. Meadows.
B.c.c.ll. M. S. BB.

Juncus Canadensis, J.Gay. var.coaretatus, Engelm. Meadows.
B.c.coll. M.c.coll. S. BB.

Juncus Canadensis, J.Gay. var. long caudatus, Engelm. Swamps.
B. M.c.coll. S. BB.

Juncus Canadensis, J.Gay. var.suberudatus, Engelm. (?) Damp woods.
B...coll. M. S. BB.

Juncus effusus, L. Meadows and swamps.
B.c.(Herb.JRC). M. S. BB.f.coll.

Juncus Greenii, Oakes & Tuck.
B...(Herb.JRC). M. S. BB.

Juncus marginatus, Rostk.
B.c.coll. M...coll. S. B..c.coll.

Juncus polycaepus, E.Meyer. Swamps.
B.r.(Herb.EFW). M. S. BB.

Juncus tenuis, Willd. Dry and ledgey soil.
B.f.coll. M.c.coll. S. BB...coll.

Luzula campestris, DC. Swampy borders of woods.
B.c.(Herb.GGK). M.c.coll. S.c. BB.c.coll.fr.

122. Typhaceae.

Sparganium simplex, Huds. Bogs and ditches.
B.f.coll. M.f.coll. S. BB.

Sparganium simplex, Huds. var.androcladium, Engelm. Shores.
B.r. M. S. B..

Sparganium simplex, Huds.var.angustifolium, Engelm. Bogs.
B.r.coll. M. S. BB.

Typha angustifolia, L. Bogs.
B.r.coll.fr. M. S. BB.

Typha latifolia, L. Bogs and shores.
B.f.(Herb.JRC). M.c. S.c. BB.c.

I23, Aracoae.

Acorus Calamus, L. — Swamps.
B. M.c. S. BB.r.coll.

Arisaema triphyllum, Torr. — Bogs. Wet woods. Thickets
B.c.coll.fr. M.f. S. B.c.coll.fl.

Calla palustris, L. — Swamps.
B.r.coll.fr.lf. M.r. S. BB.

Peltandra undulata, Raf. — Swamps.
B.f.coll.fr.lf. M. S. BB.

Symplocarpus foetidus, Salisb. — Wet places.
B.c.(Herb.GGK). M.c. S.c. B.c.(Herb.WD)

I24. Lemnaceae.

Lemna minor, L. — Pools, ditches and streams,
B. M.c. S. BB.

Lemna triscula, L. — Stagnant water.
B.r.coll. M. S. BB.

Lemna Valdiviana, Philippi. — Running water.
B.r.coll. M. S. BB.

Spirodela polyrrhiza, Schleid. — Wet places.
B. M.f. S. BB.

I25. Alismaceae.

Alisma Plantago, L. — Edge of water
B.c.coll. M.c. S.c BB.

Sagittaria graminea, Michx. — Shores.
B. M.r.coll.fl. S. BB.

Sagittaria variabilis, Engelm. — Bogs and shallow water.
B.f.coll.fr. M.f. S.f. B.f.

Sagittaria variabilis, Engelm. var. angustifolia, Engelm.
B.c.coll. M. S. BB.

Sagittaria variabilis, Engelm. var. obtusa, Engelm.
B.c.coll.fr. M. S. BB.

I26. Najadaceae.

Najas flexilis, Rostk. & Schmidt. (?).
B. M.?.r.coll. S. BB.

Najas Indica, Cham. var.gracillima, A.Br. Shallow water.
B. M.f.coll. S. BB.

Potamogeton natans, L. Ponds.
B. M.r.(Herb.WD). S. BB.

Potamogeton Nuttallii, Cham. & Schl. Shallow water.
B. M.r.coll. S. BB.

Potamogeton Pennsylvanicus, Cham. Shallow water.
B.o.(Herb.JRC). M.f. S. BB.

Potamogeton Spirillus, Tuck. Shallow water.
B.r.(Herb.GGK). M.r.coll.fr. S. BB.

Potamogeton Vaseyi. Robbins. Ponds.
B. M.r.(Herb.MI). S. BB.

I27. Eriocauleae.

Eriocaulon septangulare, With. ~~Shallow water Shores~~ of ponds.
B.o.coll. M.o. S.o. BB.

I28. Cyperaceae.

Carex bromoides, Schk.
B. M.r.coll. S. BB.

Carex bullata, Schk. Wet places.
B.f. M. S. BB.f.(Herb.JRC

Carex canescens, L.
B.c. M.c.(Herb.JRC). S. BB.

Carex canescens, L. var. vulgaris, Bailey.
B. M.c.coll. S. BB.o.coll.

Carex cephalophora, Muhl. Woods.
B.f.(Herb.GGK). M.f.coll. S. BB.o.coll.

Carex communis, Bailey.
B.r.(Herb.JRC). M.r. S. BB.

Carex crinita, Lam. Wet ground.
B.c.coll. M.f.coll. b S. BB.c.coll.

Carex debilis, Michx. var. Rudgei, Bailey.
B.c. M.c.coll. S. BB.c.coll.

Carex digitalis, Willd.
B.c.(Herb.GGK). M. S. 23.

Carex filiformis, L.var. latifolia, Boeckl.
B. M. S. Bpc.coll.

Carex flava, L.var. graminis, Bailey.
B. M.c. S. B?.

Carex foenea, Willd,
B.r.coll. M. S. B? ?. Coll.

Carex folliculata, L. Swamps.
B.c.coll. M. S. B?.

Carex gracillima, Schw.
B. M.c.(Herb.JRC). S. Bp.c.

Carex interior, var.capillacea, Bailey. (fid. Dr.C.W.Swan)
B.rcoll. M. S. B?.

Carex intumescens, Rudge.
M.c. coll. M. S. B?.

Carex laxiculmis, Schwein.
— M. coll. S. —. coll.

Carex laxiflora, Lam. var.latifolia, Boott.
B.r. M. S. B?.

Carex laxiflora, Lam. var. pedalifolia, Carey.
L.f.(Herb.JRC). M.c.coll. S. B?.

Carex laxiflora, Lam. var. varians, Bailey.
— M. S. B?.r.

Carex laxiflora, Lam. var. subtilis, Carey.
— M.c.coll. S. B?.c.coll.

Carex lupulina, Muhl. Shady.
M.c.coll. M.c.coll. S. B?.

Carex lurida, Wahl. Shady slopes.
B.c.coll. M.c.coll. S. B?.c.coll.

Carex Muehlenbergii, Schk.
B.r.(Herb.JRC). M. S. B?.

Carex muricata, L. Low ground.
B. M.r.coll. S. B?r.coll.

Carex pallescens, L.
Bef.(Herb.JGK). M.f.coll. S. B?f.coll.

Carex paniculata, L.
Bapc. M. S. B?.

Carex Pennsylvanica, Lam. B.c.(Herb.J.C).	M.c.coll.	S.	BB.c.(Herb.WD)
Carex polytrichoides, Muhl. B.f.(Herb.GGK).	M.	S.	BB.
Carex Pseudo-Cyperus, L.var. Americana, Hochst. B.f.	M.f.coll.	S.	BB.
Carex rigida, Gooden. var. Goodenovii, Bailey. B.r.(Herb.GGK).	M.	S.	S.
Carex rigida, Gooden. var. stricteformis, Bailey. B.r.(Herb.GGK).	M.	S.	BB.
Carex rosea, Schk. B.c.(Herb.WD).	M.c.coll.	S.	BB.
Carex rosea, Schk. var., radiata, Dew. B.c.(Herb.J.C).	M.c.coll.	S.	BB.
Carex scabrata, Schk. B.c.coll.	M.	Moist places. S.	BB.
Carex scoparia, Schk. B.r.coll.	M.	S.	BB.
Carex sparganioides, Muhl. B,c.(Herb.J.C).	M.c.(Herb.JRC).	S.	BB.
Carex sterilis, Willd. B.	M.	S.	Bg.r.coll.
Carex sterilis, Willd. var. angustata, Bailey. B.	M ?.r.coll.	S.	BB.
Carex stipata, Muhl. B.c.	M.	S.	BB.c.coll.
Carex straminea, Willd. B.c.	M.c.coll.	Dry soil. S.	BB.
Carex straminea, Willd. var. aperta, Boott. B.r.(Herb.GGK).	M.	S.	BB.
Carex straminea, Willd. var. mirabilis, Tuck. B.c.(Herb.WD).	M.	S.	BB.c.coll.
Carex stricta, Lam. B.	M.	S.	BB.c.coll.
Carex strista, Lam. var. decora, Bailey. B.	M.	Moist ground. S.	BB.c.(Herb.WD)
Carex tribuloides, Wahl. B.r.(Herb.GGK).	M.	S.	BB.c.coll.

Carex trisperma, Dew.		Swamps.		
B.o.(Herb.JHC).	M.		S.	BB.
Carex umbellata, Schk.				
B.r.(Herb.GGK),	M.		S.	BB.
Carex varia, Muhl.				
B.	M.o.		S.	BB.
Carex viresoens, Muhl.		Rocky woods.		
B.f.coll.	M.o.(Herb.MI).		S	BB.
Carex virescens, Muhl. var. costata, Dewey.				Woody slopes.
B.c.coll.	M.		M.	BB.
Carex vulgaris, Fries.		Meadows.		
B.	M.o.		S.	BB.
Cyperus dentatus, Torr.				
B.o.coll.fl.	M.o.coll.		S.	BB.
Cyperus diandrus, Torr.		Pond edges.		
B.o.coll.	M.o.coll.		S.	BB.
Cyperus filiculmis, Vahl.		Gravelly roadsides and fields.		
B.r.coll.	M.		S.	BB.r.coll.
Cyperus strigosus, L.				
B.	M.o.coll.		S.	BB.o.coll.
Dulichium spathaceum, Pers.		Swamps.		
B.o.coll.	M.o.		S.	BB.
Eleocharis Engelmannii, Steud.				
B.r.coll.	M.		S.	BB.
Eleocharis olivacea, Torr.		Bogs.		
B.f.coll.	M.f.coll.		S.	BB.
Eleocharis ovata, R.Br.		Borders of ponds and ditches.		
B.	M.o.coll.		S.o.coll.	BB.o.coll.
Eleocharis palustris, R.Br.				
B.f.	M.		S.	BB.
Eleocharis tenuis, Schultes.				
B.o.coll.	M.		S.	BB.
Eleocharis tuberculosa, R.Br.				
B.o.coll.	M.		S.	BB.
Eriophorum cyperinum, L.		Swamps.		
B.r.coll.	M.o.		S.	BB.
Eriophorum gracile, Koch.				
B ?.	M ?.		S ?.	BB.

Eriophorum Virginicum, L.
B.f.coll. M.f. S.f.coll. BB.

Fimbristylis autumnalis, Roem.& Schult. Wet ground.
B.c.coll. M. S. BB.

Fimbristylis capillaris, Gray.
B.f.coll. M. S. BB.

Rhynchospora alba, Vahl.
B.r. M. S. BB.

Rhynchospora fusca, Roem. &.Schult. Meadows.
B.r.(Herb.JRC). M. S. BB.

Rhynchospora glomerata, Vahl. Moist places.
B.c.coll. M. S. BB.

Scirpus planifolius, Muhl. Dry woods.
B.f.(Herb.GGK). M. S. BB.

Scirpus sylvaticus, L.
B. M.c.coll. S. BB.

120. Gramineae.

Agropyrum caninum, Roem. & Schult.
B. M.c.coll. S BB.

Agrostis alba, L.var. vulgaris, Thurb. Moist ground.
B.c. M.c. S. BB.c.coll.

Agrostis alba L.var. vulgaris,Thurb. forma aristata, (fide Dr. Swan).
B. M.r.coll. S. BB.

Agrostis perennans, Tuck. Damp rocky woods.
B.c.coll. M.c.coll. S.f.coll. BB.

Alopecurus geniculatus, L. Swamps.
B. M.c.coll. S. BB.

Alopecurus pratensis, L. Open fields.
B. M. S. BB.f.coll.

Andrppogon furcatus, Muhl.
B.c.(Herb.GGK). M. S. BB.

Andropogon scoparius, Michx. Hills and poor fields.
B.f.coll. M.c.M.c.(Herb.MI). S. BB.

Andropogon Virginicus, L.
B.r.(Herb.JRC). M. S. BB.

Anthoxanthum odoratum, L. Roadsides and fields.
B.c.coll. M.c.coll. S. BB.c.coll.

Aristida dichotoma, Michx. Poor open fields and roads.
B.r.coll. M.c.coll. S. BB.

Aristida gracilis, Ell.
B.r.coll. M. S. BB.

Asprella Hystrix, Willd. Rocky woods.
B.c.(Herb.JRC). M.c.coll. S. BB.

Avena sativa, L.
B.r.coll. M.r.coll. S. BB.

Brachyelytrum aristatum, Beauv.
B.r.coll. M. S. BB.

Bromus ciliatus, L. Rocky slopes.
B.f. m.c.coll. S. BB.

Bromus secalinus, L.
B. M.r.coll. S. BB.

Calamagrostis Nuttalliana, Stead.
B.r.coll. M. S.

Chrysopogon nutans, Benth.
B.r. M. S. BB.

Cinna arundinacea, L. Swamps and wet woods
B.c.coll. M. S. BB.

Dactylis glomerata, L.
B.c. M.c. S. BB.c.coll.

Danthonia compressa, Austin. Dry woods.
B.c.coll. M.c.coll. S. BB.

Danthonia spicata, Beauv. Dry woods.
B.c.coll. M.f.(Herb.MI). S. BB.

Deschampia flexuosa, Trin.
B.c.(Herb.&GK). M. S. BB.

Estonia Dudleyi, Vasey, (fide Dr.Swan).
B. M.r.coll. S. BB.

Elymus Canadensis, L.
B.c.(Herb.JRC). M.c. S. BB.

Elymus striatus, Willd.
B.c.(Herb.JRC). M. S. BB.

Eragrostis capillaris, Nees. Ledges.
B.r.(Herb.JRC). M. S. BB.

Eragrostis pectinacea, Grey.
B.c.(Herb.JRC). M. S. BB.

Eulalia Japonica variegata, hort. (Miscanthus Sinensis, Anders) ~~Planted.~~
B.r. old garden M. S. BB.

Festuca elatior, L. var. pratensis, Gray. E.	M.		S.	BB.r.coll.
Festuca nutans, Willd. B.f.(Herb.WD).	M.		S.	BB.
Festuca tenella, Willd. B.o.	M.		S.	BB.
Glyceria acutifolia, Torr. B.	M.o.		S.	BB.
Glyceria Canadensis, Trin. B.f.coll.	M.f.	Meadows.	S.	BB.
Glyceria fluitans, R.Br. B.c.coll.	M.		S.	BB.
Glyceria nervata, Trin. B.o.coll.	M.r.coll.	Meadows.	S.	BB.
Glyceria obtusa, Trin. B.o.coll.	M.	Swamps and meadows.	S.	BB.
Holcus lanatus, L. B.f.(Herb.GGK).	M.	Low ground.	S.	BB.
Leersia oryzoides, SW. B.o.coll.	M.		S.	BB.o.coll.
Leersia Virginica, Willd. B.o.coll.	M.	Near roads.	S.	BB.o.coll.
Muehlenbergia Mexicana, Trin. B.o.(Herb,EFW).	M.	Woods.	S.	BB.
Muehlenbergia sobolifera, Trin. B.o.(Herb.JHC).	M.	Woods.	S.	BB.
Muehlenbergia sylvatica, Torr. & Gray. B.f.(Herb.GGK).	M.		S.	BB.
Muehlenbergia Willdenovii, Trin. B.f.coll.	M.		S.	BB.
Oryzopsis asperifolia, Michx. B.r.(Herb.JHC).	M.r.coll.		S.	BB.
Oryzopsis Canadensis, Torr. B.r.(Herb.JHC).	M.		S.	BB.
Oryzopsis melanocarpa, Muhl. B.	M.r.coll.		S.	BB.
Panicum agrostoides, Muhl. B.c.coll.	M.		S.	BB.r.coll.

Panicum capillare, L.				
B,	[illegible].		S.	BB.r.coll.
Panicum clandestinum, L.				
B.o.(Herb.GGK).	M.		S.	BB.
Panicum commutatum, Schultes.			Dry woods.	
B.	M.r.coll.		S.	BB.
Panicum Crus-Galli, L.		Roadsides and housesites.		
B.o.coll.	M.		S.	BB.
Panicum depauperatum, Muhl.		Hilltops.		
B.c.coll.	M.c.coll.		S.	BB.
Panicum dichotomum, L.		Woods and fields.		
B.c.coll.	M.c.coll.		S.	BB.c.coll.
Panicum dichotomum, L. var. viride, Vasey.			Rocky woods.	
B.	M.c.coll.		S.	BB.
Panicum glabrum, Gaudin.		Roadsides.		
B.c.	M.		S.	BB.
Panicum latifolium, L.		Woods.		
B.c.coll.	M.c.coll.		S.	BB.
Panicum laxiflorum, Lam.		Roadsides.		
B.c.	M.c.		c.	BB.
Panicum nitidum, Fbrx.				
B.c.coll.	M.c.		S.	BB.
Panicum sanguinale, L.		Roadsides and fields.		
& B.f.coll.	M.c.		S.	BB.
Panicum scoparium, Lam.				
B.c.coll.	M.c.coll.		S.	BB.
Panicum sphaerocarpon, Ell.		Shores.		
B.	M.c.coll.		S.	BB.
Paspalum setaceum, Michx.		Meadows.		
B.c.(Herb.EFW).	M.		S.	BB.c.coll.
Phleum pratens , L.		Roadsides and fields.		
B.c.	M.		S.	BB.
Poa annua, L.		Roads and fields.		
B.f.	M.f.		S.	BB.f.coll.
Poa compressa, L.		Dry woods.		
B.f.(Herb.JHC).	M.f.coll.		S.	BB.f.coll.
Poa pratensis, L.		Dry woods and roadsides, [illegible] fields		
B.f.coll.	M.c.coll.		S.	BB.f.coll.

Poa serotina , Ehrh. Wet places.
B. L.c.coll. S. Bb.

Setaria glauca, Beauv. Near roadsides.
B.c.coll. M. S. BB.

Setaria viridis, Beauv. Roadsides.
B.c.coll. M.c.coll. S. BB.

Sporobolus serotinus, Gray. Meadows.
B.c.coll. M.c.coll. S. BB.

Sporobolus vaginaeflorus, Vasey.
B.r.coll M. S. BB.

Stipa avenacea, L. Slopes.
B.r.(Herb.JRC). M. S. BB.

130. Equisetaceae.

Equisetum arvense, L. Dry woodlands.
B.c. M.c. S. BB.c.coll.

Equisetum hyemale, L.
B. M.c. S. BB.c.(Herb.W)

Equisetum limosum, L. Meadows and swamps.
B. M.r. S. BB.

Equisetum sylvaticum, L. Low woods.
B.r.coll.lf. M. S. BB.

131. Filices.

Adiantum pedatum, L. ~~Among rocks in springy~~ Rich woodlands,
B.c.coll. M.c. S. BB.

Aspidium acrostichoides, Swartz. Rocky woodlands.
B.f.coll.lf. M.f. S. BB.

Aspidium acrostichoides, Swartz. var. incisum, Gray.
B. M.r. S. BB.

Aspidium Boottii, Tuck. Woodland and swamps.
B. M.r. S. BB.

Aspidium cristatum, Swartz. Woodland and swamps.
B.c.coll. M.c. S. BB.

Aspidium cristatum, Swartz. var. Clintonianum, Eaton. Woodland and swamp
B. M.r. S. BB.

Aspidium cristatum x marginale, Davenport. Swamps, near its parents.
B. M.r. S. BB.

Q.E.
Mr. Perry if willing adopt the heredity in N and collect
attention to the succeeding sentence by my Lords. We were directed to
call their attention to subsistence & succeeding [illegible] this last way
from and the plants Enough.

Aspidium marginale, Swartz. Ledges.
B.f.coll. M.c. S.c. BB.c.

Aspidium Noveboracense, Swartz. Woods.
B.c. M.c.coll. S.c. BB.

Aspidium simulatum, Davenport. Low moist woodlands.
B.r.coll. M.? S. BB.

Aspidium spinulosum, Swartz. Swampy woodlands.
B.f. M. S. BB.

Aspidium spinulosum, Swartz. var. dilatatum, Hook. Woodlands and swamp
B.c. M.c. S. BB.

Aspidium spinulosum, Swartz. var. intermedium, Baron.
B. M.c. S. BB.

Aspidium Thelypteris, Swartz. Swamps and woodland.
B.c.coll. M.f. S.c.coll. BB.c.

Asplenium ebeneum, Ait. Ledges.
B.f.coll. M.f.coll. S. BB.

Asplenium Filix-foemina, Bernh. Damp woods.
B.c.coll. M.c.coll.fr. S.c. BB.

Asplenium thelypteroides, Michx. Woodland swamps.
B.r. M.r. S. BB.

Asplenium Trichomanes, L. Rocky declivities.
B.c.(Herb.JRC). M.c. S. BB.

Cystopteris fragilis, Bernh. Stony brooks and ledges.
B.c. M.c.coll. S. BB.

Dicksoni pilosiuscula, Willd. Woodlands.
B.c.coll.lf. M.c.coll.lf.fr. S.c. BB.f.

Onoclea sensibilis, L. Woodland.
B.c.(Herb.JRC). M.c. S.c. BB.c.

Osmunda cinnamomea, L. Low woodland.
B.c. M.c. S.c. BB.c.coll.fl.

Osmunda Claytoniana, L. Low woodland.
B.c.(Herb.JRC). M.c. S.c. BB.

Osmunda regalis, L. Low woodland.
B.c.coll. M.c. S.c. BB.f.

Phegopteris Dryopteris, Fée. Woods.
B. M.r. S. BB.

Phegopteris hexagonoptera, Fée. Woodland ravines.
B.r.coll. M.r.coll. S. BB.

Stems cut with both occasionally. Leaves of stem should be omitted c. in M. or B. [illegible]

Phegopteris polypodioides, Fée. Ravines.
B.r.coll.lf. M.r. S. BB.

Polypodium vulgare, L. Ledges.
B.c. M.c. S.c. BB.c.

Pteris aquilina, L. Woods.
B.c.coll. M.c. S.c. BB.c.

Woodsia Ilvensis, R.Br. Ledges.
B.r.coll. M.f. S. BB.

Woodsia obtusa, Torr. Ledges.
B.c. M.r.coll.fr. S. BB.

Woodwardia angustifolia, Smith. Low woodlands.
B.r.coll. M. S. BB.

Woodwardia Virginica, Smith. Woodland swamps.
B.c.coll.lf. M.c.coll.fr. S. BB.

I32. Ophioglossaceae.

Botrychium matricariaefolium, A.Br. Moist woods.
B.r. M.r. S. BB.

Botrychium ternatum, Swartz. Low land and borders of woods and hillsides.
B.c. M.r. S. BB.

Botrychium ternatum, Swartz. var. dissectum, Milde. Borders of woods.
B.c.(Herb.JRC). M.c. S. BB.

Botrychium ternatum, Swartz. var. obliquum, Milde. Low land; hillsides.
B.c. M.c. S. BB.

Botrychium Virginianum, Swartz.
B.r. M.r.coll.lf. S. BB.r.coll.lf.

I33. Lycopodiaceae.

Lycopodium clavatum, L. Woods.
B.c.coll.lf. M. S. BB.

Lycopodium complanatum, L. Dry woodland.
B.c.coll. M.c. S. BB.

Lycopodium lucidulum, Michx. Wet woodland, ~~in sphagnum.~~
B.r.coll. M. S. BB.

Lycopodium obscurum, L. var. dendroideum, D.C.Eaton. Dry woodlands.
B.c. M.c. S. BB.

Lycopodium ~~annotinum~~
M.r

I34. Selaginellaceae.

Isoetes echinospora, Durieu, var.Braunii, Engelm.
B. M.r.(Herb.MI). S. Shall.w waters. BB.

Selaginella apus, Spring.
B. M.r. Moist pastures; mead.ws. S. BB.

Selaginella rupestris, Spring.
B.f.(Herb.WD). M.f. Ledges. S. BB.

BRYOPHYTES.

Musci.

Weisia viridula Brid. B.C.	M.	S.c.	BB.
Dicranella heteromalla Schimper. B.C.	M.	S.c.	BB.
Dicranum montanum, Hedwig. B.C.	M.	S.c.	BB.
Dicranum flagellare, Hedwig. B.C.	L.	S.c.	BB.
Dicranum fulvum, Hooker. B.C.	L.	S.c.	BB.
Dicranum fuscescens, Turner. B.C.	L.	S.c.	BB.
Dicranum scoparium, Hedwig. B.C.	L.	S.c.	BB.
Dicranum Schraderii, Web & Mohr B.C.	M.	S.c.	BB.
Dicranum spurium, Hedwig B.r.	L.	S.r.	BB.
Dicranum undulatum, Turn. & B. B.C.	M.	S.c.	BB.
Fissidens taxifolius, Hedwig B.	M.r.(Herb.MI).	S.c.	BB.
Fissidens osmundioides, Hedwig. B.	M.r.(Herb.MI).		
Fissidens adiantoides, Hedwig. B.	M.c.	S.c.	BB.
Conomitrium Julianum, Mont. B.	M.	S.	BB.r.
Leucobryum vulgare, Hampe. B.C.	L.	S.c.	BB.
Ceratodon purpureus, Bridel. B.C.	M.	S c.	BB.
Pottia truncata, Fuern. B.C.	M.	S.c.	BB.

Leptotrichum vaginans, Lesq. & James. B.o.	M.	S.o.	BB.
Leptotrichum tortile, Mueller. B.	M.	S.o.	BB.
Leptotrichum pallidum, Hampe. B.f.	M.	S.f.	BB.
Barbula unguiculata, Hedwig. B.	M.	S.o.	BB.
Barbula papillosa, Mueller. B.r.	M.	S.	BB.
Barbula caespitosa, Schwaegr. B.o.	M.	S.	BB.
Grimmia conferta, Funck. B.c.	M.	S.o.	BB.
Grimmia apocarpa, Hedwig. B.c.	M.	S.c.	BB.
Grimmia Olneyi, Sullivant. B.r.	M.	S.r.	BB.
Grimmia Pennsylvanica, Schwaegr. B.c.	M.	S.c.	BB.
Racomitrium Sudeticum, Br. & Schimp. B.o.	M.o.	S.o.	BB.
Racomitrium aciculare, Bridel. B.o.	M.	S.o.	BB.
Hedwigia ciliata, Ehrh. B.c.	M.c.	S.c.	BB.
Drummondia clavellata, Hooker. B.r.	M.	S.	BB.
Ulota Ludwigii, Bridel. B.c.	M.	S.c.	BB.
Ulota crispula, Bridel. B.r.	M.	S.r.	BB.
Ulota Hutchinsiae, Schimper. B.c.	M.c.	S.c.	BB.
Orthotrichum cupulatium, Hoffm. var. minus, Sull. B.	M.	S.r.	BB.
Orthotrichum sordidum, Lesq. & James. B.c.	M.	S.c.	BB.
Orthotrichum strangulatum, Beauv. B.o.	M.	S.o.	BB.

Tetraphis pellucida, Hedwig. B.c.	M.	S.c.	BB.
Physcomitrium pyriforme, Bridel. B.c.	M.c.	S.c.	BB.
Funaria hygrometrica, Sibthorpe. B.c.	M.	S.c.	BB.
Bartramia pomiformis, Hedwig. B.c.	M.c.	S.c.	BB.
Philonotis fontana, Bridel. B.c.	M.c. (Herb.M.I).	S.c.	BB.
Webera nutans, Hedwig. B.c.	M.	S.c.	BB.
Bryum caespiticium, L. B.c.	M.	S.c.	BB.
Bryum bimum, Schreber. B.c.	M.	S.c.	BB.
Bryum capillare, L. B.c.	M.	S.c.	BB.
Bryum pseudo-triquetrum, Schwaegr. B.c.	M.	S.c.	BB.
Bryum argenteum, L. B.c.	M.	S.c.	BB.
Bryum roseum, Schreber. B.r.	M.	S.r.	BB.
Mnium cuspidatum, Hedwig. B.c.	M.	S.c.	BB.
Mnium affine, Bland. B.c.	M.	S.c.	BB.
Mnium punctatum, Hedwig. B.c.	M.	S.c.	BB.
Mnium hornum, L. B.c.	M.	S.c.	BB.
Aulocomnium palustre, Schwaegr. B.c.	M.	S.c.	BB.
Aulocomnium heterostichum, Br. & Sch. B.c.	M.	S.c.	BB.
Atrichum undulatum, Beauv. B.c.	M.	S.c.	BB.
Atrichum angustatum, Br. & Schimp. B.c.	M.	S.c.	BB.

Pogonatum brevicaule, Beauv.
B.C. M. S.C. BB.

Polytrichum Ohioense, Ren. & Card.
B.C. M. S.C. BB.

Polytrichum piliferum, Schreber.
B.C. M. S.C. BB.

Polytrichum juniperinum, Willd.
B.C. M. S.C. BB.

Polytrichum commune, L.
B.C.(Herb.EFW). M. S.C. BB.

Diphyscium foliosum, Mohr.
B.C. M. S.C. BB.

Buxbaumia aphylla, L.
B.C. M. S.C. BB.

Fontinalis antipyretica, L. var. gigantea, Sull.
B. M. S.C. BB.

Fontinalis Lescurii, Sull.
B. M. S.C. BB.

Fontinalis Novae-Angliae, Sull.
B. M. S.C. BB.

Dichelyma pallescens, Br. & Schimp.
B. M. S.C. BB.

Leucodon julaceus, Sull.
B.C. M. S.C. BB.

Thelia hirtella, Sull.
B.C. M. S.C. BB.

Thelia asprella, Sull.
B.C. M. S.C. BB.

Leskea obscura, Hedwig.
B.C. M. S.C. BB.

Anomodon rostratus, Schimper.
B.C. M. S.C. BB.

Anomodon attenuatus, Hueben.
B.C. M. S. BB.

Anomodon obtusifolius, Br. & Schimp.
B. M. S.r. BB.

Pylaisia intricata, Br. & Schimp.
B.C. M. S.C. BB.

Pylaisia velutina, Br. & Schimp.
B. M. S.C. BB.

Cylindrothecium seductrix, Sull.
B.c. M. S.c. BB.

Climacium Americanum, Bridel.
B.c. M. S.c. BB.

Hypnum (Thuidium) recognitum, Hedwig.
B.c. M. S.c. BB.

Hypnum (Thuidium) delicatulum, L.
B.c. M. S.c. BB.

Hypnum (Elodium) paludosum, Sull.
B. M. S.r. BB.

Hypnum (Brachythecium) laetum, Bridel.
B. M. S.r. BB.

Hypnum (Brachythecium) salebrosum, Hoffm.
B.c. M. S.c. BB.

Hypnum (Brachythecium) velutinum, L.
B.c. M. S.c. BB.

Hypnum (Brachythecium) rutabulum, L.
B.c. M. S.c. BB.

Hypnum (Brachythecium) Novae-Angliae, Sull.& Lesq.
B.c. M. S.c. BB.

Hypnum (Brachythecium) populeum, Hedwig.
B.c. M. S.c. BB.

Hypnum (Brachythecium) plumosum, Swartz.
B.c. M. S.c. BB.

Hypnum (Eurrhynchium) strigosum, Hoffm.
B.c. M. S.c. BB.

Hypnum (Eurrhynchium) Boscii, Schwaegr.
B. M. S.r. BB.

Hypnum (RHynchostegium) serrulatum, Hedwig.
B.c. M. S.c. BB.

Hypnum (Rhyncostegium) rusciforme, Weis.
B. M. S.r. BB.

Hypnum (Thamnium) Alleghaniense, Mueller.
B. M.o.(Herb.MI). S.o. BB.

Hypnum (Amblystegium) radicale, Beauv.
B. M. S.c. BB.

Hypnum (Amblystegium) adnatum, Hedwig.
B. M. S.c. BB.

Hypnum (Amblystegium) riparium, L.
B.c. M. S.c. BB.

Hypnum (Harpidium) fluitans, L.
B.c. M. S.c. BB.

Hypnum (Ctenium) crista-castrensis, L.
B. M. S.r. BB.

Hypnum (proper) reptile, Michx.
B. M. S.c. BB.

Hypnum (proper) imponens, Hedwig.
B.c. M. S. BB.

Hypnum (proper) cupressiforme, L.
B.c. M. S.c. B_B.

Hypnum (proper) curvifolium, Hedwig.
B. M. S.r. BB.

Hypnum (prpper) Haldanianum, Greville.
B.c. M. S.c. BB.

Hypnum (Calliergon) cordifolium,, Hedwig.
B.c. M. S.c. BB.

Hypnum (Calliergon) Schreberii, Willd.
B.c. M.c.(Herb.MI). S. BB.

Hypnum (Pleurozium) splendens, Hedwig.
B.r. M. S. BB.

Hypnum (Hylocpmium) triquetrum, L.
B.r.v M. S. BB.

Hypnum denticulatum, L.
B. M.r.(Herb.MI). S. BB.

Hypnum orthocladon, Beauv.
B. M.r.(Herb.MI). S. BB.

Sphagnaceae.

Sphagnum Girgensohnii, Russow.
B.r; M. S. BB.

Sphagnum tenellum, von Klinggraeff.
B.c. M. S.c. BB.

Sphagnum acutifolium, (Ehrh.) Russ. & Warnst.
B.c. M. S.c. BB.

Sphagnum cuspidatum, (Ehrh.) Russ. & Warnst.
B.c. M. S.c. BB.

Sphagnum recurvum, (Beauv.) Russ. & Warnst.
B.f. M. S.f. BB.

Sphagnum susecundum, Nees,
B.f. M. S.f. BB.

Sphagnum imbricatum, (Hornsch.) Russow.
B.c. M. S.c. BB.

Sphagnum cymbifolium, Ehrh.
B.c. M. S.c. BB.

Sphagnum medium, Limpricht.
B.c. M. S.c. BB.

Andreaeaceae.

Andreaea rupestris, Turner.
B.r. M. S.r. BB.

Andreaea petrophila, Ehrhart.
B.r. M. S. BB.

Hepaticae.

Madotheca platyphylla, Dumort.
B. M.r. S. BB.

Marchantia polymorpha, L.
B. M.c. S. BB.

Riccia natans, L. Stagnant water.
B. M.r.(Herb.MI). S. BB.

THALLOPHYTES.

Characeae.

Chara sejuncta, A.Br. Ponds.
B. M.r.(Herb.MI). S. BB.

Nitella gracilis, Ag. Ponds.
B. M.r.(Herb.MI). S. BB.

Nitella tenuissima, Kuetz. Ponds.
B. M.r.(Herb.MI). S. BB.

Lichens.

Cladonia cristatella, Tuck. Ledges.
B.o. M.o. S. BB.

Cladonia furcata, (Huds.) Fr.
B. M.o. S. BB.

Cladonia gracilis, (L.) Nyl.
B.r.(Herb.EFW). M. S. BB.

Cladonia pyxidata, (L.) Fr.
B. M.o. S. BB.

Cladonia uncinalis, (L.) Fr.
B. M.o. S. BB.

Umbilicaria Dillenii, Tuck. Moist edges.
B. M.f. S. BB.

Umbilicaria pustulata, (L.) Hoffm.
B. M.r. S. BB.