

## LIST OF THE MOSSES OF CUYAHOGA AND OTHER COUNTIES OF NORTHERN OHIO.

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This list is the result of the author's moss-collecting excursions during the last eight years; it may, consequently, be expected to fairly represent the moss-flora of Cuyahoga county, as also the greater part of that of the surrounding counties. Many species were found many times in the same county, others but once in the same county or even in all the counties together, and while many may be new to the flora of the respective counties, several are new to the State, as, for instance, *Dicranella curvata*, *Hypnum ochraceum* and *Mnium Drummondii*. Although almost all the species could be and were collected in the fruiting condition, there were several that were never seen with sporophytes, as, for instance, *Eurynchium Boscii*, *Hylocomium splendens*, *Hypnum Schreberi* and *Myurella Careyana*. It may be added, that all the species enumerated below are represented in the author's herbarium, often in several or many packages from the same county, and that the list-names of the mosses are those accepted in Lesquereux & James' Manual and in Barnes' Keys.

[The letters following the species names stand for the counties, as follows: C—Cuyahoga; E—Erie; G—Geauga; L—Lake; M—Medina; O—Ottawa; P—Portage; S—Summit.]

### I. SPHAGNALES.

- Sphagnum cuspidatum* Ehrh., G.  
*cymbifolium* Ehrh., C., G., P., S.

### II. BRYALES.

#### I. CLEISTOCARPI.

- Ephemerum serratum* Hampe, C.  
*Pleuridium alternifolium* Brid., C.

#### 2. STEGOCARPI.

- a. *Acrocarpi*.  
*Atrichum angustatum* Br. & Sch., C.  
*undulatum* Beauv., C.

- Aulacomnium heterostichum* Br. & Sch., C., L., S.  
     *palustre* Schwaegr., C., G., L., P.  
*Barbula mucronifolia* Br. & Sch., C.  
     *ruralis* Hedw., E.  
     *unguiculata* Hedw., C., L.  
*Bartramia pomiformis* Hedw., C., L.  
*Bryum argenteum* L., C., L.  
     *bimum* Schreb., C., E., P.  
     *caespiticium* L., C., L.  
     *intermedium* Brid., C., O.  
     *roseum* Schreb., C., L., O., S.  
*Ceratodon purpureus* Brid., C., E., G., S.  
*Desmatodon arenaceus* Sull. & Lesq., C., L., O.  
*Dicranella curvata* Schimp., C.  
     *heteromalla* Schimp., C.  
     *rufescens* Schimp., C.  
     *varia* Schimp., C.  
*Dicranum flagellare* Hedw., C., L.  
     *fulvum* Hook., C., L.  
     *scoparium* Hedw., C., L.  
*Didymodon rubellus* Br. & Sch., C.  
*Diphyscium foliosum* Mohr, C.  
*Discelium nudum* Brid., C.  
*Ditrichum pallidum* (Hampe), C.  
     *tortile* (Schrad.), C.  
*Drummondia clavellata* Hook., C.  
*Fissidens adiantoides* Hedw., C., O.  
     *incurvus* Schwaegr., C.  
     *obtusifolius* Wils., C.  
     *subbasilaris* Hedw., C.  
     *tausifolius* Hedw., C., L., O.  
*Fontinalis antipyretica gigantea* Sull., C., E.  
*Funaria hygrometrica* Sibth., C., L., P.  
*Grimmia apocarpa* Hedw., C., O.  
*Gymnostomum calcareum* Nees & Hornsch, C.  
     *curvirostrum* Hedw., C., L.  
     *rupestre* Schwaegr., C.  
*Hedwigia ciliata* Ehrh., C., G., L., S.  
*Leptobryum pyriforme* Schimp., C., L., O., S.  
*Leucobryum glaucum* Schimp., C.  
*Mnium affine* Bland, C., L.  
     *cuspidatum* Hedw., C., P., S.  
     *Drummondii* Br. & Sch., C.  
     *punctatum* Hedw., C.  
     *rostratum* Schwaegr., C.  
     *serratum* Laich., C., L.

- Orthotrichum anomalum* Hedw., O.  
     *strangulatum* Beauv., C., G., M.  
*Philonotis fontana* Brid., C., G., L.  
*Physcomitrium immersum* Sull., C., G.  
     *turbinatum* Muell., C.  
*Pogonatum brevicaule* Beauv., C., L.  
*Polytrichum commune* L., C., G., L., P.  
     *juniperinum* Willd., C., P.  
     *ohioense* Ren. & Card., G., L., P., S.  
*Schistostega osmundacea* Web. & Mohr, G.  
*Tetraphis pellucida* Hedw., C., P., S.  
*Timmia megapolitana* Hedw., C., S.  
*Ulota crispa* Brid., C.  
     *Hutchinsiae* Schimp., C.  
*Webera albicans* Schimp., C.  
     *elongata* Schwaegr., L.  
     *nutans* Hedw., C., P., S.  
*Weisia viridula* Brid., C.  
     b. *Pleurocarpi*.  
*Amblystegium adnatum* Hedw., C.  
     *compactum* C. Muell., C., G.  
     *confervoides* (Br.) Br. & Sch., C.  
     *irriguum* (Wils.) Br. & Sch., C., S.  
     “ *spinifolium* Schimp., C.  
     *minutissimum* (S. & L.) Jaeg. & Sauerb., C.  
     *noterophilum* (Sull.) Holzinger, C.  
     *riparium* (Hedw.) Br. & Sch., C., P., S.  
     “ *fluitans* (L. & J.) R. & C., C.  
     *serpens* (Hedw.) Br. & Sch., C., L., M. P.  
     *varium* (Hedw.) Lindb., C., L., M., P.  
*Anacamptodon splachnoides* Brid., C.  
*Anomodon attenuatus* Hueben., C., M.  
     *obtusifolius* Br. & Sch., C.  
     *rostratus* Schimp., C., S.  
*Brachythecium acuminatum* Br. & Sch., C.  
     *laetum* Br. & Sch., C.  
     *plumosum* Br. & Sch., C.  
     *rutabulum* Br. & Sch., C.  
     *salebrosum* Br. & Sch., C., M.  
     *velutinum* Br. & Sch., C. M.  
*Climacium americanum* Brid., C., E., G., L., S.  
*Cylindrothecium cladorrhizans* Schimp., C., L., M., P.  
*Eurynchium Boscii* (Schwaegr.) Schimp., C.  
     *hians* (Hedw.) Br. & Sch., C., L.  
     *piliferum* (Schreb.) Br. & Sch., C., L.  
     *strigosum* (Hoffm.) Br. & Sch., C., E., L., S.

- Homalothecium subcapillatum Sull., C.  
 Hylocomium brevirostrum Br. & Sch., C., L.  
     splendens Br. & Sch., C.  
     triguetrum Br. & Sch., C.  
 Hypnum chrysophyllum Brid., C., O.  
     crista-castrensis L., C.  
     cupressiforme L., C., G., L., M.  
     "    uncinatum Br. & Sch., C.  
     curvifolium Hedw., C., G.  
     Haldanianum Grev., C., L.  
     hispidulum Brid., C., L.  
     imponens Hedw., C., P., S.  
     molluscum Hedw., C., L.  
     ochraceum Turn., C.  
     pratense Koch, C.  
     rugosum L., C., S.  
     Schreberi Willd., C., G., L.  
     uncinatum Hedw., C.  
 Leskea obscura Hedw., C.  
     polycarpa Ehrh., C., E., G.  
 Leucodon julaceus Sulliv., C., E., O.  
 Myurella Careyana Sulliv., C.  
 Neckera pennata Hedw., C.  
 Plagiothecium denticulatum Br. & Sch., C., L.  
     Sullivantiae Schimp., C., L., S.  
     sylvaticum Br. & Sch., C., G., L., P., S.  
 Platygyrium repens Br. & Sch., C., L.  
 Pylaisia intricata Br. & Sch., C., E., G., L.  
     velutina Br. & Sch., C.  
 Raphidostegium demissum (Wils.) —, C.  
     microcarpum (Muell.) —, C.  
 Rhynchostegium rusciforme Br. & Sch., C., G., S.  
     serrulatum (Hedw.) Schimp., C., L.  
 Thelia asprella Sulliv., C., E., L.  
     hirtella Sulliv., C., G.  
 Thuidium Blandovii Br. & Sch., G., L.  
     delicatum Br. & Sch., C.  
     microphyllum (Sw.) Best, C.  
     minutulum Br. & Sch., C., L.  
     paludosum (Sull.) Rau. & Herv., C., G., M., P.  
     recognitum Lindb., C., E., L., S.