

A COLLECTION OF MYXOMYCETES FROM EASTERN ILLINOIS

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This collection of the saprophytic Myxomycetes was started by a student, the late Miss Helen Ruck. It has been added to by the writer, Mr. H. F. Thut and students. This collection is maintained as a unit for use in a course of study of the non-green plants. It is presented to the botany section of the Academy as an interesting and useful collection demonstrating this group of plants and as a group useful in teaching the use of keys for the identification of plants. The collection contains nineteen or twenty genera and from forty to fifty species. The following list is a record of these species collected in Coles and Clark Counties in Illinois. Specimens are available to anyone who wants to examine them in the botany laboratories of the Eastern Illinois State Teachers College.

The identifications were made from the keys in the book by Macbride and Martin, *The Myxomycetes*. A part of the identifications have been checked by Professor Martin.

Ceratiomyxa fruticulosa (Muell.) Macbr.
Fuligo septica (L.) Weber
Badhamia Versicolor Lister
Badhamia foliicola Lister
Physarum compressum Alb. and Schw.
Physarum notabile Macbr.

Physarum polycephalum Schw.
Physarum viride (Bull.) Pers.
Physarum spp.
Diderma crustaceum Peck.
Diachea leucopodia (Bull.) Rost.
Stemonitis fusca Roth.
Stemonitis virginiensis Rex.
Stemonitis fenestrata Macbr.
Stemonitis splendens Rost.
Stemonitis axifera (Bull.) Macbr.
Comatricha longa Peck
Comatricha irregularis Rex
Comatricha typhoides (Bull.) Rost.
Comatricha pulchella (Bab.) Rost
Comatricha sp.
Lamproderma arcyriionema Rost.
Cribaria dictydiodes Cook and Balf.
Dictydium cancellatum (Batsch) Macbr.
Licea tenera John
Licea fimicola Dearness and Bisby.
Tubifera casparyi (Rost) Macbr.
Tubifera ferruginosa (Batsch) Gmel.
Reticularia lycoperdon Bull.
Lycogola epidendrum (L) Fr.
Perichaena quadrata Macbride
Arcyria cinerea (Bull) Pers.
Arcyria digitata (Schw.) Rost.
Arcyria denudata (L) Wettstein
Oligonema nitens (Lib.) Rost.
Hemitrichia serpula (Schop.) Rost.
Hemitrichia stipata (Schw.) Macbr.
Hemitrichia vesparium (Batsch) Macbr.
Hemitrichia clavata (Pers.) Rost.