

THE MACHRIS BRAZILIAN EXPEDITION<sup>1</sup>

BOTANY: Hepaticae

By MARGARET FULFORD<sup>2</sup>

The Hepaticae listed below were collected by Expedition Botanist E. Yale Dawson in the vicinity of the two principal camps in central Goiás at the end of the rainy season of 1956. He has presented detailed locality data, according to his field collection numbers which are here cited with each determination, in paper number 2 of this series.<sup>3</sup> Briefly, however, numbers 14311 through 14807 came from the Chapada dos Veadeiros, April 17-May 3, and 14848 through 15213 from the vicinity of the Serra Dourada, May 5-June 3. The first set of specimens is deposited in the Herbarium of the Los Angeles County Museum. Some duplicates are in the private collection of the writer.

Leafy Forms

- Bryopteris filicina* (Sw.) Nees 14734  
*Euosmolejeunea clausa* (Nees & Mont.) Evans 14856  
*Frullania brasiliensis* Raddi 14743 p.p.  
*Frullania riojaneirensis* (Raddi) Spr. 14340  
*Frullania squarrosa* (R. Bl. & N.) Num. 14317 p.p.; 14807  
*Heteroscyphus amphibolius* (Nees) Schiffner 14311b, c, d  
*Lejeunea flava* (Sw.) Nees 14311  
*Lophocolea coadunata* (Sw.) Nees 14311 p.p.; 14313 p.p.  
*Lophocolea* sp. 15183  
*Lopholejeunea muelleriana* (G.) Schiffner 14320?; 14327b; 14422

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<sup>2</sup>Department of Biological Sciences, University of Cincinnati, Cincinnati 21, Ohio.

<sup>3</sup>Dawson, E. Yale. 1957. The Machris Brazilian Expedition. Botany: General. Los Angeles Co. Mus. Contr. Sci (2):1-20.

- Lopholejeunea* sp. 14320  
*Mastigolejeunea auriculata* (Wils. & Hook.) Spr. 14316b; 14807 p.p.  
*Microlejeunea* sp. 14322 The specimens are sterile.  
***Microlepidozia verrucosa*** (Stephani) comb. nov. (*Lepidozia verrucosa* Stephani, Hedwigia 24:167. Tab IV. 1885) 14311 p.p.; 14315a  
*Odontoschisma falcifolium* Steph. 14311 p.p.  
*Odontoschisma glaziovii* Steph. 14315a p.p.; 14420  
*Plagiochila aliena* G. 14317 p.p.; 14320a p.p.; 14343; 14422 p.p.  
*Plagiochila* sp. 14316b p.p.  
*Porella* sp. (probably *P. swartziana* (Web.) Ldbg.) 14320 p.p.  
*Prionolejeunea* sp. 14852; 14857; 14858; 14894 p.p. The plants are sterile.  
*Psiloclada brasiliensis* Steph. 14654 This species is known from only a few collections in South America.  
*Radula andicola* Steph. 14350  
*Radula* sp. (probably *R. arsenii* Steph.<sup>4</sup>) 14317; 14418  
*Radula korthalsii* Steph.<sup>4</sup> 14323; 14346b  
*Radula* sp. 14807 p.p.; 14934  
*Stylolejeunea pililoba* (Spr.) Evans 14316b p.p.

#### Thalloid Forms

- Anthoceros* sp. 14747 Spores not mature.  
*Fossombronia* sp. 14411 (♀); 15179; 15184  
*Riccardia* sp. 14654 p.p.; 14853  
*Riccia* sp. (probably) 15184 p.p.  
*Symphyogyna brasiliensis* Nees 14654 p.p.; 14894

<sup>4</sup>Determination by Dr. H. Castle, Yale University.