

A PRELIMINARY REPORT OF THE MYXOMYCETES
FROM THE STATE OF IDAHO

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Four Myxomycetes previously have been reported from Idaho. *Prototrichia flagellifera* (Berk. and Br.) Rost. recorded by Macbride (1899) is synonymous with *Prototrichia metallica* (Berk.) Masee reported by Martin (1949), who also indicated *Arcyria versicolor* Phill. from this State. *Diderma lyallii* (Masee) Macbr. and *Physarum albescens* Macbr. were recorded by Hagelstein (1944) as was the latter species by Macbride and Martin (1934). The 36 species listed in this paper bring the total number of Myxomycetes found in Idaho to 40.

Most specimens were collected on decaying organic matter, usually wood, during the summer months of 1969 at elevations from 5,200 to 5,800 feet. The collections were obtained primarily from three different areas located near the mountainous central portion of the state: in the vicinity of the YMCA Camp Ponderosa north of McCall in Valley County; Camp Ee-Da-How north of Idaho City; and an area 12 miles north-east of Lowman. The latter two areas are both in Boise County. At least one collection of each species has been deposited in the University of California Herbarium at Berkeley and other available specimens given to the University of Idaho. The species names are those accepted by Martin and Alexopoulos (1969).

CERATIOMYXACEAE

Ceratiomyxa fruticulosa (Müll.) Macbr. Twelve miles northeast of Lowman.

LICEACEAE

Licea minima Fries. Near Camp Ee-Da-How, Idaho City.

L. variabilis Schrad. Twelve miles northeast of Lowman.

Tubifera ferruginosa (Batsch) J. F. Gmel. Near Camp Ee-Da-How, Idaho City.

RETICULARIACEAE

Lycogala epidendrum (L.) Fries. Near Camp Ee-Da-How, Idaho City.

Reticularia lycoperdon Bull. Near Camp Ee-Da-How, Idaho City.

R. splendens Morgan. Near Camp Ee-Da-How, Idaho City.

CRIBRARIACEAE

Cribraria argillacea (Pers.) Pers. Near Camp Ee-Da-How, Idaho City.

C. aurantiaca Schrad. Twelve miles northeast of Lowman.

C. microcarpa (Schrad.) Pers. Near Camp Ee-Da-How, Idaho City.

C. minutissima Schw. Twelve miles northeast of Lowman.

C. piriformis Schrad. Near Camp Ee-Da-How, Idaho City.

C. rufa (Roth) Rost. Near Camp Ee-Da-How, Idaho City.

Lindbladia tubulina Fries. Near Camp Ee-Da-How, Idaho City.

TRICHIACEAE

Arcyodes incarnata (Alb. and Schw.) O. F. Cook. Twelve miles north-east of Lowman. Although this species has been reported from Oregon, Massachusetts, Iowa, and Nevada, it is not commonly found and is considered rare.

Arcyria incarnata (Pers.) Pers. Near Camp Ee-Da-How, Idaho City.

Trichia botrytis (J. F. Gmel.) Pers. Near Camp Ponderosa, McCall.

T. decipiens (Pers.) Macbr. Near Camp Ee-Da-How, Idaho City.

T. varia (Pers.) Pers. Near Camp Ee-Da-How, Idaho City.

STEMONITACEAE

Comatricha nigra (Pers.) Schroet. Twelve miles northeast of Lowman.

C. suksdorfi Ellis and Ev. Near Camp Ee-Da-How, Idaho City.

Enerthenema melanospermum Macbr. and Mart. Twelve miles north-east of Lowman.

E. papillatum (Pers.) Rost. Twelve miles northeast of Lowman.

Stemonitis axifera (Bull.) Macbr. Near Camp Ee-Da-How, Idaho City.

S. flavogenita Jahn. Near Camp Ee-Da-How, Idaho City.

S. fusca Roth. Near Camp Ponderosa, McCall.

S. hyperoeta Meylan. Near Camp Ee-Da-How, Idaho City.

PHYSARACEAE

Fuligo septica (L.) Wiggers. Near Camp Ee-Da-How, Idaho City.

Leocarpus fragilis (Dicks.) Rost. Near Camp Ponderosa, McCall.

Physarum decipiens Curt. Near Camp Ee-Da-How, Idaho City.

P. leucophaeum Fries. Near Camp Ee-Da-How, Idaho City. This species is not commonly found and has only been reported from California in the Western United States.

P. notabile Macbr. Near Camp Ponderosa, McCall, and Camp Ee-Da-How, Idaho City.

P. viride (Bull.) Pers. Twelve miles northeast of Lowman.

DIDYMIACEAE

Diderma alpinum Meylan. Near Camp Ee-Da-How, Idaho City.

Didymium minus (Lister) Morgan. Near Camp Ee-Da-How, Idaho City.

D. squamulosum (Alb. and Schw.) Fries. Twenty-seven miles north-east of Boise toward Idaho City, Boise County.

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