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Author(s): E C Leonard, M E Pierce

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PROCEEDINGS  
OF THE  
BIOLOGICAL SOCIETY OF WASHINGTON

NATURAL HISTORY OF PLUMMERS ISLAND,  
MARYLAND.

VII. HEPATICAE.<sup>1</sup>

BY E. C. LEONARD AND M. E. PIERCE.



The present list contains 18 species of hepatics from Plummers Island, Montgomery County, Maryland, and the adjacent "mainland" property of the Washington Biologists' Field Club. Three of them, marked with an asterisk, are known at present only from the mainland. Dr. A. W. Evans of Yale University has assisted in the identification of some specimens.

RICCIACEAE.

*Riccia crystallina* L. Muddy shore of river.

*Riccia fluitans* L. Floating. Rare.

*Riccia sullivantii* Austin. Flood-swept land along channel.

*Ricciocarpus natans* (L.) Corda. Floating in channel near Island shore.  
One record.

REBOULIACEAE.

*Asterella tenella* (L.) Beauv. On rocks; also on soil of abandoned garden on mainland.

RICCARDIACEAE.

*Metzgeria conjugata* Lindb. Shaded rocks and cliffs.

LOPHOZIACEAE.

*Lophocolea heterophylla* (Schrad.) Dumort. On decayed branches and in soil at base of trees.

CEPHALOZIACEAE.

\**Cephalozia connivens* (Dicks.) Lindb. Moist bank. One record.

<sup>1</sup>The following numbers of this series have been published previously: I (Introduction), Proc. Biol. Soc. Wash. 48 : 115-117. 1935; II (Flowering plants and ferns), *op. cit.* 118-134; III (Mosses), *op. cit.* 135-137; IV (Birds), *op. cit.* 159-167; V (Fungi), *op. cit.* 49 : 123-131. 1936; VI (Reptiles and Amphibians), *op. cit.* 50 : 137-139. 1937.

PORELLACEAE.

- Porella pinnata* L.' On rocks subject to inundation.  
*Porella platyphylla* (L.) Lindb. On tree trunks and logs.

LEJEUNEACEAE.

- Leucolejeunea clypeata* (Schwein.) Evans. On rocks.  
\**Cololejeunea biddlecomiae* (Austin) Evans. Rock outcrop. Rare.  
*Frullania asa-grayana* Mont. On rocks, rarely on trees. Common.  
*Frullania brittoniae* Evans. On tree trunks. One record.  
*Frullania eboracensis* Gottsche. On tree trunks. Common.  
*Frullania inflata* Gottsche. On rocks and occasionally on red cedar.  
Common.  
*Frullania squarrosa* (Nees) Dumort. On tree trunks. Occasional.

ANTHOCEROTACEAE.

- \**Anthoceros laevis* L. Grassy field of farmland. One record.