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Slime Molds of Benzie County, Michigan

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SLIME MOLDS OF BENZIE COUNTY, MICHIGAN

RUTH GILMAN

This species list of the slime molds of Benzie County, Michigan represents the forty-two species collected by the author in the Birch-beech-maple-hemlock woods on the north shore of Crystal Lake. Practically all the specimens were collected either in June, 1936, or during June and July, 1939, when the ground is very moist.

The two species of *Badhamia* are especially notable; *Badhamia populina* is recorded for the first time east of Colorado; *Badhamia panicea* is recorded for the first time east of the Mississippi River.

The author wishes to express her thanks to J. C. Gilman for his help in collecting and identifying the specimens, to H. S. Conard, for his help in identifications, and to T. E. Brooks for checking all of the identifications.

All names are according to the keys and descriptions of *THE MYXOMYCETES*, Macbride and Martin (1934), and are given below as they occur in that volume. Those species marked with an asterisk are recorded from Michigan for the first time.

Ceratiomyxaceae

Ceratiomyxa fruticulosa (Muell.) Macbr.

Physaraceae

Fuligo septica (L.) Weber

**Badhamia populina* Lister

**B. panicea* (Fr.) Rost.

Physarum virescens Ditmar var. *nitens* Lister (*P. luteolum* Peck)

P. confertum Macbr.

P. bivalve Pers.

P. contextum Pers.

P. globuliferum (Bull.) Pers.

P. pulcherrimum Berk & Rav.

**P. oblatum* Macbr.

P. nutans Pers.

P. viride (Bull.) Pers.

Craterium leucocephalum (Pers.) Ditm.

Leocarpus fragilis (Dickson) Rost.

Didymiaceae

Didymium squamulosum (Alb. & Schw.) Fr.

D. melanospermum (Pers.) Macbr.

D. floriforme (Bull.) Pers.

Stemonitaceae

- Stemonitis fusca* Roth
- S. axifera* (Bull.) Macbr.
- S. flavogenita* Jahn
- Comatricha nigra* (Pers.) Schroet.
- C. typhoides* (Bull.) Rost.

Lamprodermaceae

- Enerthenema papillatum* (Pers.) Rost.
- Lamproderma arcyronema* Rost.

Cribrariaceae

- Cribraria argillacea* Pers.
- C. dictydoides* Cooke & Balf.
- **C. languescens* Rex
- **C. piriformis* Schrad.
- Dictydium cancellatum* (Batsch) Macbr.

Tubiferaceae

- Tubifera ferreginosa* (Batsch) Gmelin.

Lycogalaceae

- Lycogala epidendrum* (L.) Fr.

Perichaenaceae

- **Perichaena corticalis* (Batsch) Rost.

Arcyriaceae

- Arcyria nutans* (Bull.) Grev.
- A. incarnata* Pers.
- A. cinerea* (Bull.) Pers.
- A. denudata* (L.) Wettstein

Trichiaceae

- Trichia scabra* Rost.
- T. favoginea* (Batsch) Pers.
- Hemitrichia vesparium* (Batsch) Macbr.
- H. clavata* (Pers.) Rost.
- H. stipitata* (Masse) Macbr.

* represents species recorded from Michigan for the first time.

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