

Additions to the Hepaticae of Indiana I

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The following list has been compiled as a result of the identification of several collections of Indiana Hepaticae. The author wishes to thank Dr. Winona Welch of DePauw University for the collection of specimens which she sent for determination (153 specimens), Mr. Donald Richards of the University of Chicago (18 specimens) and Dr. Francis Drouet of the Field Museum, who kindly made available the Indiana collection of the museum (62 specimens). The author is indebted to Dr. Margaret Fulford who checked the identification of some doubtful forms.

The species list is arranged in the following manner: the species name is followed by the county in which it was collected, the county name is followed by a symbol which indicates the Herbarium in which the specimen is deposited and the number following the symbol indicates the collector's number of the packet or the specimen number, in the case of the Field Museum specimens. These are the symbols used: W—Herbarium of Winona H. Welch, R—the Herbarium of Donald Richards, F—the Hepatic Herbarium of Field Museum, P—the Herbarium of the writer.

Only the specimens that constitute new state and county records are included in this list. Species that are marked with an asterisk (*) are the new state records.

Ptilidium pulcherrimum (Web) Hampe. Porter Co., (F) 1000211, 1000215, 1000216, 1000218.

**Blepharostoma trichophyllum* (L) Dum. Parke Co., (W) 5835.

Trichocolea tomentella (Ehrh) Dum. Parke Co., (W) 6316; Porter Co., (F) 908204.

Bazzania trilobata (L) S. F. Gray. Parke Co., (W) 6278.

Calypogeia Trichomanis (L) Corda. Fountain Co., (W) 6342, 6343, 6344; Lake Co., (F) 1065467; Laporte Co., (P) 363; Parke Co., (W) 6291; Perry Co., (W) 6350, 6353, 6356.

Cephalozia connivens (Dicks) Lindb. Laporte Co., (P) 340.

**Cephalozia media* Lindb. Laporte Co., (P) 363, 364; Parke Co., 6284, 6291, 6292; Perry Co., (W) 6350.

Novellia curvifolia (Dicks) Mitt. Parke Co., (R) 230, 233, and (W) 6274, 6277.

Lophocolea bidentata (L) Dum. Elkhart Co., (P) 339; Laporte Co., (P) 335, 341, 361; Parke Co., (W) 6269; Perry Co., (W) 6357; St. Joseph Co., (P) 250.

Lophocolea heterophylla (Schrader) Dum. Jennings Co., (W) 6331; Kosciusko Co., (W) 5871; Laporte Co., (P) 333; Martin Co., (W) 6324, 6325, 6326; Owen Co., (W) 6328; Parke Co., (W) 5836, 5868, 5869, 6274, 6289, 6294, 6307, 6314; Perry Co., (W) 6351, 6355, 6358; Pike Co., (W) 6365; Porter Co., (F) 1000216, 1000221, 1000222, 1000223.

Lophocollea minor Nees. Lake Co., (F) 463754, 463770; St. Joseph Co., (P) 249.

Chiloscyphus pallescens (Ehrh) Dum. Parke Co., (W) 6711; St. Joseph Co., (P) 247.

Geocalyx graveolens (Schrad) Nees. Carroll Co., (W) 5844, 5845; Madison Co., (W) 5830, 5831; Parke Co., (R) 220, 228, 231 and (W) 5834, 6270, 6275, 6317, 6321 and (F) 1040197, 1040198.

Jungermannia lanceolata Schrad. Lake Co., (F) 143852.

Jamesoniella autumnalis (DC) Steph. Lake Co., (F) 463760.

Plectocolea hyalina (Lyell) Mitt. Parke Co., (W) 6284 and (R) 225, 229 and (F) 1040195, 1040199.

Plectocolea crenuliformis (Aust) Mitt. Parke Co., (W) 6272, 6280, 6290, 6311, 6321.

**Plectocolea fossombronioides* (Aust) Mitt. Parke Co., (F) 1040196 and (R) 224, 231.

Plagiochila asplenoides (L) Dum. Fountain Co., (W) 6340; Lake Co., (F) 463759; Martin Co., (W) 6324; Parke Co., (R) 228 and (W) 6297, 6305, 6322 and (F) 1040197.

Diplophyllum apiculatum (Evans) Steph. Fountain Co., (W) 6341, 6346; Parke Co., (R) 217 and (W) 6279 and (F) 1040194.

Scapania nemorosa (L) Dum. Parke Co., (R) 220, 221, 224 and (W) 6283, 6284, 6300, 6301, 6315, 6319, 6320 and (F) 1040196, 1040198, 1040201; Perry Co., (W) 6352.

Porella platyphylloidea (Schwein) Lindb. Carroll Co., (W) 5841, 5843, 5846, 5850; Delaware Co., (W) 5826, 5828; Lawrence Co., (W) packet number 6793; Henry Co., (W) 6338; Jefferson Co., (W) 6336; Madison Co., (W) 5832; Parke Co., (W) 6287, 6310; Spencer Co., (W) 6363; Pike Co., (W) 6364; Porter Co., (F) 1000214; St. Joseph Co., (P) 251.

Porella platyphylla (L) Lindb. Laporte Co., (P) 334; Parke Co., (W) 6298; Porter Co., (F) 463707, 1000217.

Radula complanata (L) Dum. Jennings Co., (W) 6329; Parke Co., (W) 6295, 6298.

**Frullania inflata* Gottsche. Henry Co., (W) 6339; Parke Co., (W) 6308; Perry Co., (W) 6357, 6354; Warren Co., (W) 6347.

Frullania eboracensis Gottsche. Carroll Co., (W) 5841, 5843; Delaware Co., (W) 5827, 5867, 5837; Harrison Co., (W) 6332; Lake Co., (F) 463709; Laporte Co., (P) 332; Parke Co., (R) 226 and (W) 6286 and (F) 1040193; Spencer Co., (W) 6360, 6362.

**Leucolejeunea clypeata* (Schwein) Evans. Parke Co., (R) 232 and (W) 6285.

Cololejeunea Biddlecomiae (Aust) Evans. Jennings Co., (W) 6330.

Pellia epiphylla (L) Corda. Delaware Co., (W) 5838.

**Pellia Fabroniana* Raddi. Elkhart Co., (P) 338; Lake Co., (F) 463758.

**Pallavicinia Lyellii* (Hook) S. F. Gray. Parke Co., (R) 227 and (F) 1040200.

**Metzgeria conjugata* Lindb. Parke Co., (R) 218 and (W) 6288, 6293, 6296, 6303, 6304, 6305, 6307, and (F) 1040192.

Marchantia polymorpha L. Delaware Co., (W) 5870; Jefferson Co., (W) 6334; Parke Co., (W) 6281, 6312; Porter Co., (F) 1044300.

Conocephalum conicum (L) Dum. Carroll Co., (W) 5847; Fountain Co., (W) 6344, 6345; Lake Co., (F) 463863; Laporte Co., (P) 342; Madison Co., (W) 5829; St. Joseph Co., (P) 248; Sullivan Co., (W) 6349.

Reboulia hemisphaerica (L) Raddi. Parke Co., (W) 6276, 6282, 6309.

Asterella tenella (L) Beauv. Jennings Co., (W) 6337; Martin Co., (W) 6323, 6324; Parke Co., (W) 6318; Sullivan Co., (W) 6348.

Ricciocarpus natans (L) Corda. Lake Co., (F) 223482, 463826; Laporte Co., (F) 960587; Porter Co., (F) 908236.

Riccia fluitans L. Laporte Co., (P) 343; Putnam Co., (F) 1062369.

Riccia arvensis Aust. Delaware Co., (W) 5833.