

Preliminary List of the Vascular Cryptogams
(Pteridophytes) found growing within the limits
of the Metropolitan Park Reservations, or known
to be growing therein from previous data.

The arrangement in Gray's Manual
(~~6th Ed.~~) is here adopted for convenience as
that is in general use among the botanists
and collectors of this section.

Attention is called to the desirability
of ^{making} special collections of the fern allies — The
Equisetums, Lycopodiums, selaginellas and Foetes
— during the season of 1895, in all of the
Reservations, as those plants have not as yet
received the attention which they ought to
receive, if the entire flora of the Reservations
is to be fully represented in our final Report.

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Equisetaceae. (Horsetail Family.)

Equisetum. L.

Equisetum arvense L. common Horsetail.

Blue Hills Reservation. Aug. 1894. W. H. Manning
Widdlesey Falls " " G. E. D.

Probably common enough in all
sections.

Hab. Dry woodlands ✓

Equisetum sylvaticum L.

Blue Hills R. - Sept. 94 - W. H. M.

Hab. Low woods ✓

Equisetum limosum L.

Spot-Pond, Falls R. W. P. Rich - 1894

Hab. Meadow ~~at~~ Pamps ✓

Filices (Ferns)

Polypodiaea.

Polypodium vulgare L. common on ledges.
Blue Hills, Manning; Fells, G.E.D.; Beaver
Brook, Manning - 1894.

Pteridaceae.

Adiantum pedatum L. becoming scarce.
Fells, G.E.D.; Blue Hills, Manning; 1894
Hab. among rocks in springy woodlands.
Pteris aquilina L. Common.
Blue Hills, Manning, 94; Fells G.E.D. 94.

Aspleniceae.

Woodwardia virginica (L.) Smith. not uncommon.
Blue Hills, W.H.M.; Fells, G.E.D.; 1894.
Hab. woodland swamps.

Woodwardia angustifolia Smith. scarce.
Blue Hills, W. H. M., 1894

low woodlands ✓

Asplenium Trichomanes L. occasional
Blue Hills, W. H. M.; Fells, G. E. D., 1894.

Hab. rocky declivities ✓

Asplenium ebeneum Ait. frequent.
Blue Hills, Horton, W. H. M.; Fells, G. E. D. - 94.

Hab. on ledges ✓

Asplenium Thelypteroides Hitchc. rare.
Middlesex Fells, F. M. M. Brandt.

Hab. woodland swamps, ✓

Asplenium Filix-femina (L.) Bernh. common.
Blue Hills, W. H. M.; Fells, G. E. D., 94

Aspidiaceae

Phegopteris polypodioides Fee - Not common
Blue Hills, W. H. M.; Fells, G. E. D., 94

Hab. ravines ✓

Phlegopteris hexagonoptera (Michx.) Fee - Scarce.

Blue Hills, W.H. Mo. 1894

Hab. woodland Ravines ✓

Aspidium Thelypteris (L.) Swartz. Common.

Fields, G. E. D.; Blue Hills, W.H. Mo., and others.

Hab. Swamps & Woodlands ✓

Aspidium simulatum, Davenport. - new species,

Not as yet well known, but may be frequent, as it is likely to be mistaken for either A. Thelypteris or Novboracense, and in exposed sunny places simulates a narrow form (var. angustum Eaton) of Asplenium Filix-femina with conduplicatae pinnae.

Hab: — Should be looked for in the shade of low moist woodlands.

Blue Hills, G. E. D., and others, Sept. 3, 1894.

Stoneham, probably in the Fields, by the late lamented E. H. Hitchings. ✓

~~Aspidium A~~

Aspidium Novboracense Swartz. Common

Fields, G. E. D. Blue Hills W.H. Mo.

Hab. woods everywhere ✓

Aspidium spinulosum, Swartz. swampy woodlands
Common.

- 1. — ~~+~~ Type, and forms approaching var. dilatatum as represented in Eastern Mass., in the Fells, and Blue Hills by W. H. M., G. E. D., and others...94

Hab. woodland swamps ✓

- 2. — var. intermedium, Eaton, Fells, G. E. D. 1894

Aspidium Bootii, Tuckerman. Not Common.
Middlesex Fells, G. E. D.

Hab. woodland swamps ✓

Aspidium cristatum (L.) Swartz. occasional.
Blue Hills, W. H. M.; Fells, G. E. D.

- β. var. blintonianum, Eaton. Rare.
Middlesex Fells, Oct. 1894, G. E. D.

Hab. Woodland swamps

Aspidium cristatum × marginale, Davenport

A new hybrid fern combining characters of both parents; see description in Botanical Gazette, Dec. 1894.

Found, as yet, within the Reservations, only
in the Middlesex Fells, Medford, by G. E. D.,
October 1894.

Hab. Swamps, near its parents - ✓
Aspidium marginale (L.) Swartz. Common. Sedges
Blue Hills, Fells, and no doubt
common in the other Reservations,
W. H. M., and others. ✓

Aspidium acrostichoides (Michx.) Swartz. ^{sooty woodlands,} frequent. ✓
Blue Hills, and Fells, W. H. M., G. E. D. ✓

Cystopteris fragilis (L.) Bernh. ^{stony brooks & Sedges} occasional ✓
Blue Hills, Fells, W. H. M., G. E. D. ✓

Onoclea sensibilis L. Common
Blue Hills, Fells, Beaver Brook
W. H. M., G. E. D.

Hab. woodland swamps ✓

Woodia obtusa (Spreng.) Torrey. ^{Sedges} Scarce, n.
Middlesex Fells, G. E. D. ✓

Woodia ploveris (L.) R Br. Sedges.
Blue Hills, Fells, W. H. M., G. E. D. ✓

Davalliaceae

Dicksonia pilosiuscula Willd. Common
Fells, G. E. D.; Blue Hills W. H. M.
Hab. woodlands everywhere ✓

Osmundaceae

Osmunda pezalis L. } ✓
" blaytoniana L. } ✓
" cinnamomea L. } ✓ Common. low woodlands
Blue Hills, W. H. M.; Fells, G. E. D.

Ophioglossaceae.

Botrychium lanceolatum, Angstrom. ~~near~~
~~Stoneham, Fells? S. S. Dame~~

Botrychium matricariaefolium A. Br.
Fells (Medford) F. W. Abbrandi, ~~Bear Hill~~
~~Mr. P. D. Richards~~

~~Botry~~

Botrychium ternatum, Swartz - ~~included~~

1. — type, including sub. var. intermedium
Eatm., The old Lunarioides of The Manuals,
— Fells, Mr. Richards, G. E. D.; Blue Hills, W. H. M.

2. — varieties obliquum and dissectum - common.
forms, Blue Hills, and Fells, Mr. Richards,
W. H. M., G. E. D., E. R. Horton

Hab. low lands borders of woods & hillsides ✓

Lycopodiaceae. (Clubmoss Family).

Lycopodium complanatum L. - Dry woodlands,
Fells, Blue Hills, W.H. M., G.E.D. ✓

Lycopodium obscurum L., Dry woodlands.
var. dendroideum Eaton ✓
(L. dendroideum Hitchc.) Blue Hills, W.H. M.,
sphagnum

Lycopodium lucidulum Hitchc. wet-woodlands, in
Blue Hills, W.H. M. ✓

Selaginellaceae

Selaginella rupestris Spring - Sedges
Fells, G.E.D. ✓

Havenport



Durieu

Isaetes echinocephala ~~Brann~~

Spot Pond, Falls, W.P. Rich 94

The following should be looked for as they are likely to found within the Reservations, having already been collected near by.

- Phegopteris Dryopteris Fee Springy places
- Onoclea Struthiopteris Hoffm. moist woods
- * Ophioglossum vulgatum, L. Boggy meadows
- Sympodium inundatum, L. cranberry grounds
- " clavatum, L. dry woodlands
- Selaginella apus, Spring. wet places, low woods
- Isaetes, different forms - about the borders of ponds.
- * Botrychium lanceolatum Agostini.

George E. Davenport. Feb - 95