

INITIAL REPORT ON THE MOSSES OF
McDONOUGH COUNTY, ILLINOIS

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McDonough County is located in the west central part of Illinois. It has an average elevation of 690 feet and the average rainfall is 34.76 inches. The principal vegetation-types are upland timber, upland prairie, and bottom land.

Myers and Wright (1948) reported on the original and present vegetation of McDonough County but did not include the bryophytes. At the suggestion of Dr. Myers a collection of mosses was started.

Clay pits, formed by a series of excavations northeast of Macomb, were the chief collecting grounds. This area is rich in bryophytes growing in contrasting habitats. *Lep-todictyum trichopodium* grows at the water's edge, *Dicranella heteromalla* grows on the underside of sandstone overhanging the water, *Entodon seductrix* and *Bryum cuspidatum* are found on exposed sandstone, *Ceratodon purpureus* is found on top of the clay ridges in full sunshine. Specimens were also collected at Spring Lake, Argyle Lake, and Bushnell prairie on lawns and trees.

Packets of the mosses are deposited in duplicate in the Western Illinois State College herbarium and in the author's collection. All of the specimens were checked by H. S. Conard.

The author wishes to express her thanks to Dr. Conard for help in

classification, and to R. M. Myers and others who helped in collecting the mosses.

POLYTRICHACEAE

Atrichum angustatum (Brid.) Bry. Eur. B.S.G.

DITRICHACEAE

Ceratodon purpureus (Hedw.) Brid.

DICRANACEAE

Dicranella heteromalla (Hedw.) Schimp.

POTTIACEAE

Weisia controversa Hedw.

FUNARIACEAE

Funaria hygrometrica Hedw.
Physcomitrium turbinatum (Michx.) Brid.

BRYACEAE

Bryum argenteum Hedw.
Bryum cuspidatum (B.S.G.) Schimp.

MNIACEAE

Mnium cuspidatum Hedw.
Mnium medium B.S.G.

LESKEACEAE

Leska gracilescens Hedw.

HYPNACEAE

Amblystegium varium var. *ovatum* Grout
Brachythecium salebrosum B.S.G.
Campylium hispidulum (Brid.) Mitt.
Entodon seductrix (Hedw.) C. Muell.
Eurhynchium serrulatum (Hedw.) Kindb.
Leptodictyum trichopodium (Schultz) Warnst.

REFERENCES

- GROUT, A. J., Moss flora of North America, vols. 1-3: Newfane, Vermont, 1928-40.
MYERS, R. MAURICE, and WRIGHT, PAUL G., Initial report on the vegetation of McDonough County, Illinois: Trans. Ill. Acad. Sci., vol. 41, pp. 43-48, 1948.