

See this Book for
W.H. Mammals
Reports.

1910
117

WD
(216)



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

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.

Wayen H. Mannings

Alismaceae, 42.
Amarantaceae, 31.
Amaryllidaceae, 39.
Anacardiaceae, 8.
Andreaeaceae, 61.
Apocynaceae, 26.
Araceae, 42.
Araliaceae, 16.
Asclepidiaceae, 26.
Berberidaceae, 2.
Bignoniaceae, 30.
Borraginaceae, 27.
Bryophytes, 55.
Campanulaceae, 24.
Caprifoliaceae, 16.
Caryophyllaceae, 5.
Celastraceae, 7.
Characeae, 61.
Chenopodiaceae, 31.
Cistaceae, 4.
Compositae, 18.
Coniferae, 37.
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Cornaceae, 16.
Crassulaceae, 13.
Cruciferae, 3.
Cucurbitaceae, 15.
Cupuliferae, 35.
Cyperaceae, 43.
Droseraceae, 13.
Elatinaceae, 5.
Equisetaceae, 51.
Ericaceae, 24.
Eriocaulaceae, 43.
Euphorbiaceae, 33.
Ficoideae, 15.
Filices, 51.
Fumariaceae, 3.
Gentianaceae, 27.
Geraniaceae, 6.
Gramineae, 47.
Halorageae, 14.
Hamamelideae, 14.
Hepaticae, 61.
Hydrocharidaceae, 37.
Hypericaceae, 5.
Illiciaceae, 7.
Illecebraceae, 31.
Iridaceae, 39.
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Malvaceae, 6.
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Najadaceae, 43.
Nymphaeaceae, 2.
Oleaceae, 26.
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Orchidaceae, 37.
Orobanchaceae, 29.
Papaveraceae, 3.
Phytolaccaceae, 33.
Plantaginaceae, 31.
Platanaceae, 34.
Polygalaceae, 8.
Polygonaceae, 32.
Pontederiaceae, 40.
Portulacaceae, 5.
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Resedaceae, 4.
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Rubiaceae, 17.
Rutaceae, 7.
Salicaceae, 36.
Santalaceae, 33.
Sapindaceae, 7.
Sarracenaceae, 2.
Saxifragaceae, 13.
Scrophulariaceae, 28.
Selaginellaceae, 54.
Solanaceae, 28.
Sphagnaceae, 60.
Thallophytes, 61.
Tiliaceae, 6.
Typhaceae, 41.
Umbelliferae, 15.
Urticaceae, 33.
Verbenaceae, 30.
Violaceae, 4.
Vitaceae, 7.
Xyridaceae, 40.

Miss Frances Zirngiebel, (FZ).
 31 Bower St. Roxbury, Mass.
 1 Ranunculaceae.
 5 Berberidaceae.
 6 Nymphaeaceae.
 7 Sarraceniaceae.
 8 Papaveraceae.
 9 Fumariaceae.

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 Hamamelidaceae.
 39 Haloragaceae.
 40 Molassiaceae.
 41 Lythraceae.
 42 Onagraceae.

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

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

L.L. Dame, (LLD). West Medford, Mass.
 21 Tiliaceae.
 29 Sapindaceae.
 65 Oleaceae.
 99 Urticaceae.
 100 Juglandaceae.
 102 Myricaceae.
 103 Cupuliferae.
 104 Salicaceae.
 106 Ceratophyllaceae.
 107 Coniferae.

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

Sidney Harris, (SH).
 Vernon St. Brookline, Mass.
 22 Linaceae.
 23 Geraniaceae.
 24 Rutaceae.
 26 Celastraceae.
 27 Rhamnaceae.
 28 Vitaceae.
 30 Anacardiaceae.

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

T.O. Fuller, (TOF). Needham, Mass.
 25 Illiciaceae.
 49 Araliaceae.
 50 Cornaceae.
 51 Caprifoliaceae.
 52 Rubiaceae.
 56 Lobeliaceae.
 57 Campanulaceae.
 58 Ericaceae.
 61 Primulaceae.
 66 Apocynaceae.
 67 Asclepiadaceae.
 69 Gentianaceae.
 70 Polemoniaceae.
 72 Boraginaceae.

Walter Deane, (WD). Cambridge, Mass.
 82 Labiateae.
 83 Plantaginaceae.
 85 Illecebraceae.
 86 Amarantaceae.
 87 Chenopodiaceae.
 88 Phytolaccaceae.
 89 Polygonaceae.
 90 Podostemonaceae.
 93 Lauraceae.
 97 Santalaceae.
 98 Euphorbiaceae.

Unassigned.
 108 Hydrocharidaceae.
 110 Orchidaceae.
 113 Iridaceae.
 114 Amaryllidaceae.
 116 Liliaceae.
 117 Pontederiaceae.

G. G. Kennedy, (GCK).
 248 Warren St. Roxbury, Mass.
 I28 Xyridaceae.
 I22 Typhaceae.
 I23 Araceae.
 I24 Lemnaceae.
 I25 Alismaceae.
 I26 Najadaceae.
 I27 Ericaceae.

Dr. Chas. W. Swan, (CWS).
 79 Worcester St. Boston, Mass.
 I21 Juncaceae.
 I28 Cyperaceae.
 I29 Gramineae.

G. A. Ravenpott, (GAD).
 67 Valley St. Medford, Mass.
 I30 Equisetaceae.
 I31 Filices.
 I32 Ophioglossaceae.
 I33 Lycopodiaceae.
 I34 Selaginellaceae.
 I35 Marsiliaceae.
 I36 Salviniaceae.

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

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

Unassigned.

Bryaceae.
 Sphagnaceae.
 Andromedaceae.
 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. Horton, 220 Walnut St. Brookline, Mass. (HAH).
 Chas. W. Jenks, Bedford, Mass. (OWJ).
 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, 13 Beacon St. Boston, Mass. (HAP).
 William P. Rich, 3 No. Market St. Boston, Mass. (WPR).
 Mrs. F. D. Richards, West Medford, Mass. (PDR).

- 94 No specimen collected. Determined by foliage. Omit until verified in garden at Parkes House in B
- 94-5 Seen in two or three places in B. in shaded moist rocky slope and damp woods
- 94 A leaf was collected in B.B. which may be this. My first impression was that it belonged to *Ambicifuga* 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 cultivated ground at Parkes House in B. Not likely to persist long.
- 94-5 Common in wet ground of No and So. sections of B.B. and I have frequently seen its leaves in S.

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

I. Ranunculaceae.

- ? *Aconitum uncinatum*, L. ~~Woods and shady fields.~~ *Moist woods.* B., r. old garden. S. BB.
- Actaea alba*, Bigel. ~~Rocky slopes.~~ *Moist woods.* B., o., coll. fr. M., r., coll. fr. S. BB.
- Actaea spicata*, L., var. *rubra*, Ait. ~~Damp shady places.~~ *Moist woods.* B. M., r. S. BB.? r., cc.
- Anemone cylindrica*, Gray. *Moist woods.* B., f., coll. M., f., coll. S. BB.
- Anemone nemorosa*, L., ~~Woods and shady fields.~~ *Woods & thickets.* B., c., (Herb. GJK). M., c. (Herb. WD). S. BB. c., (Herb. ?)
- Anemone Virginiana*, L., ~~Rocky woods.~~ *Edges of thickets, rocky woods, in well drained ground.* B., o., coll. M., o., coll. S. BB.
- Anemonella thalictroides*, Spach., ~~Wooded slopes.~~ *Dry woods and thickets.* B., f., coll. fr. M., f. S. BB.
- Aquilegia Canadensis*, L., ~~Ledges.~~ *Ledges in sun or light shade. In BB. Shaded ledges.* B., c., (Herb. JRC). M., c. S. + BB. r. coll.
- Aquilegia vulgaris*, L. *Old garden.* B., r. old garden M. S. BB.
- Caltha palustris*, L. ~~Swamps.~~ *Shady or open wet ground.* B., c., (Herb. WD). M., c. S. + BB. c.
- Clematis Virginiana*, L. ~~Roadsides and moist places.~~ *Edges of thickets in wet ground.* B., f., coll. fl. M., f. S. BB.
- Coptis trifolia*, Salisb. ~~Swamps and wet woods.~~ *Swamps and wet woods.* B., f., coll. fr. M., o. S. BB.
- Delphinium Consolida*, L. ~~Swamps and wet woods.~~ B., r., (Herb. MI). S. BB.
- Hepatica triloba*, Chaix. ~~Moist ground in woods.~~ *Rich soil in shade.* B., o. (Herb. JRC). M., f., (Herb. WD). S. BB.
- Paeonia officinalis*, Retz. ~~Planted.~~ *Old garden.* B., r. old garden M. S. BB.
- Ranunculus abortivus*, L. ~~Open woods and slopes.~~ *Rich dry shaded or sunny soil.* B., c. M., o. S. BB., f. col.
- Ranunculus abortivus*, L. var. *mieranthus*, 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 Carsoni* coll. in Blue Hill River

94 The specimen referred to as M. V. coll. Jr. was coll. in
wet shady woods & thought at the time to be *R. Plum-*
detern in 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 *Z.* in Muddy Pond

95 *C.* in Muddy Pond

95 *Z.* about Muddy Pond & in swamps

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

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

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

Ranunculus bulbosus, L. ~~Fields.~~
 B., s. (Herb. GGK). M., c. S., c. B., c., coll.
Dry or moist fields

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

Ranunculus multifidus, Pursh. ~~Swamp and pools.~~
 B., r. (Herb. WD). M., ~~...~~ 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., c. B., c. coll. f.
Dry rocky wooded slopes

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

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

5. Berberidaceae.

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

6. Nymphaeaceae.

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

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

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

7. Sarraceniaceae.

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

94-1

Continuation of B. M. S.

94-1

Wanted to plant you a piece of land
at base of hill E

94-2

Wanted to see the old house & you - the
land in E.

94-3

Wanted to see the old house & you - the
land in E. - along the road to the
house.

94-4

Wanted to see the old house site in
the field - along the road to the
house.

Probably not C. in H.

9. Papaveraceae.

Corydalis glauca, Pursh. Upland rocks and ledges. BB.
 B.f. coll. *S.C.*
Along ledges in sun or light shade

9. Ranunculaceae.

Chelidonium majus, L. Housesites and roadsides. BB.c. coll.
 B. *M.O.* *S.*
Shaded soil about house

Languinaria Canadensis, L. ~~Damp woods~~ BB.c. coll. fr.
 B.f. coll. fr. *H.f.* *S.*
Damp rich woods

10. Cruciferae.

Alyssum maritimum, Lam. ~~Planted~~ BB.
 B.f. *old garden* *S.*

Arabis Canadensis, L. BB.
 B.f. (Herb. G.H.) *S.*

Arabis laevigata, Peir. BB.
 B.f. *M.O. (Herb. I.)* *S.*

Barbarea vulgaris, R.Br. Housesites and roadsides. M.O.
 B.f. coll. *H.f.* *S.*

Barbarea vulgaris, R.Br. var. arcuata, Koch. BB.
 B.f. *H.c. (Herb. J.C.)* *S.*

Brassica campestris, L. Cultivated fields and housesites. *dump* BB.
 B. *H.c.* *S.*

Brassica nigra, Koch. Housesites and roadsides. BB.
 B.o. (Herb. J.C.) *H.* *S.*

Brassica Sinapistrum, Boiss. Roadsides and housesites. BB.
 B.o. (Herb. J.C.) *H.* *S.*

Capsella Bursa-pastoris, Moench. ~~Roadsides and fields~~ BB.f.
 B.c. *H.c.* *S.c.*

Cardamine hirsuta, L. Shaded wet places. BB.c. coll.
 B.c. (Herb. WD). *H.c. (Herb. WD)* *S.*

Cardamine hirsuta, L. var. sylvatica, Wald. Rocky hills. BB.
 B.o. *H.c.* *S.*

Cardamine rhomboides, Tuck. BB.o.
 B. *H.* *S.o.*

Lepidium Virginicum, L. Roadsides, dumps and housesites. BB.
 B.f. coll. *H.c.* *S.*

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

Nasturtium Pastosae, DC. Meadows and shores. BB.
 B. *H.c.* *S.*

24 The Admiral's journal is complete. ...
It was made in a ... near water ... at ...

15 ... of ...

... in ...

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

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

I2. Resedaceae.

Reseda lutea, L. ~~Planted~~
 B., r. *old garden* H. S. BB.

I3. Cistaceae.

Helianthemum Canadense, Michx. Dry fields, *open woods, & thickets*
 B., c., coll. M., c., coll. S. BB.

Lechea intermedia, Leggett. Dry fields.
 B. M., f. (Herb. MI). S. BB.

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

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

Lechea minor, L. var. maritima, Gray.
 B. M., f., coll. S. BB.

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

I4. Violaceae.

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

Viola canina, L. var. Muhlbergii, Gray. *moist* Moist woods.
 B., o., coll. M. S. BB.

Viola lanceolata, L. ~~Woods. 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 *and hill sides*
 B., c. (Herb. GJK) 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 dry & moist woods & thickets*
 B., o., coll. fr. M., r. S. BB.

Remember to have seen this in a number of places in S. and
94 S once in B, B.

95 Saw this twice in S.

96 This should be noted because it could hardly occur
in more than one place

97 a. rather than 7 in B

98 Came up spontaneously in Park's garden

1894 apparently almost exterminated in B B

On summit of Great Hill

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

Viola sagittata, Ait. Dry fields, and open woods, roadsides
B., c., coll. fr. M., f. S. 7

BB., o., coll.

BB. 9

15. Caryophyllaceae.

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

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

BB., f., coll.

BB., o., coll.

Buds rubra, Dumont. Roadsides; house-sites.
B. S.

BB.

Cerastium vulgatum, L. Fields. Moist - dry grass in cultivated lands.
B., c. (Herb JRG) M., f. S., 10

BB.

Dianthus caryophyllus, L. ~~Planted~~
B., r., coll. fr. M.

S.

BB.

Lychnis Chalcidonica, L. ~~Planted~~
B., r., coll. fr. M.

S.

BB.

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

BB.

Saponaria officinalis, L. ~~Waste places~~ House-sites; roadsides.
B., c. S.

BB.

Silene Amara, L. ~~Planted~~
B., o., coll. fr. M.

S.

BB.

Silene Cucubalus, Wibel.
B., r.

Silene Pennsylvanica, Michx.
B.

S.

BB., r., coll.

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

BB., r., coll.

Stellaria media, Smith. ~~Roadside; house-sites; cultivated fields.~~
B., c. M., o. S., O

BB.

16. Portulacaceae.

Portulaca oleraceae, L. Cultivated ground.
B., c. M., o. S., c.

BB., c.

17. Elatinaceae.

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

BB.

18. Hypericaceae.

Flodas campanulata, Pursh. Damp meadows and swamps.
B., f., coll. fr. M., o., coll. S., o., coll.

BB., o., coll.

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

BB.

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

BB.

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

Hypericum nudicaule, Walt. Ledges, gravelly roadsides, soil.
B., c. (Herb. GJK). M., f. S. BB.

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

20. Malvaceae.

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

Malva rotundifolia, L. Roadsides and housesites. *drum*
B., c. M., f. coll. S., o. BB., o.

21. Tiliaceae.

Tilia Americana, L. ~~and of~~ Woods, edges, swamps.
B., f., coll. fr. M., o. S., r. BB

22. Linaceae.

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

23. Geraniaceae.

Geranium Carolinianum, L. Rocks in open woods, ~~wood roads.~~
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.

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

Oxalis corniculata, L. var. stricta, Sav. ~~Roadsides and fields.~~
B., c., coll. fr. M., c. S. BB.

Oxalis violacea, L. ~~Dry or moist soil in sun or shade~~
B. M. S. BB: r. (Herb. VI)

94 In old garden at Park place

I do not know on what authority. I have a faint
suspicion that I have seen it in B. but can not locate it

94-5

This seems to be confined to Cedar Swamp - mountain
stream meadows in B & is 0. in these localities

94 95

in pools near summit - at lower altitude hills (see 114)
in Cedar Swamp & 0. also meadows

94 In hills at B. ¹/₂ P.O. at St. M. ⁹/₁₀ Superintendent house BB

24. Rutaceae.

- Ailanthus glandulosa*, Desf. ~~Planted~~ S. BB.
 B., r. *old garden* K. r.
Xanthoxylum Americanum, Mill. ~~Moist ground~~ S. BB.
 B. ?., r. *swampy sites, waste places*

25. Ilicineae.

- Ilex glabra*, Gray. ~~Swamp; edge meadow~~ S. BH.
 B., r., coll. lf. *Swampy ground with low bushes.*
Ilex laevigata, Gray. Swamps. S., o., coll. fr. 3B.
 B. S.
Ilex verticillata, Gray. Swamps and bogs. S., c., coll. fr. 3B. o.
 B., c., coll. fr. K., c., coll. S., c., coll. fr.
Nemopanthus fascicularis, Raf. ~~Swamps and meadows~~ S., o. BB. o. coll. lf.
 B., f., coll. lf. M., f. *Swamps & wet low thickets*

26. Celastraceae.

- Celastrus scandens*, L. ~~Rocky slopes~~ S. BB., r. coll. fr.
 B., c., coll. lf. K., r. *Dry rocky slopes and low woods.*

27. Rhamnaceae.

- Rhamnus Americanus*, L. ~~Dry woods and slopes~~ S., o. coll. BB.
 B., o. coll. M., f. (Herb. WD)
Rhamnus cathartica, L. Dry and moist fields and thickets. BB. c. coll. fl.
 B., f., coll. fr. M., f. S., o.

28. Vitaceae.

- Ampelopsis quinquefolia*, Michx. Rocky moist woods *and sunny ledges* S., o. BB., o.
 B., f. M., f.
Vitis aestivalis, Michx. Rocky woods. BB.
 B., f. (Herb. JRC) M., o., coll. lf. S.
Vitis Labrusca, L. Moist rocky places. BB.
 B., f., (Herb. JRC) M., o. S.

29. Sapindaceae.

- Acer Pennsylvanicum*, L. S. BB.
 B., r. (Herb. GJK) M.
Acer platanoides, L. Planted. BB.
 B., r. *roadside* M., r. *roadside* S.
Acer rubrum, L. Very ⁱⁿ wet soil; ^{or} dry soil. BB. c. (Herb. WD)
 B., c. (Herb. JRC) M., c. S., c.
Acer saccharinum, Wang. Small groups, among rocks ^{also} and planted. BB., r. *old lawns*
 B., o., coll. lf. M., o., coll. lf. S., r. *and along roads*

94

O. in S

94 The intersection point of the B_1 indicates that it may not be strictly within the limits of the reservation.

94 I have found this in four widely separated localities in the area. It is g_1 rather than g_2 , probably C_1 but difficult to detect.

95

O. in S

Aesculus Hippocastanum, L. Planted. S. BB.

30. Anacardiaceae.

Rhus copallina, L. Dry fields; ledges. S. BB.

B., f., coll. fl. M., c.

Rhus glabra, L. Fields and low thickets. S., f. BB., f.

B., f., coll. lf. M., f.

Rhus Toxicodendron, L. Dry and wet woods, ~~and~~ fields, *ledges.* S., c. BB., c.

B., c., coll. lf. M., c.

Rhus typhina, L. Pastures and low thickets. S. BB.

B., c. (Herb. GJK). M., f.

Rhus venenata, DC. Swamps. S., f. BB.

B., f. (Herb. JEC). M., f.

31. Polygalaceae.

Polygala cruciata, L. Meadows. S. BB.

B. ?, r., coll. fl. M., c.

Polygala polygama, Walt. Open places in dry woods. S. BB.

B., r. (Herb. GJK). M., f.

Polygala sanguinea, L. Moist and wet places. S. BB.

B., c., coll. fl. M., f., coll. fl.

Polygala verticillata, L. Dry open land. S. BB.

B., f., coll. M., c.

32. Leguminoae.

Amphicarpaea monoica, Ell. Woods. S., c., coll. BB., c., coll.

B., f., coll. M., f.

Apios tuberosa, Moench. ~~Among bushes~~ in moist ground. S., c. BB.

B., c., coll. fl. M., c.

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

B., c., coll. f. M., c.

Desmodium acuminatum, DC. Rocky open woods. S. BB.

B., f., coll. fr. M., r.

Desmodium Canadense, DC. Roadsides and moist open ground. S. BB.

B., c., coll. fl. M., c.

Desmodium canescens, DC. Poor dry soil. S. BB.

B., r., coll. fl. M.

Desmodium ciliare, DC. S. BB.

B., c. (Herb. GJK). M.

94

White flowered form of *D. nudiflorum* in Mo. single plant

90-5 Spreads rapidly on newly burned ground in W

99-5

Same as 90-5 for cover of these entries

<i>Desmodium angustatum</i> , Torr. & Gray		Ricky woods.	
B.f. coll. fl.	M.r. coll. fr.	S. r. coll. fr.	BB.
<i>Desmodium Dillenii</i> , Dur.		Woods.	
B. coll.	M. o.	S.	BB.
<i>Desmodium Marylandicum</i> , Boott.		Woods and roadsides.	
B. f. (Herb. GGK)	M.	S.	BB.
<i>Desmodium radiflorum</i> , DC.		Rocky woods, and roads	
B. coll.	M. coll. fl.	S.	BB.
		a white fl. form coll.	
<i>Desmodium paniculatum</i> , DC.		Rocky open woods	
B. f. coll.	M. f. coll. fl.	S. f.	BB.
<i>Desmodium rigidum</i> , DC.		Borders of woods.	
B. f. coll.	M. o. coll. fl.	S.	BB.
<i>Desmodium rotundifolium</i> , DC.		Dry open woods.	
B. o. coll.	M. o.	S. f. coll.	BB.
<i>Lespedeza capitata</i> , Michx.		Gravelly roadsides, and dry open woods, <i>fl. coll.</i>	
B. o. coll.	M. f.	S.	BB.
<i>Lespedeza Nuttallii</i> , Dur.		Rocky thinly wooded slopes.	
B.	M.	S. r.	BB.
<i>Lespedeza polystachya</i> , Michx.		Open woods.	
B. o. coll. fl.	M. f. coll. fl.	S.	BB.
<i>Lespedeza procumbens</i> , Michx.		Dry thin woods.	
B. f. coll. fl.	M. r.	S. o. coll. fr.	BB.
<i>Lespedeza reticulata</i> , Pers.		Hillsides.	
B. o. coll. fl.	M.	S.	BB.
<i>Lespedeza Stuebeli</i> , Nutt. var. <i>intermedia</i> , Watson.		Rocky woods and slopes.	
B. o. coll. fl.	M. o. coll. fl.	S. o. coll. fl.	BB.
<i>Lespedeza violacea</i> , Pers.		Roadsides and dry woods. <i>wood coll.</i>	
B. v. coll.	M. r. coll. fl.	S. r. coll. fr.	BB.
<i>Lespedeza Virginica</i> , (L.)		Open rocky hillsides.	
B.	M. r. coll. fl.	S.	BB.
<i>Medicago lupulina</i> , L.		Housesites; roadsides; <i>fields</i> <i>dump</i>	
B. f.	M. o.	S.	BB. coll. fl.
<i>Melilotus officinalis</i> , Willd.			
B. o.	M.	S.	BB.
<i>Relbunium pseudacacia</i> , L.		Housesites and roadsides.	
B. o.	M. f.	S. o.	BB. r.
<i>Lespedeza Virginiana</i> , Pers.		Slopes and woody paths.	
B. r. (Herb. GGK)	M.	S.	BB.
		<i>coll. from woods & wood roads</i>	

plus en coupe de

<i>Trifolium agrarium</i> , L. B., f., coll. fl.	L. M., f.	Sandy places and roadsides.	S.	BB.
<i>Trifolium arvense</i> , L. P., c., coll. fl.	L. M., c.	Roadsides; gravelly soil, ledges.	S.	BB.
<i>Trifolium hybridum</i> , L. P., o.	L. M., f.	Housesites, roadsides, fields.	S.	BB., r. coll. f.
<i>Trifolium pratense</i> , L. B., o. M., f.	L. M., f.	Housesites; roadsides; fields.	S.	BB., c. coll. f.
<i>Trifolium repens</i> , L. B., c.	L. M., c.	Pastures, roadsides, housesites.	S., c.	BB., c.
<i>Vicia Cracca</i> , L. E.	L. M., o.	Moist ^{grassy} open ground.	S., o., coll. fl.	BB.
<i>Vicia sativa</i> , L. E.	L. M., r.		S.	BB.

33. Rosaceae.

<i>Agrimonia eupatoria</i> , L. B., o., coll.	L. M., o.	Old housesites; roadsides; pastures.	S.	BB.
<i>Amelanchier Canadensis</i> , Torr. & Gray. B., f. (Herb. GCK).	L. M., f., coll. fr.	Scattered in wet and dry land.	S., o.	BB.
<i>Amelanchier Canadensis</i> , Torr. & Gray, var. <i>oblongifolia</i> , Gray. B., f., coll. fr.	L. M., c.		S.	BB.
<i>Orataegus coccinea</i> , L. B ?.	L. M ?.		S.	BB.
<i>Orataegus coccinea</i> , var. <i>mollis</i> , Torr. & Gray. B.	L. M ?.		S.	BB.
<i>Orataegus Oxycantha</i> , L. B.	L. M.	<i>old on sites</i>	S.	BB. f. coll. f.
<i>Fragaria vesca</i> , L. B.	L. M., o., coll.	Woods.	S.	BB., o. coll. f.
<i>Fragaria Virginiana</i> , Duchesne. B., f., (Herb. JRC).	L. M., c.	Woods and fields.	S.	BB. f. coll. f.
<i>Geum album</i> , Gmel. B., o. (Herb. GCK)	L. M., o., coll. fr.	Rocky and moist woods.	S.	BB. o. coll. f.
<i>Geum rivale</i> , L. B.	L. M., o.	Meadows	S.	BB. c (Herb. WI)
<i>Geum Virginianum</i> , L. B.	L. M., o.	Roadsides and thickets.	S.	BB. f. (Herb. G)

255 This should be verified. Garden berries escaped, and they
found in M + B but they may not be abnorm in all cases

256 A well established lot of Dawson plants is to be found in B.B.
as in 200 section of B.B.

See notes on page 255.

257 In all circumstances near house, in garden fields + woods
as in similar places to east and a little more

258 This is probably *S. ...*

259 *Helianthus* I am safe in assuming leaves in herb. to be *Helianthus*
as it is a well established plant on house site.

II.

Potentilla argentea, L. B., c.	L., c. M., c.	Thin open soil, <i>in sun.</i>	S., c.	BB., c.
Potentilla Canadensis, L. B., c. coll. fl.	M., c. (Herb. WD)	Fields; meadows; roadsides, <i>open woods.</i>	S., c.	BB. c. coll. fl.
Potentilla Norvegica, L. B., c. (Herb. GGH)	M., f.	Low wet grounds, <i>herb. woods.</i> <i>moist & wet open or partly shaded soil</i>	S. c.	BB.
Prunus Avium, L. B.	M., o.	<i>housesites, road sides</i>	S.	BB
Prunus Cerasus, L. B., o.	M., r.	Borders of woods and roads.	S.	BB.
Prunus Cydonia, L. B.	M., r.	Near houses. <i>old gardens</i>	S.	BB.
Prunus domestica, L. B.	M.	Housesites.	S.	BB., o.
Prunus Pennsylvanica, L. B., f. coll. fl.	M., o.	Gravelly slopes, <i>in hills.</i> <i>low and thin soil in some light shade</i>	S., o.	BB., o
Prunus pumila, L. B., o. coll. lf.	M., o.	Hilltops and rocky slopes.	S.	BB.
Prunus serotina, Ehrh. B., o. (Herb. GGH)	M., f. coll. fl.	Borders of woods.	S.	BB.
Prunus Virginiana, L. B., o. coll. fl.	M., c.	Borders of woods.	S.	BB.
Pyrus arbutifolia, L. B., f. coll. fr.	M., f.	Borders of meadows and fields.	S., f. coll. fr.	BB.
Pyrus arbutifolia, L. var. melanocarpa, Hook. B., f. coll. fr.	M., c.	Roadsides, meadows, fields.	S.	BB.
Pyrus Aucuparia, Gaert. B., r. (Herb. JRC)	M., o. coll. lf.	Moist woody places. <i>woods & hills</i>	S.	BB., r.
Pyrus communis, L. B., r.	M., r.	Housesites, <i>pastures</i>	S., r.	BB., r. coll. lf.
Pyrus Malus, L. B., o.	M., o.	Fields, woods, pastures.	S., o.	BB., o.
Pyrus sambucifolia, Cham. & Schlecht. B., B.	M., r. coll. lf.	<i>Lidgey slopes.</i>	S.	S.
Rosa blanda, Ait. B., r. coll. fr.	M.	Thin woods.	S.	BB.
Rosa canina, L. B., r.	M.	Planted	S.	BB.
Rosa Carolina, L. B.	M., c. coll. fl.	Moist low thickets.	S.	BB., c. coll. fr.

Rosa cinnamomea
B., r.

24

Posa Manilla ... catalogues. This and the
... *P. canina* used as stock on which to graft or
... cultivated ... growing & spreading a little in Parks
garden

24

yellow ... from thickets in ...
No. of ... and M.

24

... be more carefully determined
... being ... to ...
... are hardly likely to persist without
...
24

Rosa humilis Marsh	B., r. (Herb GJK)	M	S.	BB _x
Rosa lucida Ehrh.	B., f. coll. fr	M., f. coll. fr	Low thickets. S., f.	BB., f.
Rosa Manetti	B., r. <i>old garden</i>	M.	Planted. S.	BB.
Rosa micrantha, Smith.	B.	M. ? R	S.	BB.
Rosa subginea, B.	B., o.	M., o.	Pastures S.	BB., o.
Rubus canadensis, B.	B., f. (Herb JRC)	M., c.	Dry fields and roadsides S.	BB. c. coll. f.
Rubus hispidus, L.	B., f. coll. fl.	M., f.	Partial shade moist soil in light shade S., f.	BB., f.
Rubus occidentalis, L.	B., o. coll. fr	M., f. coll. fl.	Open rocky places in woods coll. a yellow barked var S.	BB
Rubus strigosus, Michx.	B., c. coll. fl.	M., c.	<i>Among rocks in partial shade or in low thickets</i> Fields and low thickets. S., c.	BB. c. coll. f.
Rubus triflorus, Rich.	B., f. coll. fl.	M., f.	Woods <i>moist or wet woods</i> S.	BB. f.
Rubus villosus, Ait.	B., c. coll. fl.	M., c.	Open wet and moist places. S., f.	BB. o. coll. f.
Spiraea betulifolia, Mill.	B., r. <i>old garden</i>	M.	Planted S.	BB.
Spiraea filipendula, L. var.	B., r.	M.	in pl., hort. <i>Planted</i> S.	BB
Spiraea Japonica, L.	B., r.	M.	<i>Planted</i> S.	BB
Spiraea prunifolia, Sieb.	B., r. <i>old garden</i>	M.	Planted S.	BB.
Spiraea salicifolia, L.	B., c. coll. fr	M., c.	Meadows; fields; hilltops S., c. coll. fl.	BB., c.
Spiraea sorbifolia, L.	B., r. <i>old garden</i>	M.	Planted S.	BB
Spiraea tomentosa, L.	B., o.	M., o.	Meadows and fields S., o.	BB., f.

95 in S. + coll.

95 *Filices nigra* persisting in old garden in E. soil

94

Both in rocks near house
No. 25 Pond, I am not sure
as to determination of *Sedum*

95

both fr. Muddy Brook Aug 5

35 Saxifragaceae.

- Chrysosplenium Americanum, Schwein. ~~In springs and brooks.~~
 Br. (Herb. J. C. R.). M., f. S. 0 BE., coll.
Spings, brooks and shaded wet ground
- Deutzia gracilis, Sieb. & Zucc. ~~Planted.~~
 B., r. *old garden* M. S. BE.
- Deutzia scabra, Thunb. var. fl. pl. hort. ~~Planted~~
 B., r. *old garden* M. S. BE.
- Deutzia scabra, Thunb. ~~Planted.~~
 B., r. *old garden* M. S. BE.
- Hydrangea paniculata, Sieb. var. grandiflora, hort. ~~Planted.~~
 B., r. *old garden* M. S. BE.
- Philadelphus coronarius, L. ~~Planted.~~
 B. r. *old garden* M. S. BE.
- Philadelphus Gordonianus, Lindl. ~~Planted.~~
 B., r. *old garden* M. S. BE.
- Ribes oxycanthoides, L. *Rocky* ~~Stony~~ moist slopes.
- Ribes rubrum, L.
 B. r. *coll. M. r.* (Herb. MI). S. BE.
- Ribes rubrum, L. var. subglandulosum, Max. Roadsides.
 B. M. r. S. BE.
- Saxifraga Pennsylvanica, L. ~~Moist ground.~~
 B. f. M. f. S. BE. c (Herb
Swamps)
- Saxifraga Virginiana, Michx. ~~Moist ledges.~~
 B. f. M. c. (Herb. MI). S. BE. . .

36 Crassulaceae.

- Penthorum sedoides, L. Bogs and shores.
 B. r. (Herb) G. K. S. BB.
- Sedum Telephium, L. House-sites and roadsides.
 B. M. r. S. BB.
- Sedum ternatum, Michx. ~~Planted.~~
 B. M. r. *old garden* S. BE.
- Sempervivum tectorum, L. Planted.
 B. *M., r. old garden* S. BB.

37 Droseraceae.

- Droseria intermedia, Hayne, var. Americana, DC. Meadows
 B. f. (Herb. G. K.). M., f. coll. S. BE.
S. 7
- Drosera rotundifolia, L. Meadows
 E. f. coll. M. S. BE.
S. 7

94⁵ Haze found in several places in B. o. rather than V.

38. Hamamelideae.

Hamamelis Virginica, L. Moist ^{or damp} ~~shady~~ woods. BB-c. coll. fr.
 B.e. coll. fr. M.e. S.c.

39. Haloragaceae.

Callitriche heterophylla, Furch. Under water. BB
 B. M.r. coll. S.

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

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

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

40. Melastomaceae.

Rhexia Virginica, L. ^{open} wet sandy or gravelly soil. BB.
 B.r. M. S.

41. Lythraceae.

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

Lythrum Hyssopifolia, L. ^{meadow paths} Meadows. BB.
 B.r. M. S.

42. Onagraceae.

Circaea Lutetiana, L. Moist shady places. BB.r. (Herb. WD)
 B.d. coll. M.r. S.

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

Epilobium angustifolium, L. ^{grassy} ~~low~~ wet ground. BB.
 B.e. coll. fl. M.f. coll. fl. S. coll. fl.

Epilobium coloratum, Muhl. ^{Wet grassy ground} Wet ground. BB.
 B.o. (Herb. JRC) M. S.

Epilobium glandulosum, Lehm. Wet ground. BB.
 B. M.o. S.

94-95

Treadall several localities in S.

96

in Jeffrey Valley and along W. side of S.

Epilobium lineare, Muhl.	Borders of swamps.		
B.c. coll. fl.	M.f. coll. fl.	S.	BB.
Ludwigia palustris, Ell.	Bogs and meadows.		
B.f. (Herb. JRC).	M.f.	S.	BB.
Oenothera biennis, L.	Roadsides and housesites.		
B.f.	M.f.	S.	BB.
Oenothera pumila, L.	Wet places.		
B.r. (Herb. GJK).	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.c. 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.	Wet 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 and roadsides. dumps		
B.f. coll.	M.o.	S.o.	BB.o.

Sanicula Marilandica, L.	Woods Damp moist 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.

Have found in a number of widely separated
localities in Pa. τ rather than \circ . I think also \circ , rather
than τ , in M.

49. Araliaceae.

Aralia hispida, Vent.	Stony land.			
<u>B.f.coll.</u>	<u>M.c.</u> (Herb.MI).	S.		BB.
Aralia nudicaulis, L.	Woods.			
<u>B.o.coll.lf.</u>	<u>M.o.</u>	S.		<u>BB.o.coll.lf.</u>
Aralia racemosa, L.	Wooded slopes.			
<u>B.r.coll.</u>	<u>M.r.coll.fl.</u>	S.BB.		

50. Cornaceae.

Cornus alternifolia, L.f.	Moist places.			
<u>B.o.</u> (Herb.GGK).	<u>M.f.</u>	<u>S.o.</u>		BB.o.
Cornus Canadensis, L.	Woods.			
<u>B.r.coll.lf.</u>	<u>M.o.</u>	<u>S.o.coll.fl.</u>		BB.
Cornus circinata, L'Her.	Base of ledges.			
<u>B.f.coll.</u>	<u>M.r.coll.fr.</u>	<u>S.r.</u>		BB.
Cornus florida, L.	Dry and moist rocky slopes.			
<u>B.o.</u> (Herb.JRC).	<u>M.f.</u>	<u>S.f.coll.lf.</u>		BB.
Cornus paniculata, L'Her.	Roadsides; dry open land.			
<u>B.o.coll.</u>	<u>M.o.</u>	<u>S.r.coll.</u>		BB.o.
Cornus sericea, L.	Wet ground.			
<u>B.f.coll.fr.</u>	<u>M.f.</u>	<u>S.f.coll.lf.</u>		BB.o.
Nyssa sylvatica, Marsh.	Swamps.			
<u>B.o.</u>	<u>M.o.</u>	<u>S.r.coll.fr.</u>		BB.

51. Caprifoliaceae.

Dicentra trifida, Moench.	Rocky open woods and hilltops.			
<u>B.s.coll.</u>	<u>M.f.</u>	<u>S.f.</u>		BB.
Lonicera Japonica, Thunbg.	Planted			
<u>B.r.old garden</u>	<u>M.</u>	S.		BB.
Lonicera sempervirens, Ait.	Escaped?			
<u>B.l.</u> (Herb.GGK).	<u>M.r.</u>	S.		BB.
Lonicera Tatarica L.	Planted			
<u>B.old garden</u>	<u>M,r.</u>	S.		BB.
Sambucus Canadensis, L.	Meadows and swamps.			
<u>B.f.</u>	<u>M.o.</u>	<u>S.o.coll.fr.</u>		<u>BB.o.</u>
Sambucus racemosa, L.	Rocky ^{sd} and shade slopes.			
<u>B.r.coll.fl.</u>	<u>M.</u>	S.		BB.
Triostemum perfoliatum, L.	Brooksides ; moist woods.			
<u>B.o.</u> (Herb.WD).	<u>M.o.</u>	S.		BB.

TU

It would be safer to have this reprinted.

15 C. in Wash. of Valley S. near Washington D. C.

16 Millwood N. C. S.

Viburnum acerifolium, L.	Woods. Dry or moist 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.o.coll.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.fr.	M.o.coll.fr.	S.	BB.f.coll.

52. Rubiaceae.

Cephalanthus occidentalis, L.	Dogs and meadows.		
B.c.coll.fr.	M.f.coll.fr.	S.c.	BB.f.
Galium Aparine, L.	Meadows and damp woods.		
B.	M.f.	S.	BB.
Galium asprellum, Michx.	Wet ground.		
B.o.coll.	M.f.	S.	BB.
Galium boreale, L.	Planted		
B.r. old garden	M.	S.	BB.
Galium circaeans, Michx.	Dry woods.		
B.f. (Herb. G.K).	M.f.coll.	S.	BB.
Galium lanceolatum, Torr.	Woods		
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. J.C).	M.c.coll. fr.	S.	BB.
Galium trifidum, L. var. latifolium, Torr.	Moist land.		
B.	M.r.	S.	BB.
Galium triflorum, Michx.	Moist woods.		
B.o.coll.	M.r.	S.	Bp.
Galium verum, L.	Woods		
B.	M.	S.r. (Herb. BMHS).	BB.
Houstonia purpurea, L. var. longifolia, Gray.	Rocky slopes.		
B.f.coll.	M.o.coll.	S.O	BB.
Mitchella repens, L.	Woods. Woods.		
B.c.coll.fr.	M.c.	S.c.	BB.c.

94-5

C. in S. + B.B.

11

7. in S.

12

7 in S. + B.B.

55. Compositae.

Achillea Millefolium, L.	<i>Moist open or light shade</i> Woodroads, rocks, about houses.	B.c.	S.c.	BB.c.	
Achillea Ptarmica, L. var. fl. pl. hort.	<i>Planted.</i>	B.r. old garden	S.	BB.	
Ambrosia artemisia-folia, L.	<i>Moist open or light shade</i>	B.c. coll. fl.	S.	BB.o.	
Anaphalis Margaritacea, Benth. & Hook.	Dry open woods, and fields.	B.c. coll. fl.	M.f. coll. fl.	S. f.	BB.
Antennaria plantaginifolia, Hook.	Thin poor soil.	B.f. (Herb. JRC).	M.f.	S. f.	BB. f.
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.	B.
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.o. (Herb. GJK).	M.f.	S.o.	BB.
Aster dumosus, L.	Moist land.	B.o. coll.	M.o. coll. fl.	S.	BB.
Aster ericoides, L.	<i>Moist open or light shade</i>	B.	M ? r. coll. fl.	S.	BB.
Aster Herveyi, 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. GJK).	M.	S.	BB.

76 A specimen of this was coll. not far from the R. L. ...
near ... road in ...

77 Persisting in ...

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.c.coll.fl.		S.c.coll.		BB.
Aster multiflorus, Ait.	Dry open land.				
B.	M.c.		S.		BB.
Aster nemoralis, Ait.					
B.r. (Herb.JKC).	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.c.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.		BE.		BB.
Aster umbellatus, Mill.	Rocky woods.				
B.c.coll.	M.f.coll.		S.c.		BB.
Aster undulatus, L.	Dry open woods and fields.				
B.c. (Herb.GGK).	M.c.		S.c.		BB.
Aster vimineus, Lam.	Meadows and low ground.				
B.c. (Herb.JKC).	M.c.		S.		BB.
Bidens Beckii, Torr.	Pools and slowly moving water.				
B.r.coll.fl.	M.		S.		BB.
Bidens cernua, L.	Docks and ditches.				
B.	M.f.coll.fl.		S.		BB.r.coll.
Bidens connata, Muhl.	Wet open ground.				
B.	M.c.coll.		S.c.coll.fl.		BB.
Bidens frondosa, L.	Wet and dry low open ground.				
B.c.coll.	M.c.coll.		S.c.coll.fl.		BB.c.
Centaurea Cyanus, L.	Plant				
B.r. old garden	M.		S.		BB.

94-5

Well set in Forest St + near Hotel Eldorado
in M.

95

about house site in Nape, Valley, S.

96

same as last

Centaurea nigra, L.	Roadsides and housesites.		
B ? r. (Herb. JAC).	<u>M.o.</u>	S.	BB.
Chrysanthemum Leucanthemum, L.	Roadsides and fields.		
B.c.	M.c.	S.c	EB.c.
Chrysanthemum Parthenium, Pers.	no sessiles. <i>Mixt a dry open or partly shaded ground.</i>		
<u>B.r. coll. fl.</u>	<u>edg. coll.</u>	S.	BB.
Cichorium Intybus, L.	Roadsides.		
B.	<u>M.f.</u>	<u>S.O</u>	EB.
Cnicus arvensis, Hoffm.	Roadsides and fields.		
B.	<u>M.f.</u>	<u>S.O</u>	EB.
Cnicus lanceolatus, Hoffm.	Fields and roadsides.		
<u>B.o. coll. fr.</u>	<u>M.c.</u>	S.	EB.
Cnicus nuticus, Pursh.			
B.o. (Herb. JAC).	M.	S.	EB.
Cnicus pumilus, Torr.	Pastures.		
B.c.	M.f. coll. fl.	S.	EB.
Erechtites hieracifolia, Raf.	Open damp woods.		
B.f. coll. fl.	M.f.	S. f.	BB.
Erechtites hieracifolia, Raf. forma ambigua, DC.	<i>more & thickly becomes very vigorous & conspicuous in recently burned ground.</i>		
B.r. (Herb. JAC).	M.	S.	BB.
Erigeron annuus, Pers.	Roadsides and wet places.		
B.	M.f.	S.	BR.
Erigeron bellidifolius, Nyhl.	<i>Dry or moist soil (in open or partial shade)</i> Dry fields and open woods.		
B.o. coll. fl.	M.f.	S.	<u>BB.o. coll. fl.</u>
Erigeron Canadensis, L.	Roadsides and fields.		
B.f.	M.c.	<u>S.O</u>	BB.
Erigeron Philadelphicus, L.	<i>Dry or moist soil (in open or partial shade)</i>		
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 ageratoideus, L.	Roadsides.		
B.	M.r.	S.	BB.
Eupatorium aromaticum, L.			
B.f. (Herb. WD).	M.o. (Herb. MI).	S. coll. fl.	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.	<u>S.C</u>	<u>BB.C</u>

95

Traced in the location in S.

95

along brook near office. in S.

- * Eupatorium purpureum? l. var. amcenum, Gray. B.r. coll. fl. M. S. BB.
 Eupatorium rotundifolium, L. var. ovatum, Torr. B ? .r. coll. M. S. BB.
 Eupatorium sessilifolium, L. B.e. coll. Rocky slopes. S. BB.
 Eupatorium, taurifolium, Willd. B.f. coll. fr. M.e. cl.. ^{moist} ~~low~~ woods and moist thickets. S.e. coll. fr. BB.
 Gnaphalium decurrens, Ives. B.r. coll. ~~edges~~ ^{Thin soil on ledges in B}
 Gnaphalium polycephalum, Michx. B.e. coll. fl. M.o. coll. Open Woods and fields. S.r. BB.
 Gnaphalium uliginosum, L. B.c. coll. fl. M.c. coll. fl. Open ground. S.c. BB.
 Helianthus annuus, L. B. M.r. Housesites and waste places, ~~dump~~ S. BB.
 Helianthus divaricatus, L. B.c. coll. fl. M.c. Edges/dry thickets. S.e. coll. fl. BB.
 Hieracium Gronovii, L. .B. M. S ? .r. BB.
 Hieracium Marianum, Willd. B.r. (Herb. GGK). M. S. BB.
 Hieracium paniculatum, L. B.c. coll. M.c. coll. ^{open} Dry woods. S.o. BB.
 Hieracium scabrum, Michx. B.f. coll. M.f. coll. Dry woods + fields S.f. coll. fl. BB.
 Hieracium venosum, L. B.c. coll. fl. M.c. ^{dry} open woods. S.e. coll. fl. BB.
 Krigia Virginica, Willd. B.o. coll. M.f. Ledges and dry pastures. S.o. BB.
 Lactuca Canadensis, L. B.c. coll. M.f. ^{low} Moist shrub thickets. S.o. coll. fr. BB.
 Lactuca hirsuta, Muhl. B.r. coll. fr. M.r. (Herb. MI). Woods. S. BB.
 Leontodon autumnalis, L. B.c. coll. fl. M.c. Fields and roadsides. S. BB.c.
 Mikania scandens, Willd. B.o. coll. M. Bushy meadows. ^{low} thickets near running water. S.f. BB.o. coll. fr.
 Prenanthes alba, L. B.o. coll. fl. M.f. coll. Woods. S.o. BB.

95

Presumably this coll. in Happy Valley
swamp S.

94

This seems to predominate on the tops of the larger hills
N. of Hillside St to Blue Hill. + to be rare
or absent from hill tops (excepting perhaps Bear E. of
Hillside St.

<i>Renanthes serpentaria</i> , Pursh.				
B.c.coll.	M.c.coll.fl.	S.c.coll.		BB.
<i>Rudbeckia hirta</i> , L.	Fields.			
B.	M.f.	S.		BB.
<i>Senecio aureus</i> , L.	Meadows.			
<u>B.f.</u> (Herb.G&K).	M.f.	<u>S.c.</u>		BB.c.coll.fl.
<i>Senecio aureus</i> , L.var. <i>Balsamitae</i> , Torr.& Gray.	Rocky, open woods.			
B.	M.r.	S.		BB.
<i>Sericocarpus conyzoides</i> , Nees.	Rocky woods; roadsides.			
B.c.coll.	M.c.coll.fr.	S.c.coll.fr.		BB.
<i>Sericocarpus solidagineus</i> Nees.	Dry woods and Hilltops.			
B.o.coll.	M.r.coll.fl.	S.		BB.
<i>Solidago arguta</i> , Ait.				
B.c.coll.	M.f.	S.		BB.
<i>Solidago bicolor</i> , L.	Dry woods and roadsides.			
<u>B.c.coll.</u>	<u>M.c.</u>	<u>S.c.</u>		BB.
<i>Solidago caesia</i> , L.	^w Dry Woods.			
<u>B.f.</u> (Herb.G&K).	<u>M.c.</u>	<u>S.c.</u>		BB.c.
<i>Solidago Canadensis</i> , L.	Meadows; fields; roadsides.			
B.c.	M.c.	S.c.		BB.c.
<i>Solidago canadensis</i> , L. var. <i>glabrata</i> , Porter.				
B.r.coll.fl.	M.	S.		BB.
<i>Solidago Canadensis</i> , L. var. <i>procera</i> , Torr.& Gray.				
B.r.coll.fl.	M.	S.		BB.
<i>Solidago juncea</i> , Ait.	Rocky open woods.			
B.c.coll.fl.	M.c.coll.fl.	S.		BB.
<i>Solidago lanceolata</i> , L.	Moist ground and borders of woods.			
<u>B.f.coll.fl.</u>	<u>M.f.</u>	<u>S.</u>		BB.
<i>Solidago latifolia</i> , L.	Moist foot of ledges.			
<u>B.o.coll.fl.</u>	<u>M.o.coll.fl.</u>	<u>S.</u>		BB.
<i>Solidago neglecta</i> , Torr.& Gray.	Moist places.			
B.o.coll.fl.	M.o.	S.c.coll.fl.		BB.
<i>Solidago nemoralis</i> , Ait.	Roadsides.			
B.c.coll.fl.	M.	<u>S.c.</u>		BB.
<i>Solidago odora</i> , Ait.	Open ground and dry woods.			
<u>B.f.coll.</u>	<u>M.f.coll.</u>	<u>S.o.</u>		BB.
<i>Solidago puberula</i> , Nutt.	Dry fields and open woods.			
B.o.coll.	M.o.coll.	S.		BB.

95. In

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.e. (Herb. JRC).	M.f.coll.fl.	S.f.coll.fl.	BB
Solidago ulmifolia, Muhl.	Damp woods and fields		
B.e.coll.	M.e.coll.fl.	S.o.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.e.coll.fl.	M.e.	<u>S.o.</u>	BB
Taraxacum officinale, Weber.	Open fields.		
B.c.	M.e.	S.c.	B.c.coll.fr.
Taraxacum officinale, Weber, var. glaucescens, Koch.			Slopes
B.	M.	S.	B.c.coll.fr.
Xanthium Canadense, Mill. var. cchinatum, 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.	<u>S.o.</u>	BB
Lobelia inflata, L.	Moist open fields and roadsides		
B.f.coll.	M.f.coll.fl.	S.	BB
Lobelia spicata, Lam.	Wet ground. Moist in open fields		
B.	M.f.	S.	BB
<i>Lobelia spicata</i>	<i>Shallow wet in ponds</i>		
<u>B.f.</u>			

94- Point ⁹⁵ across B: Washington St. S.

94 I doubt if this would persist unless cultivated in
to present position

Set 1914

57. Campanulaceae.

Campanula aparincoides, Pursh.	<i>Grassy meadows,</i>		
B.o. (Herb.GGK).	M.o.	S.	BB.
Campanula divaricata, Michx.	Planted		
B.r. <i>old garden</i>	M.	<i>S.r. roadside</i>	BB.
Platycodon grandiflorus, DC.	Planted		
B.r. <i>old garden</i>	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.c.	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 slopes.		
B.f.coll.	M.f.	S.	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, <i>pastures.</i>		
B.o.	M.f.	S.f.coll.fl.	BB.c.
Kalmia latifolia, L.	Moist rocky hillsides.		
B.f.coll.fr.	M.	S.	BB.
Luceetnae racemosa, Gray.	Wet ground, <i>low thickets</i>		
B.o.coll.	M.c.coll.fl.	S.r.coll.	BB.

95 soil with ground S.

95 large patch in woods from muddy pool, 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 rhoifera, 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 + woods			
B.r. coll. lf.	M.c.	S.r. coll. fr.		BB.
Vaccinium corymbosum, L.	Moist and wet open places.			
B.o. (Herb. W.D.).	M.f.	S.		BB-r. coll. fl.
Vaccinium corymbosum, L. var. amoenum, Gray.	Moist open places.			
B.o. (Herb. GJK).	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.
Vaccinium vacillans, Soland.	Day upland woods.			
B.c. coll.	M.c.	S.c. coll.		BB.c.

61. Primulaceae.

Hottonia inflata, Ell.	Still Stagnant water.			
B.	M.r. (Herb. MI).	S.Y.		BB.
Lysimachia nummularis, L.	Moist fields, horse site			
B.	M.r.	S.		BB.

24-95

In B. this grows also on hill sides around
with a few scattered trees.

Lysimachia quadrifolia, L.	Open woods and low ground.		
<u>B.c. coll. fr.</u>	<u>M.c.</u>	<u>S.f. coll.</u>	BB.
Lysimachia stricta, Ait.	Meadows.		
<u>B.f. (Herb. GFK).</u>	<u>M.o.</u>	<u>S. r</u>	BB.
Lysimachia thyrsoiflora, L.	Swamps and bogs.		
B.	M.r.	S.	BB.
Lysimachia vulgaris, L.	Planted,		
<u>B.r. old garden</u>	M.	S.	BB.
Steironema ciliatum, Raf.	Bogs and meadows.		
B.r. coll.	<u>L.f.</u>	S.	BB.
Steironema lanceolatum, Gray.	Meadows.		
B.r. coll.	M.o.	<u>S.o. coll. fl.</u>	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.		
<u>B.o.</u>	<u>M.c.</u>	<u>S.o.</u>	BB.f.
Fraxinus pubescens, Lam.	Near and in swamps in M.		
<u>B.o.</u>	M.r. (Herb. JAC).	S.r.	BB.r.
Fraxinus sambucifolia, Lam.	Swamps.		
<u>B.o. coll.</u>	M.	S.r.	BB.r.
Ligustrum vulgare, L.	Housesites ; pastures ; ledges.		
<u>B.f. coll. fl.</u>	<u>M.c.</u>	S.c.	BB.o.
Syringa vulgaris, L.	Planted.		
<u>B.r. old garden</u>	<u>M.o.</u>	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. Asclepiadiaceae.

Asclepias Cornuti, Dene.	Roadsides, open fields		
B.c.	M.c.	S.	BB.
Asclepias incarnata, L. var. pulchra, Gray.	bogs and roadsides.		
<u>B.o. coll.</u>	<u>M.f. coll. fl.</u>	<u>S.o. coll. fl.</u>	BB.
	<u>Wet open places</u>		

95 a specimen coll in S. by ²²10/10

95 in Mendenhall's

95 1870; Mendenhall

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. Day	Rocky woods.
B.o. (Herb. WD) M.o.	S. Y. BB.
Asclepias verticillata, L.	Hilltop, slopes
B. M.	S.r. coll. fr. BB.

69. Gentianaceae.

Bartonia tenella, Muhl.	Swamps.
B.o. coll. fl. M.	S. BB.
Gentiana crinita, Griseb.	Low Meadows.
B ? . r. M.	S. BB.
Limnanthemum lachnesum, Griseb.	Wet meadows, salt marsh
B.r. (Herb. GSK) M.	S. BB.
Menyanthes trifoliata, L.	Bogs.
B.r. M.	S. Y. BB.

72. Boraginaceae.

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. c. M.c. (Herb. WD).	S. BB. c.

73. Convolvulaceae.

Calistegia sepium, L.	Planted
B.r. old garden M.	S. BB.
Cuscuta Gronovii, Willd.	Moist thickets.
B. f. coll. fl. M. f.	S. f. coll. BB.
Ipomaea hederacea, Jacq.	
B.r. (Herb. GSK) M.	S. BB.

74

This should be more accurately determined. It was
planted in Park garden

75

See Park garden and ⁹⁵ Hospital nurse site.

76

House site in Happy Valley, along Washington St. 2.
West of site. since 1880.

64. Solanaceae.

Lycium Chinense, Mill.	Planted.		
B.r. coll. fl.	S.		BB.
Lycoopersicon esculentum, Mill.		roadsides and dumps.	
B.r. coll. fl.	S.		BB.
Petunia nyctagynifolia, Juss.	Planted.		
B.r. coll. fl.	S.		BB.
Solanum Caroliniense, L.		Fields.	
B.r. coll.	S.		BB.
Solanum Dulcamara, L.		Moist places <i>thicket</i>	
B.f. coll.	S.c.		BB.f. coll. fr.

75. Scrophulariaceae.

Chelone glabra, L.		Wet places.	
B.o. (Herb. GSK).	S.		BB.o. (Herb. W)
Gerardia flava, L.		Dry land and woods.	
B.c. coll.	S.f. coll. fl.		BB.
Gerardia pedicularis, L.		Dry woods.	
B.c. coll.	S.c. coll. fl.		BB.
Gerardia purpurea, L. (?)		Woody low ground.	
B.f. coll. fl.	S.		BB.
Gerardia purpurea, L. var. pauciflora, Gray.		Moist lands <i>open land</i>	
B.c. coll. fl.	S.c. (Herb. MI).		BB.
		c. White fl. form (Herb. MI).	
Gerardia quercifolia, Pursh.		Open woods.	
B.f. coll.	S.		BB.
Gerardia tenuifolia, Vahl.		Woods roads <i>open land</i>	
B.c. coll. fl.	S.c. coll. fl.		BB.
		c. White fl. form (Herb. MI).	
Gratiola aurea, L.		Pond edges.	
B.r. coll.	S.		BB.
		<i>Gravelly or sandy shores of ponds</i>	
Illysinthes riparia, Raf.		Gravelly and sandy shores <i>of ponds</i>	
B.r.	S.		BB.
Linaria Canadensis, Dumont.		Roadsides; edges <i>open fields</i>	
B.f. coll. fr.	S.c.		BB.
Linaria vulgaris, Mill.		Waste open ground and house sites.	
B.r.	S.o.		BB.o.
Melantherum Americanum, Poir.		Dry woods.	
B.c. coll. fr.	S.c.		BB.o.

<i>Simulium ringens</i> , L.	Meadows and swamps.		
B.f. coll. fl.	...c.	S.	BB.
<i>Pedicularis Canadensis</i> , L.	Woods and moist fields.		
B.f. coll. lf.	N.c. (Herb. WD).	S.	BB.
<i>Verbascum Thapsus</i> , L.	Housesites and pastures.		
B.o.	N.f.	S.	BB.
<i>Veronica arvensis</i> , L.	Housesites and cultivated fields.		
B.	N.f. coll. fl.	S.	B.c. (Herb. WD)
<i>Veronica officinalis</i> , L.	Open grassy places in low woods.		
B.	B.o. coll. fl.	S.	BB.
<i>Veronica peregrina</i> , L.	Meadows.		
B.	B.	S.	BB.c. (Herb. WD)
<i>Veronica scutellata</i> , L.	<i>open</i> Wet places.		
B.c. coll. fl.	N.f.	S.	BB.f. coll. fl.
<i>Veronica spilioides</i> , L.	<i>open</i> fields.		
B.c. coll. fl.	B.c.	S.	BB.f. coll. fl.

76. Orobanchaceae.

<i>Aphyllia uniflora</i> , Gray.	Am. bushes. <i>Low thickets</i>		
B.r. (Herb. GSH).	N.r. coll. fl.	S.Y.	BB.
<i>Conopogon Americana</i> , Willd.			
B.	N.r. (Herb. DNHS).	S.	BB.
<i>Epipogon Virginianus</i> , L.	Open woods.		
B.o. (Herb. JHC).	B.	S.	BB.

77. Lentibulariaceae.

<i>Utricularia intermedia</i> , Horn.	Bogs.		
B.r. (Herb. JHC).	N.	S.	BB.
<i>Utricularia gibba</i> , L.	Woods and		
B.	N.r. (Herb. FI).	S.	BB.
<i>Utricularia purpurea</i> , Walt.	Shallow water.		
B.	N.f. (Herb. FI).	S.	BB.
<i>Utricularia vulgaris</i> , L.	Ditches.		
B.	N.o.	S.	BB.

78. Bignoniaceae.

Catalpa bignonioides, Walt. ~~Planted~~
 B.r. *old garden* H. S. BB.

81. Verbenaceae.

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

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

85. Labiatae.

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

Galopsis Tetrachia, L. ~~housesites and waste places.~~ *housesites*
 B. ~~X~~.r. coll. M. S. BB.

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

Lecurus Corchoris, L. Roadsides ~~and~~ *housesites* *drumps*
 B.r. coll. fr. M.c. coll. S.o. BB.c.

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.c. BB.

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

Nepeta Cataria, L. Roadsides; housesites ~~and planted~~.
 B.o. M.r. S. BB.

Nepeta Glechoma, Benth. Roadsides and housesites
 B.o. coll. fl. M.r. S. BB.

Pycnanthemum ciliatoides, Gray. Dry slopes.
 B.r. (Herb. G&K). M. S. BB.

Pycnanthemum incanum, Michx. Dry slope 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. G&K). 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. BNHS).	M.	S.		BB.
Trichostema dichotomum, L.	Gravelly roadsides and fields.			
B.c.	M.c.	S.c.		BB.c.coll.
33. Plantagineae.				
Plantago lanceolata, L.	Roadsides ; fields and housesites.			
B.c.coll.	M.c.	S.c.		BB.c.coll.
Plantago major, L.	Fields ; housesites and roadsides. <i>thin woods</i>			
B.c.	M.c.	S.f.		BB.c.
Plantago Rugelii, Dene.	Roadsides and housesites. <i>only soil in open light woods</i>			
B.f.	M.c.coll.fl.	S.		BB.
35. 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.coll.fr.
36. Amaranthaceae.				
Amarantus retroflexus, L.	Roadsides and about buildings.			
B.r.coll.fl.	M.c.	S.		BB.
37. 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 fields.			
B.c.coll.	M.	S.		BB.

It seems to be confined to the soil in a few hillsides in B.

88. Phytolaceae

Phytolacca decandra, L. ~~Fields.~~ S. BB.
 B.o. coll. fl. M.o.
Open woods with patches of berries conspicuously yellow after fire

89. Polygonaceae

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

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

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

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

Polygonum Caryi, Olin. S. BB.
 B.r. (Herb. JHC). M.

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

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

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

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

Polygonum lapathifolium, L. var. incarnatum, Koch. Shores and bogs. BB.
 B.o. coll. M.o. coll. S.

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

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

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

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

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

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

The Medical people for this is not in
the Reservation. Probably the species should go out

Rumex Acetosa, L.	Moist ground.			
B.	N.r. (Herb. WPR).	S.		BB.
Rumex Acetosella, L.	Housesites & roadsides and fields.			
B.c.	N.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.o. (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.o. (Herb. JHC).	M.p.	S.p.		BB.

98. Thymelaeaceae.

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

97. Santalaceae.

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

98. Euphorbiaceae.

Acalypha Virginica, L.	Sandy soil and roadsides in shade.			
B.f.	M.f.coll.fl.	S.f.		BB.
Buxus sempervirens, L.	Plant			
B.r. old garden	M.	S.		BB.
Euphorbia Cyparissias, L.	Roadsides and housesites.			
B.	M.c.	S.		BB.
Euphorbia maculata, L.	Dry fields.			
B.c.coll.fl.	M.c.coll.	S.		BB.

99. Urticaceae.

Behmria cylindrica, Willd.	Wet shady places.			
B.p.coll.fr.	N.r.	S.		BB.r. (Herb. WD)
Morus alba, L.	Plant			
B.r. old garden	M.	S.		BB.

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<i>Pilea pumila</i> , Gray, B.r.coll.	M.r. (Herb. MI).	Moist woods. S.	BB.
<i>Ulmus Americana</i> , L. B.f.	M.f.	Moist places, ^{also} and planted. S.o.	BB.c.
<i>Urtica gracilis</i> , Ait. B.	M.f.	Waste grounds and roadsides. S.	BB.

100. Platanaceae.

<i>Platanus occidentalis</i> , L. B.o	M.o	Near running water. S.	B.B. 7.
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101. Juglandaceae.

<i>Carya alba</i> , Nutt. B.f.	M.c.	Woods. S.	BB.
<i>Carya amara</i> , Nutt. B.	M.r.	Woods. S.	BB.
<i>Carya porcina</i> , Nutt. E.c. (Herb. JRC).	M.f.	Rocky woods. S.	BB.
<i>Carya tomentosa</i> , Nutt. B.c. (Herb. GJK).	M.r.	Hilltops. S.	BB.
<i>Juglans cinerea</i> , L. B.r. (Herb. JRC).	M.o	Rocky slopes. S.	BB.r.
<i>Juglans cinerea</i> x <i>nigra</i> . B.r. old garden	M.	(Hybrid). S.	Planted. BB.
<i>Juglans nigra</i> , L. B.r.	M.	Planted (?). S.	BB.
<i>Juglans regia</i> , L. B.	M.	S.	BB.r. coll. lf

102. Myricaceae.

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

see ...

15

Sp. is the common ... observation

105. Cupuliferae.

Alnus incana, Willd. E.f.	N.c.	Wet places.	S.c.	BB.c.coll.fr.
Alnus serrulata, Willd. B.c (Herb. BK).	N.c.	Wet land.	S.	BB.c.coll.fr.
Betula lenta, L. B.c.coll.fr.lf.	N.o.	Moist rocky slopes and hill tops	S.r.coll.fr.	BB.
Betula lutea, Michx.f. .B.r.	N.o.	Moist valleys and slopes.	S.	BB.
Betula papyrifera, Marshall. E.	N.r.	Rocky wooded slopes.	S.	BB.
Betula populifolia, Ait. B.c.	N.f.	Swamps and open fields, hill tops, especially in	S.c.	BB.f.
Carpinus Caroliniana, Walt. B.c.coll.fl.	N.f.	Cool rocky ravines. and	S.	BB.
Castanea sativa, Mill. var. Americana, Wats. B.c.	N.r.	Well drained slopes.	S.	BB.
Corylus Americana, Walt. E.f.coll.fr.	N.c.	Dry open land.	S.c.	BB.c.
Corylus rostrata, Ait. E.c. (Herb. G.M.).	N.o.	Fields. and	S.	BB.
Fagus ferruginea, Ait. E.o. (Herb. W.D.).	N.c.	Woods.	S.r.	BB.
Ostrya Virginica, Willd. L.c.coll.fr.	N.f.	Meadows and moist places.	S.c.	BB.
Quercus alba, L. B.c.	N.c.	Everywhere except in swamps ^{very wet places}	S.c.	BB.c.
Quercus bicolor, Willd. B.r.	N.f.	Wet ground.	S.o.	BB.c.
Quercus coccinea, Wang. B.r.	N.f.	Dry slopes and fields.	S.f.	BB.c.
Quercus coccinea, Wang. var. tinctoria, Gray. B.o.	N.f.	Woods.	S.f.coll.lf.	BB.f.
Quercus ilicifolia, Wang. B.c.coll.fl.	N.c.	Open woods and slopes. ^{hill tops}	S.c.	BB.c.
Quercus Mushlenbergii, Engelm. B.r. (Herb. G.M.).	N.	Woods.	S.	BB.
Quercus prinoides, Willd. B.c.coll.fr.	N.c.	Hilltops and slopes.	S.	BB.

94 The M. specimen is reported by Mr. D. as
being outside line of reservation, hence?, a recent
taking may have included it.

95 Presumably this, leaves were coll. in 5

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

104. Salicaceae.

Populus balsamifera, L. var. canadensis, Gray.			Moist and wet grounds	
B.v. coll.	M.r.	S.		BB.
Populus grandidentata, Michx.		Sprout land,		
B.f.	M.r.	S.f.		BB.
Populus tremuloides, Michx.		Sprout land.		
B.c.	M.f.	S.		BB.
Salix alba, L.	Meadows and shores.			
B.o.	M.o.	S.o.		BB.o.
Salix cordata, Muhl.		Wet ground.		
B.f. (Herb. JRC).	M.o.	S.		BB.
Salix cordata x sericea, (Pide S. Bebb)		S.		BB.
B.r. (Herb. JRC).	M.			
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.o. (Herb. JRC).	M.o.	S.		BB.
Salix myrtilloides, L.	Meadows.			
B.	M.o.	S.		BB.
Salix nigra, Marsh.	Bogs, meadows and swamps.			
B.	M.	S.r. coll. lf.		BB.
Salix petiolaris, Smith.	Meadows, edges woods.			
B.	M.o. 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.o.	S.r. coll. fr.		BB.
Salix nigra, Marsh. var. falcata, Torr.		Bogs.		
B.r. coll. lf.	M.	S.		BB.

94-5 This is planted at all houses in the village and it is
used to make wine in the plant was found 270 high
a very nice green house, which had many apples of
blackish color.

an old tree is near the house at the

107. Coniferae.

Chamaecyparis sphaerocarpa, Spach. B.o. (Herb.WD). <u>N.f.</u>	Swamps. S.	BB.
Juniperus communis, L. B.o. (Herb.GGK). <u>N.o.</u>	Open pastures and ledges, S.o.	BB.c.
Juniperus Virginiana, L. B.c. (Herb.JRC). <u>N.c.</u>	Ledges, hilltops and pastures. S.c.	BB.c. (Herb.WD)
Picea nigra, Link. B.r. <u>old garden</u> <u>N.</u>	Planted S.	BB.
Picea excelsior, Lk. B.o. <u>house site</u> <u>N.o.</u>	Planted S.	BB.r.
Pinus rigida, Mill. B.f. <u>N.f.</u>	Hilltops and slopes. S.f.	BB.f.
Pinus Strobus, L. B.c. (Herb.JRC). <u>N.f.</u>	Moist and wet places S.c.	BB.o.
Pinus sylvestris, L. B. <u>N.</u>	Planted S.	BB.r. <u>house site</u>
Tsuga Canadensis, Carr. B.f. <u>N.f.</u>	Rocky wood d slopes and moist S.	valleys. BB.

108. Hydrocharitaceae.

7 Elodea Canadensis, Michx. B.o. coll. <u>N.f. coll.</u>	Shallow waters. S, f. coll.	BB.
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110. Orchidaceae.

Archuse bulbosa, L. B.r. <u>N.</u>	<u>Swamps. Wet grassy land</u> S.	BB.
Calopogon pulchellus, H.Br. B.o. (Herb.JRC). <u>N.</u>	<u>Swamps. Wet grassy land</u> S.o.	BB.
Cerallorrhiza lanata, H.Br. B.r. (Herb.WD). <u>N.</u>	<u>Woods</u> S.	BB.
Cerallorrhiza multiflora, Nutt. B.c. coll. fr. <u>N.o. (Herb.MI).</u>	Rich woods. S.	BB.
Cerallorrhiza odonorrhiza, Nutt. B. <u>N. ? r.</u>	<u>Wet woods</u> S.r.	BB.
Cypripedium acaule, Ait. B.c. coll. fr. <u>N.f.</u>	<u>Open Woods.</u> S.	BB.

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Goodyera pubescens, R.Br.	Woods.		
B.c. coll. lf.		S.	BB-
Goodyera repens, R.Br.	Rich woods.		
B.r. coll. lf.		S.	BB.
Habenaria blaphariglossas, Torr.			
B.r. coll. fl.		S.	BB.
	Wet grassy places		
Habenaria limbricata, R.Br.	Swamps and moist woods.		
B.r. coll. fr.		S.	BB.
Habenaria Hookerii, Torr.			
B.r.		S.	BB.
	Dry woods		
Habenaria lacera, R.Br.	Meadows.		
B.v.		S.	BB.
	Wet or moist grassy places		
Habenaria psycodes, Gray.	Meadows and swamps.		
B.r. coll. fl.		S.	BB.
Habenaria tridentata, Hook.			
B.r. coll. fr.		S.	BB.
	Wet ground, woods or grassy places		
Habenaria virgescens, Spreng.			
B.r. (Herb. GSK).		S.	BB.
	Wet grassy places		
Liparis liliifolia, Rich.			
B.r. (Herb. JAC).		S.	BB.
Microstylis ophioglossoides, Nutt.			
L.r.		S.	BB.
Pogonia ophioglossoides, Nutt.			
B.f. (Herb. JAC).		S.	BB.
	Low ground. Wet grassy places		
Pogonia verticillata, Nutt.	Woods.		
B.f. coll. lf.		S.	BB.
Spiranthes cernua, Rich.	Meadows.		
B.c. coll. fl.		S.	BB.
	B.c. coll. fl.		
Spiranthes gracilis, Bigel.	Dry fields.		
B.f. coll. fl.		S.	BB.
	M.f. coll. fl.		
Spiranthes procox, Watson.			
B.r. (Herb. GSK).		S.	BB.
	M.G.		

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is not likely to persist unless cultivated in its present position

is not my authority, in the case, was the statement of another

Richard [unclear]

II3. Iridaceae.

Iris Germanica, L.		Planted.		
B.r. <i>old garden</i>	M.		S.	BB.
Iris prismatica, Parsh.				
B.r. coll. fr.	M.		S.	BB.
Iris versicolor, L.		Meadows.		
B.e. coll.	M.e.		S.	BB. c. coll. fl.
				<i>Not grassy places or bogs</i>
Sisyrinchium anceps, Cav.		Moist ground.		
B.e. (Herb. WD).	M.e. coll.		S.	BB. f. coll. fr.
Sisyrinchium angustifolium, Mill.				
B.e. (Herb. GGK).	M.e.	Meadows.	S. f.	BB. c. coll. fl.

II4. Amaryllidaceae.

Hypoxis erecta, L.		Dry <i>dry</i> open woods and fields.		
B.e. coll. fl.	M.e.		S. c	BB. c. coll. fl.

II6. Liliaceae.

Allium Canadense, Kalm.		Pastures.		
B.	M. o. coll.		S.	BB. c. coll.
Asparagus officinalis, L.		Fields and roadsides.		
B. v.	M. o.		S.	BB. o.
Convallaria majalis, L.		Planted.		
B. r. <i>old garden</i>	M.		S.	BB.
Convallaria majalis, L. var. fl. roseo, hort.				
B. r. <i>old garden</i>	M.		S.	BB.
Erythronium Americanum, Ker.		Moist woods.		
B. r.	M. o.		S.	BB. o. coll. lf.
Funkia lanceifolia, Spr.		Planted.		
B. r. <i>old garden</i>	M.		S.	BB.
Hemerocallis fulva, L.		Planted.		
B. r. <i>old garden</i>	M.		S.	BB.
Lilium Canadense, L.		Meadows.		
B. r. (Herb. JRC).	M. o.		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. <i>old garden</i>	M.		S.	BB.

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Majanthemum Canadense, Desf. B.c. (Herb. JRC). M.c.	Woods.	S.c.	BB.c. coll. fl.
Medeola Virginica, L. B.f. (Herb. JRC). M.c.	Damp woods.	S.c.	BB.
Oakesia sessilifolia, Wats. B.c. M.c.	Open woods.	S.	BB.
Ornithogalum umbellatum, L. B.r. <i>old garden</i> M.	Planted.	S.	BB.
Polygonatum biflorum, Ell. B.c. coll. M.f. (Herb. MI).	Damp rocky woods.	S.	BB.
Smilacina racemosa, Desf. B.c. coll. fr. M.c. (Herb. MI).	Rocky wood and hillsides.	S.c.	BB.c. coll. fl.
Smilax herbacea, L. B.c. (Herb. JRC). M.f.	Damp borders of woods swamps	S.	BB.
Smilax rotundifolia, L. B.c. (Herb. ND). M.f. (Herb. MI).	Open swamps and dry slopes.	S.f.	BB.c. coll. fl.
Trillium aconitum, L. B.c. coll. M.f.	Moist woods swamps	S.	BB.
Uvularia perfoliata, L. B. M.r. (Herb. MI).		S.	BB.
Veratrum viride, Ait. B. M.c.	Swampy meadows swamps	S.	BB.c. coll. fl.
Yucca filamentosa, L. B.r. <i>old garden</i> M.	Planted	S.	BB.

II7. Plantaginaceae.

Plantago cordata, L. B.c. M.c.	Shallow water.	S.c.	BB.c.
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II8. Xyridaceae.

Xyris Caroliniana, Walt. B ? r. coll. M.		S.	BB.
Xyris flexuosa, Muhl. B.r. coll. fr. M.	Sandy shores.	S.r. coll. fr.	BB.
Xyris flexuosa, Muhl. var. pusilla, Gray. B.r. (Herb. EFW). M.	Sandy shores.	S.	BB.

121. Juncaceae.

<i>Juncus acuminatus</i> , Michx. B. c. (Herb. JRC).	M.	S.	BB.
<i>Juncus acuminatus</i> , Michx. var. <i>legitimus</i> , Engelm. B.	M. c. coll.	S.	Swamps. BB. f. coll.
<i>Juncus articulatus</i> , L. B. f. coll.	M. c. coll.	S.	Meadows. BB.
<i>Juncus bufonius</i> , L. B. c. c. ll.	M.	S.	Meadows. BB.
<i>Juncus Canadensis</i> , J. Gay. var. <i>coarctatus</i> , Engelm. B. c. coll.	M. c. coll.	S.	Meadows. BB.
<i>Juncus Canadensis</i> , J. Gay. var. <i>longicaudatus</i> , Engelm. B.	M. c. coll.	SS.	Swamps. BB.
<i>Juncus Canadensis</i> , J. Gay. var. <i>suberudatus</i> , Engelm. (?) B. c. coll.	M.	S.	Damp woods. BB.
<i>Juncus effusus</i> , L. B. c. (Herb. JRC).	M.	S.	Meadow and swamps. BB. f. coll.
<i>Juncus Greenii</i> , Oakes & Tuck. B. c. (Herb. JRC).	M.	S.	BB.
<i>Juncus marginatus</i> , Rostk. B. c. c. ll.	M. c. coll.	S.	BB. c. coll.
<i>Juncus pilocarpus</i> , E. Meyer. B. r. (Herb. EPW).	B.	S.	Swamps. BB.
<i>Juncus tenuis</i> , Willd. B. f. c. ll.	M. c. coll.	S.	Dry and ledgey soil. BB. c. coll.
<i>Luzula campestris</i> , DC. B. c. (Herb. GGK).	M. c. coll.	S. c.	Swampy borders of woods. BB. c. coll. fr.

122. Typhaceae.

<i>Sparganium simplex</i> , Huds. B. f. coll.	M. f. coll.	S.	Bogs and ditches. BB.
<i>Sparganium simplex</i> , Huds. var. <i>androscladum</i> , Engelm. B. r.	M.	S.	Shores. BB.
<i>Sparganium simplex</i> , Huds. var. <i>angustifolium</i> , Engelm. B. r. coll.	M.	S.	Bogs. BB.
<i>Typha angustifolia</i> , L. B. r. coll. fr.	M.	S.	Bogs. BB.
<i>Typha latifolia</i> , L. B. f. (Herb. JRC).	M. c.	S. c.	Bogs and shores. BB. c.

123. Araceae.

Acorus Calamus, L.		Swamps.		
B.	M.c.		S.	BB. coll.
Arisaema triphyllum, Torr.		Bogs Wet woods & thickets		
B.o. coll. fr.	M.f.		S.	B.o. coll. fl.
Calla palustris, L.		Swamps.		
B.r. coll. fr. lf.	M.r.		S.	BB.
Peltandra undulata, R. f. f.		Swamps.		
B.f. coll. fr. lf.	M.		S.	BB.
Symplocarpus foetidus, Salisb.			Wet places.	
D.c. (Herb. GGK).	M.c.		S.c.	BB.c. (Herb. WD)

124. 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.

125. Alismaceae.

Alisma Plantago, L.		Edge of water edge ^{marsh}		
B.c. coll.	M.o.		S.c.	BB.
Sagittaria graminea, Michx.		Shores.		
D.	M.r. coll. fl.		S.	BB.
Sagittaria variabilis, Engelm.		Bogs and shallow water.		
B.f. coll. fr.	M.f.		S.f.	BB.f.
Sagittaria variabilis, Engelm. var. angustifolia, Engelm.				
B.c. coll.	M.		S.	BB.
Sagittaria variabilis, Engelm. var. obtusa, Engelm.				
B.o. coll. fr.	M.		S.	BB.

126. 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 Vasayi, Robbins.			Ponds.
B.	M. r. (Herb. MI).	S.	BB.

127. Eriocaulaceae.

Eriocaulon septangulare, With.			<i>Shallow water</i> Shores of ponds.
B. o. coll.	M. o.	S. o.	BB.

128. 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. o. 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.	S.	BB. c. coll.
Carex debilis, Michx. var. Fudgei, Bailey.			
B. o.	M. o. coll.	S.	BB. c. coll.

<i>Carex digitalis</i> , Willd. B.o. (Herb. GJK). M.	S.	25.
<i>Carex filiformis</i> , L. var. <i>latifolia</i> , Boeckl. B. M.	S.	B.o. coll.
<i>Carex flava</i> , L. var. <i>graminis</i> , Bailey. B. M.o.	S.	25.
<i>Carex foenea</i> , Willd. B.r. coll. M.	S.	25 ? Coll.
<i>Carex folliculata</i> , L. Swamps. B.o. coll. M.	S.	25.
<i>Carex gracillima</i> , Schw. B. M.o. (Herb. JRC).	S.	25.o.
<i>Carex interior</i> , var. <i>capillacea</i> , Bailey. B. recoll. M.	S.	(fid. Dr. C.W. Swan) 25.
<i>Carex intumescens</i> , Rudge. B.o. coll. M.	S.	25.
<i>Carex laxiculmis</i> , Schwan. M. coll.	S.	25. coll.
<i>Carex laxiflora</i> , Lam. var. <i>latifolia</i> , Nutt. B.r. M.	S.	25.
<i>Carex laxiflora</i> , Lam. var. <i>petalifolia</i> , Carey. B.f. (Herb. JRC). M.o. coll.	S.	25.
<i>Carex laxiflora</i> , Lam. var. <i>varians</i> , Bailey. B. M.	S.	25.r.
<i>Carex laxiflora</i> , Lam. var. <i>serotula</i> , Carey. M.o. coll.	S.	25.o. coll.
<i>Carex lupulina</i> , Muhl. Shady. B.o. coll. M.o. coll.	S.	25.
<i>Carex lurida</i> , Wahl. Shady slopes. B.o. coll. M.o. coll.	S.	25.o. coll.
<i>Carex Muhlbergii</i> , Schk. B.r. (Herb. JRC). M.	S.	25.
<i>Carex muricata</i> , L. Low ground. B. M.r. coll.	S.	25.r. coll.
<i>Carex pallidescens</i> , L. B.f. (Herb. GJK). M.f. coll.	S.	25.f. coll.
<i>Carex panicea</i> , L. B. M.	S.	25.

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. f.f. coll.	S.	BB.
Carex rigida, Gooden. var. Goodenovii, Bailey. B.r. (Herb. GGK). M.	S.	S.
Carex rigida, Gooden. var. strictiformis, Bailey. B.r. (Herb. GGK). M.	S.	BB.
Carex rosea, Senk. B.c. (Herb. WD). M.c. coll.	S.	BB.
Carex rosea, Senk. var. radiata, Desv. B.o. (Herb. J.C). M.o. coll.	S.	BB.
Carex scabrata, Schk. Moist places. B.o. coll. M.	S.	BB.
Carex scoparia, Schk. B.r. coll. M.	S.	BB.
Carex sparganioides, Muhl. B.o. (Herb. J.C). M.o. (Herb. J.C).	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.o. coll.
Carex straminea, Willd. Dry soil. B.o. M.o. coll.	S.	BB.
Carex straminea, Willd. var. aperta, Desv. B.r. (Herb. GGK). M.	S.	BB.
Carex straminea, Willd. var. mirabilis, Tuck. B.c. (Herb. WD). M.	S.	Bg.o. coll.
Carex stricta, Lam. B. M.	S.	BB.c. coll.
Carex stricta, Lam. var. decora, Bailey. B. M.	S.	Moist ground. BB.o. (Herb. WD)
Carex tribuloides, Wahi. B.o. (Herb. GGK). M.	S.	BB.o. coll.

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

<i>Eriophorum Virginicum</i> , L. B.f.coll. M.f.	S.f.coll.	BB.
<i>Fimbristylis autumnalis</i> , Roem. & Schult. B.o.coll. M.	S.	Wet ground. BB.
<i>Fimbristylis capillaris</i> , Gray. B.f.coll. M.	S.	BB.
<i>Rhynchospora alba</i> , Vahl. B.r. M.	S.	BB.
<i>Rhynchospora fusca</i> , Roem. & Schult. B.r. (Herb. JFC) M.	S.	Meadows. BB.
<i>Rhynchospora glomerata</i> , Vahl. B.o.coll. M.	S.	Moist places. BB.
<i>Scirpus planifolius</i> , Muhl. Dry woods. B.f. (Herb. GGH) M.	S.	BB.
<i>Scirpus sylvaticus</i> , L. B. B.o.coll.	S.	BB.
127. Gramineae.		
<i>Agropyrum caninum</i> , Roem. & Schult. B. B.o.coll.	e	BB.
<i>Agrostis alba</i> , L. var. <i>vulgaris</i> , Turb. B.o. M.o.	S.	Moist ground. BB.o.coll.
<i>Agrostis alba</i> L. var. <i>vulgaris</i> , Turb. forma <i>aristata</i> , (fide Dr. Swan). B. M.r.coll.	S.	BB.
<i>Agrostis perennans</i> , Tuck. Deep rocky woods. B.o. coll. 1. B.o. coll.	S.f.coll.	BB.
<i>Alopecurus geniculatus</i> , L. Swamps. B. B.o. coll.	S.	BB.
<i>Alopecurus pratensis</i> , L. Open fields. B. M.	S.	BB.f.coll.
<i>Andropogon furcatus</i> , Muhl. B.c. (Herb. GGH) M.	S.	BB.
<i>Andropogon scoparius</i> , Michx. Hills and poor fields. B.f. coll. M.o.M.o. (Herb. MI).	S.	BB.
<i>Andropogon Virginicus</i> , L. B.r. (Herb. JFC) M.	S.	BB.
<i>Anthoxanthum odoratum</i> , L. Roadsides and fields. B.c. coll. M.c. coll.	S.	BB.c.coll.
<i>Aristida dichotoma</i> , Michx. Poor open fields and roads. B.r. coll. M.o. coll.	S.	BB.

Aristida gracilis, Ell.			
B.r.coll.	M.	S.	BB.
Asprella Hystrix, Willd.		Rocky woods.	
B.o. (Herb.JRC).	M.o.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.o.coll.	S.	BB.
Bromus secalinus, L.			
B.	M.r.coll.	S.	BB.
Calamagrostis Nuttalliana, Steud.			
B.r.coll.	M.	S.	
Chrysopogon nutans, Benth.			
B.r.	M.	S.	BB.
Cinna arundinacea, L.		Swamps and wet woods	
B.o.coll.	H.	S.	BB.
Dactylis glomerata, L.			
B.c.	M.c.	S.	BB.c.coll.
Danthonia compressa, Austin.		Dry woods.	
B.o.coll.	M.o.coll.	S.	BB.
Danthonia spicata, Beauv.		Dry woods.	
B.c.coll.	M.f. (Herb.MI).	S.	BB.
Deschampsia flexuosa, Trin.			
B.c. (Herb.GK).	M.	S.	BB.
Eatonia Dudleyi, Vasey,		(fide Dr.Swan).	
B.	B.r.coll.	S.	BB.
Elymus Canadensis, L.			
B.o. (Herb.JRC).	M.o.	S.	BB.
Elymus striatus, Willd.			
B.o. (Herb.JRC).	M.	S.	BB.
Eragrostis capillaris, Nees.		Ledges.	
B.r. (Herb.JRC).	H.	S.	BB.
Eragrostis pectinacea, Gray.			
B.o. (Herb.JRC).	M.	S.	BB.
Eulalia Japonica variegata, hort.		(Miscanthus Sinensis, Anders)	Planted
B.r. <i>old garden</i>	M.	S.	BB.

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

<i>Panicum capillare</i> , L. B.			S.	BB.r.coll.
<i>Panicum clandestinum</i> , L. B.o. (Herb.GGK).	M.		S.	BB.
<i>Panicum comutatum</i> , Schultes. B.	M.r.coll.	Dry woods.	S.	BB.
<i>Panicum Crus-Galli</i> , L. B.o.coll.	H.	Roadsides and housesites.	S.	BB.
<i>Panicum depauperatum</i> , Muhl. B.c.coll.	M.c.coll.	Hilltops.	S.	BB.
<i>Panicum dichotomum</i> , L. B.c.coll.	M.c.coll.	Woods and fields.	S.	BB.c.coll.
<i>Panicum dichotomum</i> , L. var. <i>viride</i> , Vasey. B.	L.c.coll.	Rocky woods.	S.	BB.
<i>Panicum glabrum</i> , Gaudin. B.o.	H.	Roadsides.	S.	BB.
<i>Panicum latifolium</i> , L. B.c.coll.	M.c.coll.	Woods.	S.	B ^c .
<i>Panicum laxiflorum</i> , Lam. B.o.	M.o.	Roadsides.	S.	BB.
<i>Panicum nitidum</i> , Michx. B.o.coll.	L.c.		S.	BB.
<i>Panicum sanguinale</i> , L. B.f.coll.	M.c.	Roadsides and fields.	S.	BB.
<i>Panicum scoparium</i> , Lam. B.c.coll.	M.c.coll.		S.	BB.
<i>Panicum sphaerocarpon</i> , Ell. B.	M.c.coll.	Shores.	S.	BB.
<i>Paspalum setaceum</i> , Michx. B.c. (Herb.EFW).	H.	Meadows.	S.	BB.o.coll.
<i>Phleum pratense</i> , L. B.c.	H.	Roadsides and fields.	S.	BB.
<i>Poa annua</i> , L. B.f.	M.f.	Roads and fields.	S.	BB.f.coll.
<i>Poa compressa</i> , L. B.f. (Herb.JMC).	M.f.coll.	Dry woods.	S.	BB.f.coll.
<i>Poa pratensis</i> , L. B.f.coll.	M.c.coll.	Dry woods and roadsides, <i>large fields</i>	S.	BB.f.coll.

Poa serotina, Ehrh.	Wet places.		
B.	M.c.coll.	S.	BB.
Setaria glauca, Beauv.	Near roadsides.		
B.o.coll.	M.	S.	BB.
Setaria viridis, Beauv.	Roadsides.		
B.o.coll.	M.c.coll.	S.	BB.
Sporobolus serotinus, Gray.	Meadows.		
B.o.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. Y	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.o.	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.o.coll.	M.o.	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.

95 Mr. Penn of Baltimore visited the locality in N and called attention to its impending destruction by workmen. He was directed to call their attention to importance of preserving locality & this their was done and the plants saved.

<i>Aspidium marginale</i> , Swartz.	Ledges.		
B.f.coll.	M.c.	S.c.	BB.c.
<i>Aspidium Noveboracense</i> , Swartz.	Woods.		
B.c.	M.c.coll.	S.c.	BB.
<i>Aspidium simulatum</i> , Davenport.	Low moist woodlands.		
B.r.coll.	M.?	S.	BB.
<i>Aspidium spinulosum</i> , Swartz.	Swampy woodlands.		
B.f.	M.	S.	BB.
<i>Aspidium spinulosum</i> , Swartz. var. <i>dilatatum</i> , Hook.	Woodlands and swamp		
B.c.	M.c.	S.	BB.
<i>Aspidium spinulosum</i> , Swartz. var. <i>intermedium</i> , Eaton.			
B.	M.c.	S.	BB.
<i>Aspidium Thelypteris</i> , Swartz.	Swamps and woodland.		
B.c.coll.	M.f.	S.c.coll.	BB.c.
<i>Asplenium ebeneum</i> , Ait.	Ledges.		
B.f.coll.	M.f.coll.	S.	BB.
<i>Asplenium Filix-foemina</i> , Bernh.	Damp woods.		
B.c.coll.	M.c.coll.fr.	S.c.	BB.
<i>Asplenium thelypteroides</i> , Michx.	Woodland swamps.		
B.r.	M.r.	S.	BB.
<i>Asplenium Trichomanes</i> , L.	Rocky declivities.		
B.c. (Herb. JRC).	M.c.	S.	BB.
<i>Cystopteris fragilis</i> , Bernh.	Stony brooks and ledges.		
B.c.	M.c.coll.	S.	BB.
<i>Dicksonia pilosiuscula</i> , Willd.	Woodlands.		
B.c.coll.lf.	M.c.coll.lf.fr.	S.c.	BB.f.
<i>Oncoclea sensibilis</i> , L.	Woodland.		
B.c. (Herb. JRC).	M.c.	S.c.	BB.c.
<i>Osmunda cinnamomea</i> , L.	Low woodland.		
B.c.	M.c.	S.c.	BB.c.coll.fl.
<i>Osmunda Claytoniana</i> , L.	Low woodland.		
B.c. (Herb. JRC).	M.c.	S.c.	BB.
<i>Osmunda regalis</i> , L.	Low woodland.		
B.c.coll.	M.c.	S.c.	BB.f.
<i>Phegopteris Dryopteris</i> , Fée.	Woods.		
B.	M.r.	S.	BB.
<i>Phegopteris hexagonoptera</i> , Fée.	Woodland ravines.		
B.r.coll.	M.r.coll.	S.	BB.

I have met with both occasionally. I doubt if they
should be called C. in N. or B. probably a or f!

<i>Phegopteris polypodioides</i> , Fée.		Ravines.	
<u>B.r.coll.lf.</u>	<u>M.r.</u>	S.	BB.
<i>Polypodium vulgare</i> , L.		Ledges.	
<u>B.c.</u>	<u>M.c.</u>	<u>S.c.</u>	<u>BB.c.</u>
<i>Pteris aquilina</i> , L.		Woods.	
B.c.coll.	M.c.	S.c.	BB.c.
<i>Woodsia ilvensis</i> , R.Br.		Ledges.	
<u>B.r.coll.</u>	<u>M.f.</u>	S.	BB.
<i>Woodsia obtusa</i> , Torr.		Ledges.	
B.c.	M.r.coll.fr.	S.	BB.
<i>Woodwardia angustifolia</i> , Smith.		Low woodlands.	
<u>B.r.coll.</u>	M.	S.	BB.
<i>Woodwardia virginica</i> , Smith.		Woodland swamps.	
<u>B.c.coll.lf.</u>	<u>M.c.coll.fr.</u>	S.	BB.

132. Ophioglossaceae.

<i>Botrychium matricariaefolium</i> , R.Br.		Moist woods.	
B.r.	M.r.	S.	BB.
<i>Botrychium ternatum</i> , Swartz.		Low land and borders of woods and hillsides.	
B.o.	M.r.	S.	BB.
<i>Botrychium ternatum</i> , Swartz. var. <i>dissectum</i> , Milde.		Borders of woods.	
B.c. (Herb. JRC).	M.c.	S.	BB.
<i>Botrychium ternatum</i> , Swartz. var. <i>obliquum</i> , Milde.		Low land; hillsides.	
B.c.	M.c.	S.	BB.
<i>Botrychium virginianum</i> , Swartz.			
B.r.	M.r.coll.lf.	S.	BB.r.coll.lf.

133. Lycopodiaceae.

<i>Lycopodium clavatum</i> , L.		Woods.	
B.o.coll.lf.	M.	S.	BB.
<i>Lycopodium complanatum</i> , L.		Dry woodland.	
B.o.coll.	M.o.	S.	BB.
<i>Lycopodium lucidulum</i> , Michx.		Wet woodland, in ephegnum	
B.r.coll.	M.	S.	BB.
<i>Lycopodium obscurum</i> , L. var. <i>dendroideum</i> , D.C. Eaton.		Dry woodlands.	
B.o.	M.c.	S.	BB.

Lycopodium inundatum
M.F.

134. 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; meadows.
S. | BB. |
| Selaginella rupestris, Spring.
B. f. (Herb. WD). | M. f. | Ledges.
S. | BB. |

BRYOPHYTES.

Musci.

Weisia viridula Bridel. 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. M.	S.c.	BB.
Dicranum fulvum, Hecker. B.c. M.	S.c.	BB.
Dicranum fuscescens, Turner. B.c. M.	S.c.	BB.
Dicranum scoparium, Hedwig. B.c. M.	S.c.	BB.
Dicranum Schrad.ii, W. b. & Mohr. B.c. M.	S.c.	BB.
Dicranum spurium, Hedwig. B.c. M.	S.r.	BB.
Dicranum undulatum, Schrad. B.c. M.	S.c.	BB.
Fissidens taxifolius, Hedwig. B. M.	S.c.	BB.
Fissidens esmundioides, Hedwig. B. M. (Herb.-M).		
Fissidens adiantoides, Hedwig. B. M.c.	S.o.	BB.
Comomitrium Julianum, Mont. B. M.	S.	BD.r.
Leucobryum vulgare, Harpe. B.c. M.	S.c.	BB.
Coratodon purpureus, Bridel. B.c. M.	S.c.	BL.
Pettia truncata, Fuern. B.c. M.	S.c.	BB.

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

<i>Pogonatum brevicaude</i> , Beauv.	B. c.	M.	S. c.	BB.
<i>Polytrichum Ohioense</i> , Ren. & Card.	B. c.	M.	S. c.	BB.
<i>Polytrichum piliferum</i> , Schreber.	B. c.	M.	S. c.	BB.
<i>Polytrichum juniperinum</i> , Willd.	B. c.	M.	S. c.	BB.
<i>Polytrichum commune</i> , L.	B. c. (Herb. ERW).	M.	S. c.	BB.
<i>Diphyscium foliosum</i> , Mohr.	B. c.	M.	S. c.	BB.
<i>Buxbaumia aphylla</i> , L.	B. c.	M.	S. c.	BB.
<i>Fontinalis antipyretica</i> , L. var. <i>gigantea</i> , Sull.	B.	M.	S. c.	BB.
<i>Fontinalis Lescurii</i> , Sull.	B.	M.	S. c.	BB.
<i>Fontinalis Novae-Angliae</i> , Sull.	B.	M.	S. c.	BB.
<i>Diclielyma pallescens</i> , Br. & Schimp.	B.	M.	S. c.	BB.
<i>Leucodon julaceus</i> , Sull.	B. c.	M.	S. c.	BB.
<i>Thelia hirtella</i> , Sull.	B. c.	M.	S. c.	BB.
<i>Thelia asprella</i> , Sull.	B. c.	M.	S. c.	BB.
<i>Leskea obscura</i> , Hedwig.	B. c.	M.	S. c.	BB.
<i>Anomodon rostratus</i> , Schimper.	B. c.	M.	S. c.	BB.
<i>Anomodon attenuatus</i> , Hueben.	B. c.	M.	S.	BB.
<i>Anomodon obtusifolius</i> , Br. & Schimp.	B.	M.	S. r.	BB.
<i>Pylaisia intricata</i> , Br. & Schimp.	B. c.	M.	S. c.	BB.
<i>Pylaisia velutina</i> , Br. & Schimp.	B.	M.	S. c.	BB.

<i>Cylindrothecium seductrix</i> , Sull.	B. c.	M.	S. c.	BB.
<i>Climacium Americanum</i> , Bridel.	B. c.	M.	S. c.	BB.
<i>Hypnum</i> (<i>Thuidium</i>) <i>recognitum</i> , Hedwig.	B. c.	M.	S. c.	BB.
<i>Hypnum</i> (<i>Thuidium</i>) <i>delicatulum</i> , L.	B. c.	M.	S. c.	BB.
<i>Hypnum</i> (<i>Elodium</i>) <i>paludosum</i> , Sull.	B.	M.	S. r.	BB.
<i>Hypnum</i> (<i>Brachythecium</i>) <i>laetum</i> , Bridel.	B.	M.	S. r.	BB.
<i>Hypnum</i> (<i>Brachythecium</i>) <i>salebrosum</i> , Hoffm.	B. c.	M.	S. c.	BB.
<i>Hypnum</i> (<i>Brachythecium</i>) <i>velutinum</i> , L.	B. c.	M.	S. c.	BB.
<i>Hypnum</i> (<i>Brachythecium</i>) <i>rutabulum</i> , L.	B. c.	M.	S. c.	BB.
<i>Hypnum</i> (<i>Brachythecium</i>) <i>Novae-Angliae</i> , Sull. & Lesq.	B. c.	M.	S. c.	BB.
<i>Hypnum</i> (<i>Brachythecium</i>) <i>populeum</i> , Hedwig.	B. c.	M.	S. c.	BB.
<i>Hypnum</i> (<i>Brachythecium</i>) <i>plumosum</i> , Swartz.	B. c.	M.	S. c.	BB.
<i>Hypnum</i> (<i>Eurhynchium</i>) <i>strigosum</i> , Hoffm.	B. c.	M.	S. c.	BB.
<i>Hypnum</i> (<i>Eurhynchium</i>) <i>Boscii</i> , Schwaegr.	B.	M.	S. r.	BB.
<i>Hypnum</i> (<i>Rhynchostegium</i>) <i>serrulatum</i> , Hedwig.	B. c.	M.	S. c.	BB.
<i>Hypnum</i> (<i>Rhynchostegium</i>) <i>rusciforme</i> , Weis.	B.	M.	S. r.	BB.
<i>Hypnum</i> (<i>Thamnium</i>) <i>Alleghaniense</i> , Mueller.	B.	M. o. (Herb. M.)	S. o.	BB.
<i>Hypnum</i> (<i>Amblystegium</i>) <i>radicale</i> , Beauv.	B.	M.	S. c.	BB.
<i>Hypnum</i> (<i>Amblystegium</i>) <i>adnatum</i> , Hedwig.	B.	M.	S. c.	BB.
<i>Hypnum</i> (<i>Amblystegium</i>) <i>riparium</i> , 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.	BB.
Hypnum (proper) curvifolium, Hedwig.	B.	M.	S. r.	BB.
Hypnum (proper) 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 (Hylocomium) 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.
Urbilicaria Dillenii, Tuck.		Moist edges.	
B.	M.f.	S.	BB.
Urbilicaria pustulata, (L.) Hoffm.			
B.	M.r.	S.	BB.