

SOME BRYOPHYTES OF MACON COUNTY, ILLINOIS

BY

GLADYS CHARLOTTE GATLINGER

University of Illinois, Urbana, Illinois

The following list of Bryophytes represents the species found in collections made in April and May of 1933 from woody ravines and banks of the Sangamon River and its tributaries and from roadsides and pastures in Macon County, Illinois. The names used are those found in "Mosses With a Hand Lens and Microscope" and "Mosses With a Hand Lens" by A. J. Grout. The work was done under the direction of Dr. Stella M. Hague of the Department of Botany, University of Illinois.

I. HEPATICAE:

JUNGERMANNIACEAE

- Frullania eboracensis* Gottsche. Tree.
- Lojeunea cavifolia* (Ehrh.) Lindb. Tree.
- Lophocolea heterophylla* (Schrad.) Dum. Stump.
- Cephalozia bicuspidata* Stump.
- Jungermannia lanceolata* L. (*Liochlaena lanceolata*). Stump.

II. MUSCI:

POLYTRICHACEAE

- Catharinea undulata* (L.) W. and M. River bank.
- Catharinea angustata* Brid. River bank.

FISSIDENTACEAE

- Fissidens osmundoides* (Swz.) Hedw. Ravine.

DICRANACEAE

- Ditrichum tortile* (Schrad.) Hampe. Ravine.
- pallidum* (Schreb.) Hampe. Ravine.
- Ceratodon purpurens* (L.) Brid. Pasture.
- Leucobryum glaucum* (L.) Schimp. Woods soil.

TORTULACEAE

- Weisia viridula* (L.) Hedw. Pasture.
- Pottia truncatula* (L.) Lindb. Pasture.

PUMILIACEAE

- Physcomitrium turbinatum* (Mx.) Brid. Roadside.

BRYACEAE

- Bryum caespitium* L. River bank.
- Bryum argenteum* L. Stone.
- Rhodobryum roseum* (Weis.) Limpr. Log.
- Mnium cuspidatum* (L.) Leyss (*Mnium sylvaticum*). Log.
- Mnium affine ciliare* (Grev.) C. M. Log.

LESKEACEAE

- Thuidium delicatulum* (L.) Mitt. Woods soil.
- Thuidium pygmaeum* Br. and Sch. Log.
- Thuidium microphyllum* (Sw.) Best. Log.
- Leskea polycarpa* (Ehrh.) Tree.
- Leskea nervosa* (Schwaegr.) Myrin. Tree.
- Anomodon rostratus* (Hedw.) Schimp. Tree.

HYPNACEAE

- Brachythecium salebrosum* (Hoffm.) Br. and Sch. Woods soil.
Brachythecium oxycladon (Brid.) J. and S. (B. *lactum* B. and S.).
 Log.
Brachythecium cyrtophyllum Kindb. Log.
Eurynchium hians (Hedw.) J. and S. Woods soil.
Eurynchium strigosum (Hoffm.) B. and S. Woods soil.
Eurynchium serrulatum (Hedw.) Kindb. Woods soil.
Cacopyllum chrysophyllum (Brid.) Bryhn. Stone.
Amblystegium serpens (L.) B. and S. Stone.
Amblystegium varium (Hedw.) Lindb. Woods soil.
Amblystegium riparium B. and S. Woods soil.
Plagiothecium micans (Sw.) Paris. Base of tree.
Entodon compressus (Hedw.) C. M. Tree.
Entodon cladorrhizans (Hedw.) C. M. Log.
Entodon seductrix (Hedw.) C. M. Tree.
Platygyrium repens (Brid.) B. and S. Tree.