

ILLINOIS MOSSES

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Two early collectors, John Wolf and Elihu Hall, published in 1878 a list of mosses based largely upon collections made in Fulton and Menard counties, listing 50 genera and 153 species.

In 1887, Frederick Brendel listed 87 mosses from the area covered by his "Flora Peoriana." For many years there was little interest shown in this group of plants. Recently, however, they have attracted some attention from ecologists.

As a beginning in the study of the Bryophytes of Illinois, the information that is available from herbariums and from literature has been assembled in this paper. Many of the mosses of the two early lists are not easily recognized today by the names then in use, so these mosses have been included in this list.

The Herbarium of the University of Illinois contains a number of collections, the two most extensive are those of Frederick Brendel and E. J. Hill. The former includes the Peoria mosses, and the latter the mosses collected from the counties of Indiana and Illinois which immediately border Lake Michigan. The collections altogether are far from being state-wide. Little work has been done in northwestern Illinois and still less in the southern half of the state with the exception of Randolph, Johnston, and Union counties. Amateur collectors would find many counties new and interesting fields for work.

The moss collections of Wolf and Hall are not at present available for study. The Wolf scientific collections were given to the High School of Canton, Illinois, and were never prepared for display or study. The Hall plant collection is in the Field Museum, but not yet incorporated in the Herbarium.

In the following list specimens designated as "U of I" are in the University Herbarium, as also are those designated as "Hill" except a very few which are in the Field Museum. Other mosses from the Field Museum are credited either to the collector or to the collection.

Synonymous names are in italics. Localities are indicated by names of counties, usually followed by names of towns.

The arrangement of families and genera follows that of the second edition of Engler and Prantl, but the names of the genera and species are, for the most part, those in use in Grout's "Mosses with a Handlens and Microscope" and in Vol. III, Part 1, of "Moss Flora of North America."

SOURCES

- 1878 A List of Mosses, Liverworts, and Lichens of Illinois, by John Wolf and Elihu Hall, Bulletin of the Illinois State Laboratory of Natural History, Vol. I, No. 2, pp. 18-24.
- 1880 Catalogue of North American Musci, arranged by Eugene A. Rau and A. B. Hervey.
- 1884 Manual of Mosses of North America, by Leo Lequereux and Thomas P. James.
- 1887 Flora Peoriana, by Frederick Brendel.
- 1920 Ecological Succession of Mosses, by Aravilla Meek Taylor, Bot. Gaz., Vol. 69, pp. 449-491.
- 1920 Appearance of Mosses in Ecological Habitats, by Aravilla Meek Taylor. The Bryologist, Vol. 23, pp. 81-84.

FISSIDENTALES

FISSIDENTACEAE

- Fissidens adiantoides* (L.) Hedw.
 Peoria: (Brendel)
 Fulton, Menard, Kane: (Wolf, Hall)
- Fissidens bryoides* (L.) Hedw.
 Cook: Glenwood (U of I)
 McHenry: Ringwood (Hill)
 Peoria: (Brendel)
 Fulton, Menard: (Wolf, Hall)
- Fissidens bryoides* var. *inconstans*
 Locality not mentioned (Hill)
 Capsules: October
- Fissidens cristatus* Wils.
Fissidens decipiens Denot.
 Cook: Deep River; Glenwood (Hill)
 Lake: Waukegan; Lake Bluff; Lake Forest (Hill)
 Carroll: (Taylor)
- Fissidens grandifrons* Brid.
 LaSalle: Deer Park; Starved Rock (Hill)

- Fissidens exiguus* Sull.
 Cook: Thornton (Hill)
 Will: Crete; Troy Twp. (Hill)
 Capsules: June, November
- Fissidens inconstans* Sch.
Fissidens synoicus Sull.
 Cook: Glenwood (Hill)
 Will: Lockport (Hill)
 Capsules: April, June
- Fissidens incurvus* Schwaegr.
 Carroll: Savanna (U of I)
 Capsules: July
- Fissidens incurvus* var. *minutulum* Aust.
Fissidens minutulum Sull.
 Cook: Lemont (Hill)
 Will: Mokena; Lockport (Hill)
 Carroll: Savanna (Hill)
 Kankakee: Kankakee (Hill)
 Peoria: Princeville (Hill)
 Fulton, Menard: (Wolf, Hall)
 Capsules: June, July, August, November
- Fissidens obtusifolius* Wils.
 Fulton: (Wolf) (U of I)
- Fissidens subbasilaris* Hedw.
 Lake: Lake Bluff (Hill)
 Marion: (U of I)
 Peoria: (Brendel)
 Fulton, Menard, McHenry: (Wolf, Hall)
 Capsules: November
- Fissidens taxifolius* (L.) Hedw.
Bryum taxifolius Hedw.
 Cook: Glencoe (Hill)
 Fulton: Canton (U of I)
 Peoria: (Brendel)
 Fulton, Menard: (Wolf, Hall)
- Octodiceras debilis* (Schwaeg.) n. c.
Conomitrium julianum Mont., *Fontinalis juliana* Savi.
 Cook: Thornton; Sag Bridge (Hill)
 Will: Troy Twp. (Hill)
 Fulton, Menard: (Wolf, Hall)
- Octodiceras hallianum* (S. and L.) J. and S.
Conomitrium hallianum S. and Lesq., *Fissidens hallianum* Mitt.
 Menard: (Wolf, Hall)

ARCHIDIACEAE

- Archidium ohioense* Sch.
 Menard: Athens (Hall) (Wolf, Hall)

BRYALES

DITRICACEAE

Pleuridium alternifolium (Dicks. Kaulf.) Raben.

Phascum alternifolium Brid.

- Cook: Chicago Heights (Hill)
 DuPage: Downer's Grove (Hill)
 Will: Lockport (Hill)
 Sangamon: Springfield (Bebb)
 Peoria: (Brendel)
 Fulton, Menard: (Wolf, Hall)

Pleuridium subulatum (L.) Rabenh.

Phascum subulatum Huds.

- Peoria: Princeville (U of I)

Ditrichum pallidum (Schreb.) Hampe

Leptotrichum pallidum Hampe, *Trichostomum pallidum* Hedw.

- Cook: Glencoe; Glenwood; Barrington; Berwyn (Hill)
 Lake: Highland Park (Hill)
 Champaign: Mahomet (U of I)
 Wabash: Mt. Carmel (U of I)
 Menard: Athens (U of I)
 Peoria: (Brendel)
 Fulton, Menard: (Wolf, Hall)

Ditrichum tortile (Schrad.) Hampe

Leptotrichum tortile Muell., *Trichostomum tortile* Schrad.

- Cook: Glenwood (Hill)
 Peoria: (Brendel)
 Fulton, Menard: (Wolf, Hall)

Ditrichum tortile var. *purillum* Hedw.

- Cook: Chicago Heights (U of I)

Ceratodon purpureus (L.) Brid.

- Cook: Englewood; Riverside; Grand Crossing (U of I)
 Will: Lockport (Hill)
 Lake: Lake Forest; Crystal Lake (Harper)
 Stark: Wady Petra (U of I)
 Champaign: Urbana (U of I)
 Henderson: Oquawka (U of I)
 Peoria: (Brendel)
 Fulton, Menard: (Wolf, Hall)

DICRANACEAE

Trematodon longicollis Rich.

- Union, Johnson: (Wolf, Hall)

Bruchia beyrichiana Hampe

- Locality not mentioned (Wolf, Hall) (Lesq. and J.)

Bruchia curviseta Lesq. and J.

- Stark: (U of I)

- Bruchia donnelli* Aust.
 Locality not mentioned (Hall)
- Bruchia flexuosa* Schwaeger.
 Fulton: (Wolf, Hall)
 Locality not mentioned (Rau and Hersey)
- Bruchia hallii* Aust.
 Fulton: (U of I)
- Bruchia sullivanii* Aust.
 Lake: Chicago Heights (U of I)
- Dicranella heteromalla* (L.) Sch.
- Dicranum heteromallum* Hedw.
 Cook: Beverly Hills; Glenwood; W. Pullman; Maywood (Hill)
 Ogle: Liberty Hill; Oregon (Hill)
 Peoria: (Brendel)
 Fulton, Menard: (Wolf, Hall)
- Dicranella rufescens* (Dicks.) Sch.
 Fulton; Menard (Wolf, Hall)
- Dicranella varia* (Hedw.) Sch.
- Dicranum varium* Hedw.
 Cook: Thatcher's Park; Glencoe (Hill)
 Will: Mokena (Hill)
 Lake: Lake Bluff; Lake Forest (Hill)
 Marion: (Bebb)
 Henderson: Oquawka (U of I)
 Peoria: (Brendel)
 Fulton, Menard: (Wolf, Hall)
- Dicranella varia* var. *tenella*
 Cook: Glenwood (Hill)
 Lake: Lake Bluff (Hill)
- Campylopus leanus* Sull.
 Fulton, Menard: (Wolf, Hall)
- Dicranum bonjeani* DeNot.
- Dicranum palustre* LaPyl
 McHenry: Wauconda (Hill)
 Locality not mentioned: (Wolf, Hall)
- Dicranum flagellare* Hedw.
 Cook: Niles; Glencoe (Hill)
 Fulton, Menard, Johnson: (Wolf, Hall)
- Dicranum scoparium* (L.) Hedw.
 Cook: (Taylor)
 Lake: Highland Park (Hill)
 Peoria: (Brendel)
 Fulton, Menard: (Wolf, Hall)
- Dicranum scoparium* var. *pallidum*
 Cook: Highland Park (Hill)
 Peoria: (U of I)
- Dicranum scoparium* var. *condensatum*
 Menard: (Wolf, Hall)

Dicranum undulatum Turner

- Lake: Lake Bluff (Hill)
 Fulton: (U of I)
 Fulton, Menard: (Wolf, Hall)

LEUCOBRYACEAE

Leucobryum albidum (Brid.) Lindb.*Leucobryum minus* Hampe; *Leucobryum glaucum* var. *minus* Hampe

- Fulton: (U of I)
 Johnson: (Wolf, Hall)

Leucobryum glaucum (L.) Sch.*Leucobryum vulgare* Hampe

- Cook: Glencoe (Hill)
 Union: (U of I)
 Peoria: Mossville (Brendel) (U of I)
 Fulton, Menard: (Wolf, Hall)

ENCALYPTACEAE

Encalypta ciliata (Hedw.) Hoffm.

- Will: Lockport (U of I)
 Ogle: (Wolf, Hall)

Encalypta procera Bruch.

- Will: (U of I)

POTTIACEAE (TORTULACEAE)

Astomum crispum (Hedw.) Hampe*Systegium crispum*

- Fulton: (Wolf, Hall)

Astomum nitidulum Sch.*Phascum nitidulum* Sch., *Systegium nitidulum* Jaegr.

- Cook: Riverside (Hill)
 Will: Mokena; Crete; Lockport (Hill)
 Fulton: (Wolf, Hall)

Astomum nitidulum var. *pygmaeum* Lesq.

- Cook: Riverside
 Will: Mokena (U of I)

Astomum sullivantii Sch.*Phascum sullivantii* Sull., *Systegium sullivantii* Jaegr.

- Will: Mokena; Crete (Hill)
 Fulton, Menard: (Wolf, Hall)

Weisia viridula (L.) Hedw.

- Champaign: Urbana (U of I)
 Will: Mokena (U of I)

Weisia viridula var. *gymnostomoides* Muell.

- LaSalle: Deer Park (U of I)

- Weisia wolffii* Lesq. and J.
 Fulton: Canton (Lesq. and J., Wolf)
- Gymnostomum calcarium* Nees and Hornsch.
 Cook: Lemont; Sag Bridge (Hill)
 Will: Lockport (Hill)
- Gymnostomum curvirostre* (Ehr.) Hedw.
- Hymenostylium curvirostre* (Ehr.) Lindb.,
 Cook: Lemont (Hill)
 Kankakee: Rock Creek (Hill)
 LaSalle: Deer Park (U of I)
- Capsules: August
- Gymnostomum rupestre* Swaegr.
 Cook: (Taylor)
 Fulton: (U of I)
- Tortella caespitosa* (Schwaegr.) Limpr.
- Barbula caespitosa* Schwaegr.
 Cook: near Colheur (Hill)
 Lake: Lake Forest (Hill)
 Fulton, Menard, S. Illinois: (Wolf, Hall) (U of I)
- Didymodon rubellus* (Hoffm.) B. and S.
 Cook: Sag Bridge (Hill)
 Fulton (Wolf, Hall)
- Didymodon tophaeus* (Brid.) Jur.
- Trichostomum tophaeum* Brid.
 Cook: Sag Bridge (Hill)
 Locality not mentioned (Wolf, Hall)
- Capsules: October
- Barbula fallax* Hedw.
- Barbula acuminata* Hedw.
 Cook: Glencoe (Hill)
 Lake: Lake Forest (Hill)
 LaSalle: Deer Park, Starved Rock (Hill)
 Fulton: (Wolf)
- Capsules: July
- Barbula rigida* Schultz
- Tortula stellata* Lindb.
 Menard (Wolf, Hall)
- Barbula subulata* Brid.
- Tortula subulata* Hedw.
 Locality not mentioned (Wolf, Hall)
- Barbula unguiculata* (Huds.) Hedw.
 Cook: Glenwood, Riverside, Lemont, LaGrange (Hill)
 Lake: Lockport (Hill)
 Henderson: Oquawka (U of I)
 Peoria: (Brendel)
 Menard (Wolf, Hall)
- Barbula unguiculata* var. *apiculata*
 Will: Joliet (Hill)
 Randolph: Bremen (Hill)

- Barbula vinealis* Braum
Menard: (Hall)
- Aloina ericaecolia* (Neck.) Lindb.
- Barbula ambigua* B. and S.
- Acaulon floerkeanum* Muell.
- Phascum floerkeanum* W. and M., *Microbryum floerkeanum* Sch.
Locality not mentioned (Lesq. and James, Hall)
- Acaulon muticum* Schreb.
- Sphaerangium muticum* Sch.
Fulton: (Wolf, Hall)
- Acaulon schimperianum* Sull.
- Phascum schimperianum* Sull., *Sphaerangium schimperianum* Lesq.
and J.
Menard: Athens (Lesq. and J.)
- Acaulon triquetrum* (Spruce) C. Muel.
- Sphaerangium triquetrum* Sch.
Menard: (Wolf, Hall)
- Acaulon wolffi* James
Fulton: (Wolf)
- Phascum cuspidatum* (Schreb.) Hedw.
Will: Mokena (Hill)
Sangamon: Springfield (Bebb)
Peoria: (Brendel)
Fulton, Menard: (Wolf, Hall)
- Desmatodon arenaceus* S. and L.
Cook: Sag Bridge (Hill)
- Desmatodon obtusifolius* Sch.
- Desmatodon flavicans* B. and S.
Ogle: Oregon (Hill)
Peoria: (Brendel)
Fulton: (Wolf, Hall)
- Capsules: July
- Desmatodon porteri* James
Cook: Sag Bridge (Hill)
Will: Lockport (Hill)
Kankakee: Altorf (Hill)
Fulton: Canton (U of I) (Wolf)
- Capsules: June, July, August
- Pterygoneurum subsessile* (Brid.) Jur.
- Pharomitrium subsessile* (Brid.) Sch.
- Pottia subsessile* B. and S.
Menard: (Wolf, Hall)
- Pterygoneurum exigium* Aust.
- Pharomitrium exigium* Aust.
- Pottia exigua* Aust.
Menard: (Wolf, Hall)
- Tortula mucronifolia* Schwaegr.
Lake: Lake Forest (Harper)

- Tortula papillosa* (Muell.) Wills.
Barbula papillosa Wils.
 Menard: (Hall)
Tortula rigida Schultz
Tortula stellata Lindb., *Barbula rigida* Hedw.
 Menard: (Hall)

GRIMMIACEAE

- Ptychomitrium drummondii* Sull.
Grimmia drummondii Hook and Wils.
 South Illinois (Wolf, Hall)
Grimmia apocarpa (L.) Hedw.
Schistidium aprocarpa B. and S.
 Cook: (Taylor)
 Carroll: (Taylor)
 Rock Island: Port Byron (Harper)
 Peoria: (U of I)
 Menard: (Wolf, Hall)
Grimmia conferta Funck
Schistidium confertum B. and S.
 Lake: Lake Zurich (Hill)
 Will: (Hill)
 Rock Island: Port Byron (Harper)
 Peoria: (Brendel)
 South Illinois (Wolf, Hall)
Grimmia conferta var. *obtusifolia* Sch.
 Cook: Barrington; Sag Bridge; Riverside (Hill)
 Will: Rock Run; Lockport; Joliet (Hill)
 Lake: Lake Zurich (Hill)
Grimmia ovata W. and M.
 South Illinois (Wolf, Hall)

DISCELIACEAE

- Discelium incarnata* Schwaegr
Discelium nudum Brid.
 Fulton: (Wolf, Hall) (Lesq. and J.)

EPHEMERACEAE

- Ephemerum cohaerens* (Hedw.) Hampe
Phascum cohaerens Hedw.
 Cook: Riverside (Hill)

Ephemerum crassinervium Schwaegr.

Phascum crassinervium Schwaegr.

Will: Mokena (U of I)

Fulton: (U of I)

Fulton, Menard: (Wolf, Hall)

FUNARIACEAE

Aphanorhegma serratum Sull.

Fulton, Menard (Wolf, Hall)

Capsules: July

Physcomitrella patens (Hedw.) B. and S.

Phascum patens Hedw.

Will: Mokena (Hill)

Physcomitrium acuminatum B. and S.

Gymnostomum acuminatum Schliech.

Cook: Lemont; Chicago Heights (Hill)

DuPage: Naperville (Hill)

Will: Lockport (Hill)

Locality not mentioned (Lesq. and J.)

Capsules: April, May, June

Physcomitrium immersum Sull.

Gymnostomum immersum Sull.

Cook: Niles; Beverly Hills (Hill)

Locality not mentioned (Wolf, Hall) (Rau and Hersey)

Physcomitrium pyriforme B. and S.

Gymnostomum pyriforme Hedw.

Cook: Lemont; Lyons (Hill)

Will: Lockport; Troy Twp. (Hill)

Kankakee: Kankakee (Hill)

Stark: Wady Petra (Hill)

Peoria: (Brendel)

Physcomitrium turbinatum Michx.

Phascum strangulatum Kindb.

Cook: Maywood; Calumet (Hill) (U of I)

Champaign: Mahomet (U of I)

Henderson: Oquawka (U of I)

Stark: Wady Petra (U of I)

Will: Joliet (Hill)

Peoria: (Brendel)

Capsules: May, June, July

Funaria americana Lindb.

Cook: Lemont (Hill)

Will: Lockport (Hill)

Capsules: April, May, August

Funaria flavicans Mx.

Stark: (U of I)

Menard: (Wolf, Hall)

Capsules: June

Funaria hygrometrica (L.) Sibth.Cook: Lemont; Jackson Park, Chicago; S. Chicago (Hill)
(Taylor)

Will: Joliet (Hill)

Henderson: Oquawka (U of I)

Stark: (U of I)

Champaign: Urbana (U of I)

Kankakee: Kankakee (U of I)

Peoria: (Brendel) (U of I)

Fulton, Menard: (Wolf, Hall)

Capsules: June

Funaria microstoma B. and S.

Menard: (Wolf, Hall)

Locality not mentioned (Lesq. and J.)

GEORGIACEAE

Georgia pellucida (L.) Hedw.*Tetraphis pellucida* Raben.

Cook: Glencoe (Hill)

Lake: Lake Forest (Hill)

Ogle: Oregon

Menard: (Wolf, Hall)

Capsules: May

BRYACEAE

Webera lescuriana (Sull.) Jaegr.*Bryum lescurianum* Sull.

Fulton: (U. of I.)

Webera nutans Hedw.*Pohlia nutans* Lindb.Cook: Englewood; Riverside; Thornton; Glenwood; Western
Springs; Willow Springs; Glencoe (Hill)

Lake:

McHenry: Wauconda (Hill)

Fulton, Menard: (Wolf, Hall)

Capsules: April, May, June

Mniobryum albicans (Wahlenb.) Limpr.*Mniobryum wahlenbergii* W. and M. *Bryum wahlenbergii* W. and M.

Cook: Glencoe (Hill)

Lake: Lake Forest; Lake Bluff (Hill)

Ogle: Oregon (Hill)

Fulton, Menard: (Wolf, Hall)

Leptobryum pyriforme (L.) Wils.*Bryum pyriforme* Hedw.

Rock Island: Port Byron (Harper)
 Locality not mentioned (Hall) (Vasey)

Bryum argenteum (L.) Hedw.

Cook: Lyons; Glencoe (Hill)
 Carroll: Savanna (Hill)
 Kankakee: Kankakee (Hill)
 Champaign: Urbana (U of I)
 Henderson: Oquawka (U of I)
 Peoria: (Brendel)
 Fulton, Menard: (Wolf, Hall)

Capsules: May, July, September, November

Bryum argenteum var. *lanatum*

Rock Island: Port Byron (Harper)

Bryum atropurpureum Wahl.

Fulton, Menard: (Wolf, Hall)

Bryum bimum Schreb.

Cook: Englewood; Wolf Lake (Hill)
 Will: Joliet (Hill)
 Peoria: (Brendel)
 Fulton, Menard: (Wolf, Hall)

Capsules: June

Bryum caespiticium L.

Cook: Englewood; Auburn Park; W. Pullman (Hill)
 Will: Lockport (Hill)
 Lake: Lake Forest; Lake Bluff (Hill)
 DuPage: Naperville (Hill)
 Henry: Geneseo (Harper)
 Rock Island: Port Byron (Harper)
 McHenry: Crystal Lake (Harper)
 Peoria: (Brendel)
 Fulton, Menard: (Wolf, Hall)

Capsules: March, April, May

Bryum cirratum Hoff. and Heinsh.

Cook: River Grove (Hill)
 Lake: North Chicago (Hill)

Capsules: May, November

Bryum intermedium Brid.

Cook: Western Springs; Lemont; Barrington (Hill) (U of I)
 Will: Lockport (Hill)
 LaSalle: Deer Park (Hill)
 DuPage: Naperville (Umbach)
 Kankakee: Kankakee (Hill)
 Stark: Wady Petra (U of I)
 Fulton, Menard: (Wolf, Hall)

Capsules: May, June, August

- Bryum obconicum* Hornch.
 Menard: (Wolf, Hall)
- Bryum pendulum* (Sch.) Hornsh.
Bryum cernuum Hedw.
 Cook: Lemont (Hill)
 Henry: Geneseo (Harper)
 Rock Island: Port Byron (Harper)
 Fulton, Menard: (Wolf, Hall)
- Bryum uliginosum* B. and S.
 Champaign: Mahomet (U of I)
 Peoria: (Brendel)
 Fulton: (Wolf, Hall)
- Capsules: July
- Rhodobryum roseum* (Weis.) Limpr.
Bryum roseum Schreb.
 Cook: Crete (Hill)
 McHenry: Ringwood (Vasey)
 Peoria: (Brendel)
 Fulton, Menard, Kane: (Wolf, Hall)

MNIACEAE

- Mnium affine* Bland.
 Cook: South Chicago (Hill)
 Champaign: (U of I)
 Kankakee: Kankakee (U of I)
 Peoria: (Brendel)
 Fulton, Menard: (Wolf, Hall)
- Capsules: May
- Mnium cuspidatum* Hedw.
 Cook: Englewood; Barrington; Glenwood; Beverly Hill;
 Evanston; Glencoe (Hill)
 Lake: Lake Forest; Lake Bluff (Hill)
 Kankakee: Kankakee (Hill)
 Champaign: Mahomet; Urbana (U of I)
 Woodford: Springbay (U of I)
 Henderson: Oquawka (U of I)
 Rock Island: Port Byron (Harper)
 Marion: (Bebb)
 Peoria: (Brendel)
 Fulton, Menard: (Wolf, Hall)
- Mnium marginatum* (Dicks.) P. Beau.
Mnium serratum Schrad.
 Lake: Lake Forest; Waukegan (Hill)
 Menard: (Wolf, Hall)
- Capsules: May, June
- Mnium medium* B. and S.
 Lake: Lake Forest; Waukegan (Hill)

- Mnium punctatum* (L.) Hedw.
 Menard: (Wolf, Hall)
- Mnium rostratum* (Schrad.) Schwaegr.
 Champaign: Mahomet (U of I)
 Lake: Waukegan (Hill)
 Rock Island: Port Byron (Harper)
- Capsules: May
- Mnium stellare* (Reich.) Hedw.
 Menard: (Wolf, Hall)

AULACOMNIACEAE

- Aulacomnium heterostichum* (Hedw.) B. and S.
 Lake: Waukegan; Lake Forest; Lake Bluff (Hill) (Harper)
 Ogle: Liberty Hill; Oregon (Hill) (Bebb)
 Champaign: Urbana (U of I)
 Marion: (Bebb)
 Hancock: Augusta (Meade)
 Peoria: (Brendel)
 Fulton, Menard: (Wolf, Hall)
- Aulacomnium palustre* Schwaegr.
 Cook: Thornton; W. Pullman; Willow Springs; Berwyn;
 (Hill) (Calkins)
 Lake: Wauconda (Hill)
- Capsules: May, June
- Aulacomnium palustre* var. *polycephalum* B. and S.
 Cook: Thornton (Hill)

MEESIACEAE

- Meesia longiseta* Hedw.
 Lake: Highland Park (Hill)

BARTRAMIACEAE

- Bartramia pomiformis* Hedw.
 Cook: Highland Park (Hill) (Taylor)
 Lake: Lake Forest; Lake Bluff
 Champaign: (U of I)
 LaSalle: Starved Rock (U of I)
 Henderson: Oquawka (U of I)
 Rock Island: Port Byron (Harper)
 Peoria: (Brendel)
 Fulton, Menard: (Wolf, Hall)
- Capsules: May
- Bartramia pomiformis* var. *crispa* Sch.
 Lake: (Hill)
- Capsules: May, July

Bartramia radicalis Beauv.

Menard: (Wolf, Hall)

Philonotis fontana (L.) Brid.

Bartramia fontana Brid.

Lake: Lake Bluff

Champaign: (U of I)

Schuyler: (Meade)

Menard: (Wolf, Hall)

Philonotis muhlenbergii (Schwaegr.) Brid.

Philonotis marchia Sull.

Lake: Lake Bluff (Hill)

Fulton: (Wolf, Hall)

TIMMIACEAE

Timmia megapolitana Hedw.

Cook: Glenwood; Lemont (U of I)

Lake: Lake Forest (U of I)

Winnabago: (U of I)

Henderson: Oquawka (U of I)

Peoria: (Brendel)

Fulton, Menard: (Wolf, Hall)

PTYCHOMITRACEAE

Ptychomitrium drummondii Sull.

Grimmia drummondii Hook and Wils.

Pulaski: (U of I)

Capsules: August

ORTHOTRICACEAE

Orthotrichum anomalum Hedw.

Will: Lockport (Hill)

Capsules: April, June

Orthotrichum fallax Sch.

Orthotrichum schimperi Ham.

Cook: Glenwood (U of I)

Orthotrichum fallax var. *truncatum* Aust.

Locality not mentioned: (Lesq. and J.) (Rau and Hervey)

Orthotrichum lescurii Aust.

Orthotrichum cupulatum var. *minus* Sull.

Cook: Barrington (U of I)

Will: Lockport, Rock River, Troy Twp. (Hill)

Orthotrichum ohioense S. and L.

Orthotrichum canadense B. and S.

Fulton: (Wolf, Hall)

Orthotrichum strangulatum Beau.

Orthotrichum porteri Aust.

Cook: Glenwood; Lemont (Hill)

Will: Lockport; Joliet (Hill)

LaSalle: Deer Park (U of I)

Stark: (Hill)

Rock Island: Port Byron (Harper)

Marion: (Bebb)

McHenry: Ringwood (Vasey)

Peoria: (Brendel)

Capsules: May

Ulota crispa var. *crispulum*

Ulota crispa Bruch., *Orthotrichum crispulum* Bruch.

Cook: Chicago (Vasey)

Fulton, Menard: (Wolf, Hall)

Drummondia clavellata Hook.

Peoria: (Brendel)

Fulton, Menard: (Wolf, Hall)

FONTINALACEAE

Fontinalis biformis Sull.

Marion: (Hall)

Fulton: (Wolf, Hall)

Fontinalis dalecarlica B. and S.

Carroll: Havanna (Vasey)

Fulton: (U. of I) (Wolf, Hall)

Fontinalis filiformis S. and L.

Fulton, Mason: (Wolf, Hall)

Fontinalis umbachii Chardot

Cook: Romeo (Hill)

Will: Lockport (Hill)

Dichelyma capillaceum (Dill.) B. and S.

Fulton: (Wolf, Hall)

CLIMACIACEAE

Climacium americanum Brid.

Cook: (Taylor)

Carroll: (Taylor)

Lake: Lake Forest; Lake Bluff (Hill)

Champaign: Mahomet (U of I)

Henderson: Oquawka (U of I)

Rock Island: Port Byron (Harper)

Peoria: (Brendel)

Fulton, Menard: (Wolf, Hall)

HEDWEGIACEAE

Hedwegia ciliata Ehr.

Hedwegia albicans (Web.) Lindb.

Cook: Barrington (Hill)

Lake: Lake Bluff; Lake Forest (Hill)

Peoria: (Brendel)

Fulton, Menard: (Wolf, Hall)

Hedwegia ciliata var. *viridis*

Cook: Barrington; Lemont (Hill) (U of I)

LEUCODONTACEAE

Leucodon julaceus (Hedw.) Sull.

Champaign: Urbana (U of I)

Peoria: (Brendel)

Fulton, Menard: S. Illinois (Wolf, Hall)

Forsstroemia ohioensis (Sull.) Lindb.

Leptodon ohioensis Sull.

Pulaski: (Wolf, Hall)

Forsstroemia trichomitria (Hedw.) Lindb.

Leptodon trichomitrium Mohr., *Forsstroemia* var. *immersus* Sull.

Locality not mentioned: (Hall)

NECKERACEAE

Neckera pennata (L.) Hedw.

Fulton: (U of I)

Porotrichum alleghaniense (C. M.) Grout

Thamnion alleghaniense B. and S., *Hypnum alleghaniense*

Fulton: (U of I)

THELIACEAE

Thelia asperella (Hedw.) Sull.

Cook: Near Morgan Park; Winnetka; Thornton (Hill)

Lake: Lake Bluff

Thelia hirtella Sull.

Peoria: (Brendel)

Fulton, Menard: (Wolf, Hall)

Thelia lescurii Sull.

Fulton: (Wolf, Hall)

FABRONIACEAE

Fabronia gymnostoma Sull.

Fulton, Menard (Wolf, Hall)

Locality not mentioned (Rau and Hervey)

Fabronia octoblepharis (Schleich.) Schwaegr.

Menard: Athens (Lesq. and J.)

Fabronia wrightii Sull.

Menard: Athens (Hall) (Lesq. and J.)

- Anacamptodon splachnoides* (Froel.) Brid.
Fabronia splachnoides (Froel.) Brid.
 Fulton, Menard: (Wolf, Hall) (U of I)
Clasmatodon parvulus Hampe
 Fulton: (Wolf, Hall)

LESKEACEAE

- Fabroleskea austinii* Sull.
Leskea austinii Sull.
 Cook: Crete (Hall)
 Lake: Lake Villa (Hall)
 Fulton, Menard: (Wolf, Hall) (U of I)
Leskea denticulata Sull.
 Locality not mentioned: (Wolf, Hall)
Leskea gracilescens Hedw.
 Cook: Lemont; Thornton; Western Springs (Hill)
 Lake: Lake Villa (Hill)
 Will: Crete; Homer; Lockport (Hill)
 Capsules: July, August
Leskea obscura Hedw.
 Cook: Thornton; Thatcher's Park; Berwyn; Western Springs;
 Glenwood (Hill)
 Lake: Lake Zurich (Hill)
 Champaign: Mahomet; Urbana (U of I)
 Peoria: (Brendel)
 Fulton, Menard: (Wolf, Hall)
Leskea polycarpa Ehr.
 Cook: Western Springs; Riverside (Hill)
 Will: Joliet (Hill)
 Stark: Wady Petra (U of I)
 Champaign: Urbana; Mahomet (U of I)
 Peoria: (Brendel)
 Fulton, Menard: (Wolf, Hall)
Leskea vitriculosus (L.) H. and T.
 Carroll: (Taylor)
Pterigynandrum filiforme (Timm.) Hedw.
Neckera filiforme Muel.
 Menard: Athens (Hall)

THUIDIACEAE

- Anomodon attenuatus* (Schreb.) Hueb.
 Cook: Thornton; Glenwood (Hill)
 Will: Crete; Homer (Hill)
 Lake: Lake Forest; Lake Bluff (Hill)
 Champaign: Urbana (U of I)
 Marion: (Bebb)
 Peoria: (Brendel)
 Fulton, Menard: (Wolf, Hall)

- Anomodon minor* (P. Beau.) Fuern.
Anomodon obtusifolius B. and S.
 Cook: Lemont; Evanston (Hill)
 Will: Lockport (Hill)
 Champaign: Urbana (U of I)
 Henderson: Oquawka (U of I)
 Marion: (Bebb)
 Peoria: (Brendel)
 Fulton, Menard: (Wolf, Hall)
- Anomodon rostratus* (Hedw.) Sch.
 Cook: Evanston; Lemont (Hill)
 Will: Lockport; Joliet (Hill)
 Lake: Lake Bluff (Hill)
 Champaign: Urbana (Hill)
 Peoria: (Brendel)
 Fulton, Menard: S. Illinois (Wolf, Hall)
- Anomodon tristis* (Cesati) Sull.
Leskea tristis Cesati
 Peoria: (Brendel) (U of I)
 Fulton, Menard: (Wolf, Hall)
- Thuidium delicatulum* (L.) Hedw.
Hypnum delicatulum Lindb.
 Cook: (Taylor)
 Lake: Wauconda (Hill)
 Henderson: Oquawka (Hill)
 Union: (U of I)
 Peoria: (Brendel)
 Fulton, Menard: (Wolf, Hall)
- Capsules: August
- Thuidium elodioides* R. and C.
 Lake: Wauconda (Hill)
 Capsules: August
- Thuidium microphyllum* (Sw.) Best
Hypnum gracile B. and S., *Haplocladium microphyllum* (Sw.) Brath.
 Cook: Thatcher's Park (U of I)
 Lake: Ft. Sheridan (U of I)
 Ogle: Oregon (U of I)
 McHenry: Ringwood (Vasey)
 Kane: Elgin (Vasey)
 Peoria: (Brendel)
 Fulton, Menard: (Wolf, Hall)
- Capsules: August
- Thuidium minutulum* (Hedw.) B. and S.
 Peoria: (Brendel)
 Fulton, Menard: (Wolf, Hall)

Thuidium recognitum (Hedw.) Lindb.

Hypnum recognitum Hedw.

Cook: Glenwood; Highland Park (Hill) (U of I)

Lake: Lake Bluff; Lake Forest (Hill)

Champaign: Mahomet; Urbana (U of I)

McHenry: Near Fox Lake (U of I)

Capsules: June, July, August

Thuidium scitum (Beau.) Aust.

Hypnum scitum Beau., *Rauia scitum* Aust.

Fulton, Menard: (Wolf, Hall) (U of I)

Thuidium virginianum (Brid.) Lindb.

Champaign: Urbana (U of I)

AMBLYSTEGIACEAE

Cratoneuron filicinum (L) Roth.

Amblystegium filicinum L.

Lake: Lake Bluff (Hill)

Will: Troy Twp. (Hill)

Capsules: June

Campylium chrysophyllum (Brid.) Bryhn.

Hypnum chrysophyllum Brid., *Amblystegium chrysophyllum* DeNot.

Lake: Highland Park, Lake Bluff (Hill)

Will: Joliet (Hill)

Fulton: (Wolf)

Capsules: July, November

Campylium hispidulum (Brid.) Mitt.

Hypnum hispidulum Brid., *Amblystegium hispidulum* Kindb.

Cook: Englewood; Morgan Park; River Forest (Hill)

Lake: Highland Park; Lake Forest (Hill)

Champaign: Urbana (U of I)

McLean: Bloomington (U of I)

Menard: Athens (Hall)

Capsules: May

Campylium stellatum (Schreb.) Bryhn.

Hypnum stellatum Schreb.

Lake: Waukegan (Hill)

Campylium polygomum (Sch.) Bryhn.

Hypnum polygomum Wils.

Locality not mentioned (Hall)

AMBLYSTEGIACEAE

Amblystegium fluviatile B. and S.

Hypnum fluviatile Swartz, *Hygroamblystegium fluviatile* Loesh.

Cook: Sag Bridge (Hill)

Will: Rock Run (Hill)

Amblystegium irriguum (Wils.) B. and S.

Cook: Lemont (Hill)

Will: Troy Twp.; Joliet (Hill)

- Amblystegium juratzkanum* Sch.
 Cook: Glenwood; Grand Crossing; Glencoe (Hill)
 LaSalle: Deer Park (Hill)
 Capsules: May, June, July
- Amblystegium kochii* B. and S.
 Cook: W. Pulman; Berwyn (Hill) (Calkins)
 Lake: Lake Forest (Hill)
 Will: New Lenox (Hill)
 Capsules: May, June, July
- Amblystegium noterophilum* (Sull.) Warnst.
 Cook: Lemont; Berwyn (Hill) (Calkins)
 Will: Joliet; Troy Twp.; Sag Bridge (Hill)
 Capsules: June
- Amblystegium orthocladon* (Beau.) Jaeger
Hypnum orthocladon Beau., *Hypnum serpens* var. *orthocladon* Aust.
 Cook: Willow Springs; Lemont; (Taylor) (Hill)
 Lake: Cuba (Hill)
 Will: Lockport (Hill)
 Carroll: Savanna (Hill)
 Rock Island: Port Byron (Harper)
 Peoria: (Brendel)
 Fulton, Menard: (Wolf, Hall)
- Amblystegium radicale* (Beau.) Mitt.
Hypnum radicale Beau.
 Cook: Willow Springs; Hyde Park; Chicago Heights; Thornton (Hill)
 Lake: Lake Bluff; Lake Forest (Harper)
 Rock Island: Port Byron (Harper)
- Amblystegium riparium* (L.) B. and S.
Hypnum riparium L.
 Cook: Grand Crossing; Romeo (Hill)
 Will: Troy Twp. (Hill)
 Peoria: (Brendel)
 Fulton, Menard: (Wolf, Hall)
- Amblystegium riparium* var. *abbreviatum*
 Cook: Summit; Lemont (Hill)
 Lake: Wauconda (Hill)
 Champaign: Urbana (U of I)
 Capsules: June, July, August
- Amblystegium riparium* var. *cariosum*
 Locality not mentioned: (Wolf, Hall)
- Amblystegium riparium* var. *flaccidum*
 Cook: Grand Crossing (Hill)
- Amblystegium riparium* var. *fluitans*
 Cook: Grand Crossing; Wildwood; Romeo (Hill)
 Will: Joliet; Lockport (Hill)
 Lake: Cedar Lake; Lake Villa (Hill)

Amblystegium serpens (L.) B. and S.

Hypnum serpens L.

Cook: Lemont; Englewood; Thatcher's Park; Romeo (Hill)

Lake: Chicago Heights (U of I)

Ogle: Oregon (Hill)

Henderson: Oquawka (U of I)

Champaign: Urbana (U of I)

Menard: Athens (Hall)

Rock Island: Port Byron (Harper)

Peoria: Princeville (U of I) (Brendel)

Amblystegium serpens var. *radicale*

Fulton, Menard: (Wolf, Hall)

Amblystegium subtile B. and S.

Hypnum subtile Hoff.

Cook: Willow Springs; Chicago Heights (Hill)

Amblystegium varium (Hedw.) Lindb.

Cook: Hyde Park; Grand Crossing; Willow Springs; Chicago Heights; Thornton; Wildwood; Glenwood; Lemont; Berwyn (Hill)

Will: New Lenox; Crete; Lockport (Hill)

Lake: Lake Forest; Waukegan (Hill)

Champaign: Urbana, Mahomet (U of I)

Carroll: Savanna (Hill)

Ogle: Oregon (Hill)

Rock Island: Port Byron (Harper)

Amblystegiella conferva (Schwaegr.) n. c.

Hypnum confervoides Brid.

Ogle: Liberty Hill; Oregon (Hill)

Amblystegiella adnata (Hedw.) Nichols

Hypnum adnatum Hedw., *Homomallium adnatum* (Hedw.) B.

Cook: Evanston (Hill)

Will: Joliet (Hill)

Kankakee: Kankakee (Hill)

Henry: Geneseo (Harper)

Rock Island: Port Byron (Harper)

Adams: Quincy (Harper)

Peoria: (Brendel)

Capsules: June

Drepanocladus aduncus (Hedw.) Warnst.

Harpidium aduncum Hedw., *Hypnum aduncus* Hedw.

Tazewell: (U of I)

Peoria: (Brendel)

Fulton, Menard: (Wolf, Hall)

Drepanocladus aduncus var. *gracilescens* Sch.

Cook: Lemont; Lyons (Hill) (U of I)

Lake: Lake Bluff; N. Chicago (Hill)

Will: Joliet (Hill)

Fulton: Canton (U of I)

Capsules: June

- Drepanocladus aduncus* var. *Kneiffii* Sch.
 Lake: Wauconda (Hill)
 Will: Joliet (Hill)
- Drepanocladus aduncus* var. *attenuatus*
 Lake: Fox Lake (Hill)
- Drepanocladus exannulatus* (Gruebel) Warns.
Hypnum exannulatus B. and S., *Amblystegium exannulatus* Denot.
 Lake: Lake Villa (Hill)
- Drepanocladus fluitans* (L.) Warnst.
Hypnum fluitans L., *Amblystegium fluitans* DeNot. var. *plumosus*
 Cook: Palos Park (Hill)
 Lake: Ft. Sheridan
- Drepanocladus uncinatus* (Hedw.) Warnst.
 Cook: Palos Twp. (Hill)
 Will: Joliet (Hill)
- Calliargon cuspidatum* (L.) Kindb.
 Lake: Lake Villa; Wauconda; Irving Lake (Hill)

BRACHYTHECIACEAE

- Camptothecium lutescens* (Huds.) B. and S.
Hypnum lutescens Huds.
 LaSalle: Deer Park (U of I)
 Peoria: (U of I)
- Camptothecium nitens* (Schreb.) n. c.
Hypnum nitens Schreb.
 Lake: Wauconda (Hill)
- Homalotheciella subcapillata* (Hedw.) Card.
Homalothecium subcapillatum B. and S.
 Fulton, Menard: (Wolf, Hall)
- Chamberlainia acuminatum* (Hedw.) n. c.
Brachythecium acuminatum (Hedw.) Kindb.
 Cook: Beverley Hills; Barrington; Lemont (Hill)
 Lake: Lake Bluff (Hill)
 Champaign: Urbana (U of I)
 Marion: (Bebb)
 Henderson: Oquawka
 Peoria: (Brendel)
 Fulton, Menard: (Wolf, Hall)
 Capsules: February, May, November
- Chamberlainia acuminatum* var. *rupincola* (S. and Lesq.)
 Cook: Berwyn (Hill)
 Will: Lockport; Joliet
 Lake: Lake Bluff
 Henderson: Oquawka (U of I)
- Brachythecium acutum* (Mitt.) Sull.
Hypnum acutum Mitt.
 Will: Paterson's Quarry; Joliet (Hill)

Brachythecium collinum (Schleich.)

Hypnum collinum Schleich.

Locality not mentioned: (Wolf, Hall)

Brachythecium oxycladon (Brid.) Jaegr.

Hypnum oxycladon Brid., *Brachythecium laetum* Brid.

Cook: Glenwood; Glencoe; Chicago Heights (Hill)

Lake: Lake Forest; Lake Bluff; Lake Villa (Hill)

Will: Mokena; Lockport (U of I)

Henderson: Oquawka (U of I)

Rock Island: Port Byron (Harper)

Peoria: (Brendel)

Fulton, Menard: (Wolf, Hall)

Capsules: April, May, July, October, November

Brachythecium rivulare B. and S.

Hypnum rivulare B. and S.

LaSalle: Starved Rock (Hill)

Peoria: (Brendel)

Fulton, Menard: (Wolf, Hall)

Brachythecium rutabulum (L.) B. and S.

Hypnum rutabulum L.

Lake: Lake Bluff (Hill)

Fulton: Liverpool

Capsules: November

Brachythecium salebrosum (Hoffm.) B. and S.

Hypnum salebrosum Hoffm.

Cook: Evanston; S. Chicago (Hill)

Lake: Lake Bluff (U of I)

Will: Joliet (U of I)

Capsules: September, November, June

Bryhnia gramicolor (Brid.) Grout

Eurhynchium sullivantii J. and S., *Hypnum sullivantii* Spruce

Fulton, Menard: (Wolf, Hall)

Bryhnia novae-angliae (S. and Lesq.) Grout

Brachythecium novae-angliae J. and S., *Hypnum novae-angliae* S. and Lesq.

Locality not mentioned: (Wolf, Hall)

Cirriphyllum boscii (Schwaegr.) Grout

Hypnum boscii Schwaegr.

Cook: Glencoe (Calkins)

Peoria: (U of I)

Union: (U of I)

Menard: (Wolf, Hall)

Eurhynchium hias (Hedw.) J. and S.

Hypnum hias Hedw.

Cook: Glencoe; N. Chicago (Hill)

Lake: Lake Forest; Lake Bluff (Hill)

Will: Mokena (Hill)

Peoria: (Brendel)

Fulton, Menard: (Wolf, Hall)

Eurhynchium serrulatum Hedw.

Rhynchostegium serrulatum (Hedw.), *Hypnum serrulatum* (Hedw.)

Cook: S. Chicago; Wildwood; Beverley Hills; Thatcher's
Park (U of I)

Champaign: Urbana (U of I)

Kankakee: Kankakee (U of I)

Ogle: Oregon (U of I)

Marion: (Bebb)

Rock Island: Port Byron (Harper)

Peoria: (Brendel)

Eurhynchium strigosum (Hoffm.) Br. and Sch.

Hypnum strigosum Hoffm.

Menard: Marion (Wolf, Hall) (Bebb)

ENTODONTACEAE

Entodon brevisetus (Hook and Wils.) J. and S.

Cylindrothecium brevisetum B. and S.

Champaign: Urbana (U of I)

Will: Crete (Umbach)

Henry: Geneseo (Harper)

Marion: (Bebb)

Menard: (Wolf, Hall)

Entodon cladorrhizans (Hedw.) C. M.

Cylindrothecium cladorrhizans Sch.

Cook: Barrington (Hill)

Lake: Lake Forest; Lake Bluff (Hill)

Will: Crete (Hill)

Champaign: Urbana, Mahomet (U of I)

Peoria: (Brendel)

Fulton, Menard: (Wolf, Hall)

Capsules: June, July

Entodon compressus C. Mueller

Cylindrothecium compressus B. and S.

Champaign: Urbana; Mahomet (U of I)

Kankakee: Kankakee (Hill)

Lake: Lake Bluff (Hill)

Fulton, Menard: (Wolf, Hall)

Entodon seductrix (Hedw.) C. M.

Cylindrothecium seductrix Sull.

Cook: Barrington; River Forest; Riverside (Hill)

Lake: Lake Forest (Hill)

Will: Homer (Hill)

Stark (U of I)

Champaign: Urbana; Mahomet (U of I)

Rock Island: Port Byron (Harper)

Peoria: (Brendel)

Fulton, Menard: (Wolf, Hall)

Capsules: August, September, October, November, December

Entodon sullivatii Sull.

Peoria: (U of I)

PLAGIOTHECIACEAE

Plagiothecium denticulatum (L.) B. and S.

Hypnum denticulatum L.

Cook: Wildwood; Palos; Glencoe (U of I) (Hill)

Plagiothecium denticulatum var. *laetum* (B. and S.) Lindb.

Cook: (Taylor)

Ogle: Oregon (Hill)

Capsules: July

Plagiothecium deplanatum Sch.

Hypnum deplanatum Sull.

Peoria: (Brendel)

Fulton, Menard: (Wolf, Hall)

Plagiothecium elegans (Hook) Sull.

Hypnum elegans Hook

Will: Joliet (U of I)

Plagiothecium micans (Swartz) Paris

Cook: Wildwood (Hill)

Capsules: May

Plagiothecium micans var. *albulum* (C. M.) Aust.

Fulton, Menard (Wolf, Hall)

Plagiothecium silesiacum (H. and W.) Hedw.

Menard: Athens (Hall)

Plagiothecium sylvaticum var. *sullivantii* Sch.

LaSalle: Starved Rock (U of I)

SEMATOPHYLLACEAE

Raphidostegium adnatum (Mx) B. and S.

Hypnum microcarpon Lesq. and J.

Cook: Evanston (Hill)

Will: Joliet (Hill)

Kankakee: Kankakee (Hill)

Peoria: (Brendel)

Fulton, Menard: (Wolf, Hall)

HYPNACEAE

Platygyrium repens (Brid.) B. and S.

Cook: Barrington; Evanston; Niles; LaGrange (Hill)

Will: Lockport; Homer (Hill)

Lake: Lake Bluff (Hill)

LaSalle: Utica (Hill)

Pylaisia intricata (Hedw.) R. and C.

Pylaisia velutina B. and S.

Henderson: Oquawka (U of I)

Pylaisia polyantha (Schreb.) B. and S.

Leskea polyantha Hedw.

Fulton: (Wolf, Hall)

Pylaisia schimperii Cardot

Pylaisia intricata B. and S.

Cook: Evanston; Riverside; Calumet; Sag Bridge (Hill)

Will: Crete (U of I)

Champaign: Urbana (U of I)

Pylaisia subdenticulata B. and S.

Pylaisia denticulata Sull.

Fulton, Menard: (Wolf, Hall)

Hypnum crista-castrensis L.

Ptilium crista-castrensis (L) DeNot.

Fulton, Menard: (Wolf, Hall)

Hypnum curvifolium Hedw.

Cook: Highland Park (Hill)

Lake: Lake Forest; Wauconda (Hill)

Champaign: Urbana (U of I)

Union: (U of I)

Marion: (Bebb)

Peoria: (Brendel)

Fulton, Menard: (Wolf, Hall)

Hypnum dimorphum Brid.

Heterocladium dimorphum B. and S.

Fulton: (Wolf, Hall)

Hypnum diversifolium Sch.

Menard: (Wolf, Hall)

Hypnum haldanianum Grev.

Lake: Lake Forest (Hill)

Peoria: (Brendel)

Fulton, Menard: (Wolf, Hall)

Hypnum imponens Hedw.

Champaign: Urbana (U of I)

Marion: (Bebb)

Peoria: (Brendel)

Fulton, Menard: (Wolf, Hall)

Hypnum micans Schwartz var. *album* (C. M.) Aust.

Isopterygium micans Schwartz.

Fulton, Menard: (Wolf, Hall)

Hypnum pallescens (Hedw.) B. and S.

Ogle: Liberty Hill; Oregon (U of I)

Hypnum patientiae Lind.

Lake: Wauconda (Hill)

Hypnum subimponens Lesq.

Ogle: Oregon (U of I)

Peoria: (Brendel)

Hypnum tenuirostris B. and S.

Hypnum cylindrocarpum C. Muel.

Menard: (Wolf, Hall)

HYLOCOMIACEAE

Hylocomium trigetrum (L. and S.)

Cook: Highland Park; Glencoe (Hill)

Lake: Lake Forest (Harper)

Menard: Athens (Hall)

POLYTRICACEAE

Catharinea angustatum Brid.*Atrichum angustatum* B. and S.Cook: Thornton; Beverley Hills; Berwyn; W. Pullman;
Glencoe (Hill)

Lake: Lake Forest (Hill)

Kankakee: Kankakee (U of I)

Champaign: Urbana; Mahomet (U of I)

LaSalle: (U of I)

Rock Island: Moline; Port Byron (U of I) (Harper)

Marion: (Bebb) (U of I)

Hancock: Augusta (Meade)

Peoria: (Brendel) (U of I)

Fulton, Menard, Johnston: (Wolf, Hall)

Capsules: July, August, September, November

Catharinea undulata (L.) W. and M.*Atrichum undulatum* Beau.Cook: Glencoe; Winnetka; Highland Park; Glenwood (Hill)
(U of I)

Lake: Lake Forest (Hill)

Kankakee: Rock Creek, Kankakee (Hill)

Champaign: Urbana (U of I)

Henderson: Oquawka (U of I)

Peoria: Princeville (Brendel) (U of I)

Fulton, Menard: (Wolf, Hall)

Capsules: March, February, August, October, November

Catharinea undulata var. *attenuata*

Cook: Orland (Hill)

Capsules: December

Pogonatum brevicaule (Brid.) Beau.

Peoria: (Brendel)

Fulton, Menard: (Wolf, Hall)

Polytrichum commune L.

Cook: Glenwood (Taylor) (U of I)

Lake: Grant Twp. (U of I)

Menard: Athens (U of I)

Peoria: (Brendel)

Fulton, Menard: (Wolf, Hall)

Polytrichum formosum Hedw.

Menard, Union: (Wolf, Hall)

- Polytrichum juniperinum* Wild.
 Cook: Glenwood (U of I)
 Will: Crete (U of I)
 LaSalle: Starved Rock (U of I)
 Ogle: Oregon (U of I)
 Henderson: Oquawka (U of I)
 Peoria: (Brendel)
 Fulton, Menard: (Wolf, Hall)
 Capsules: June, July
- Polytrichum ohioense* R. and C.
 Cook: Glenwood (Hill)
 LaSalle: (U of I)
 Capsules: June
- Polytrichum piliferum* Schieb.
 Ogle: Rock River; Oregon (Hill)
- Polytrichum stricta* Banks
 Lake: Long Lake (Hill)

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