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 Isoetes—during the season of 1895, on 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.
Equisetaceae. (Horsetail Family.)

Equisetum. L.

Equisetum arvense L.  comm. Horsetail.  
Blue Hills Reservoir - Aug. 1874. W. H. Manning 
Middlesex Fells  9. 62.  
Possibly comm. enough in all sectims. 

Hab. Dry woodlands.

Equisetum sylvaticum L.  
Blue Hills R.  Sept. 94.  W. H. M.

Hab. Can. woods

Equisetum limosum L.  

Hab. Meadows 

Expanses.
Filices (Ferns)

Polypodieae

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

Pteridieae

Adiantum pedatum L. becoming scarce.
Fells G.E.D.; Blue Hills, Manning, 1894
Hab. among rocks in spruce woodlands.

Pteris aquilinae L. common.
Blue Hills, Manning, 94; Fells G.E.D. 94.

Asplenieae

Woodwardia Virginica (L.) Smith not uncommon.
Hab. woodland swamps.
Woodwardia angustifolia  Smith.  Pearce.
Blue Hills, W. H. Me., 1894

Low woodlands

Asplenium Trichomanes L.  occasional

Hab.  Rocky declivities.

Asplenium ebeneum  Ait.  frequent

Hab.  on ledges.

Asplenium Thelypteroides  Hook.  rare
Middlesex Fells, A. W. M. Randi.

Hab.  Woodland  swamps.

Asplenium Filipifemina  (L.) Bernh.  common
Blue Hills, W. H. Me.; Fells, G. E. D., 1894

Aspidiaceae

Phegopteris polyfrondis  Fée – not commn
Blue Hills, W. H. Me.; Fells, G. E. D., 1894

Hab.  ravines.
Phegopteris hexagonoptera (Hick.) Fee - scarce.
Blue Hills, W.H. No. 1894

Hab. Woodland ravines.

Aspidium Thelypteris (L.) Swartz. Common.
Fells, S.E.D.; Blue Hills, W.H. No., and others.

Hab. Swamps & woodlands.

Aspidium dimidiatum, Davenport. - new species.
Not as yet well known, but may be frequent, as it is likely to be mistaken for either A. Thelypteris or Novebrocense, and in exposed sunny places simulates a narrow form (var. angustum Ewart) of Asplenium Filix-femina with Conduplicata gymnâé.

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

Blue Hills, S.E.D., and others, Sept. 3, 1894.
Stoneham, probably in the Fells, by the late lamented E.H. Hitchings.

Aspidium N

Aspidium Novebrocense Swartz. Common
Fells, S.E.D. Blue Hills W.H. No.

Hab. Woods everywhere.
Aspidium denticulatum, Swartz. Common.

1. — Type, and forms approaching var. dilatatum as represented in Eastern Mass., in the Fells, and Blue Hills by W. H. Mo., G. E. D., and others...94
   Hab. Woodland swamps

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

   Middlesex Fells, G. E. D.
   Hab. Woodland swamps

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

β. var. Clintoniannum, Eaton, Rare.
   Middlesex Fells, Oct. 1894, G. E. D.
   Hab. Woodland swamps

Aspidium cristatum × marginalae 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 Midlothian Fells, Woodford, by G. E. D.

October 1894.

Habitat: Swamps, near to parents. In edges.

Aspidium marginale (L.) Swartz. Common.

Blue Hills, Fells, and in doubt:
Common on the other reservations,
W. H. M., and others.

Aspidium acrostichoides (Hickey) Swartz. Frequent.

Blue Hills, and Fells, W. H. M., G. E. D.

Cystopteris fragilis (L.) Bernh. 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.

Habitat: Woodland swamps.
Woodia obtusa (Spreng.) Torrey. Scarce. Middlesex Fields, G. E. D.


Davallaeae


Hab. woodland, everywhere

Osmundacaeae

Osmunda regalis L. { Claytoniana L. { Common. Low woodlands

Ophioglossaceae

Botrychium lanceolatum, Angstrom, near Stoneham, Fells? E. L. Dame

Botrychium matricariifolium H. Br.
Fells (Medfield) & W. Norlandi, Bear Hill
Mrs. F. J. Richards.

Botrychium ternatum, Swartz — included

1. — Type, including sub var. intermedium.

Eaton, The Old Lunarioides of the Northeast.
— Fells, Mrs. Richards, G. E. W.; Blue Hills, W. H. N.

2. — Varieties obliquum and dissectum — common.

forms, Blue Hills, and Fells, Mrs. Richards,
W. H. N., G. E. W., E. R. Holm

Wah, low lands, borders of woods & hillsides.
Lycopodiaceae (Blublers Family).

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

*Lycopodium obscurum* L.,

*var. dendroides* Ehrh. - Dry woodland,

*var. dendroides* Ehrh. - Blue Hill, W.H. M., Sphagnetum

*Lycopodium lucidulum* Desf. - Wet woodland, in Blue Hills, W.H. M.

Selaginellaceae

*Selaginella rupestris* Spring - Edges
The following should be looked for as they are likely to found within the reservations, having already been collected near by.

Phegopteris Dryopteris Fée
Olivea hystrixpteriis Hoffm.
Ophioglossum Vulgatum, S.
Sphenophyllum inundatum, S.
clavatum, S.
Selaginella apus, Spring.
Fucites, different forms—about the borders of ponds.

V socket echinozona Parana
Spot Pond, Fells, W.P. Rich 94

George E. Davenport. Feb 95