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## A note on a small collection of bryophytes from São Miguel, Azores

by C. E. BROWN and E. V. WATSON

The bryophytes in the list that follows were collected by Miss Rosemary WATSON on São Miguel in August, 1961. The list contains nothing new for the Azores as a whole, but some localities represent extensions beyond those listed by P. ALLORGE and V. ALLORGE in their full accounts of Azores bryophytes (1950, 1952).

### Musci:

- *Atrichum undulatum* P. Beauv. — Lake Furnas.
- *Polytrichum aloides* Hedw. — Lake Congro; Ilheu, an island off Vila Franca.
- *Fissidens asplenioides* (Sm.) Hedw. — Wall, streamside and garden habitats, Vila Franca and Lake Furnas. Det. V. Allorge.
- *Fissidens taxifolius* Hedw. — Vila Franca; Lake Furnas.
- *Fissidens serrulatus* Brid. — Lake Congro. Det. V. Allorge.
- *Campylopus polytrichoides* De Not. — Vila Franca, and on adjacent island (Ilheu). (Det. V. Giacomini).
- *Leucobryum glaucum* (Hedw.) Schp. — Lake Congro.
- *Trichostomum brachydontium* Bruch — Vila Franca, and on adjacent island (Ilheu).
- *Grimmia subsquarrosa* Wils. — Near Vila Franca, on walls c. 1 km from sea.
- *Grimmia azorica* Ren. & Card. (*G. trichophylla* Grev. subsp. *azorica* (Ren. & Card.) in Bull. Herb. Boissier, 1902, p. 450, *nomen nudum*). — Garden, Vila Franca (Det. V. Allorge as almost certainly this).
- *Bryum canariense* Brid. — Near Vila Franca, on walls c. 1 km from sea.
- *Mnium hornum* Hedw. — Lake Furnas.
- *Philonotis marchica* (Hedw.) Brid. var. *tenuis* Boul. — Lake Congro. (Det. H. Persson).
- *Ptychomitrium nigricans* (Kuntze) Br. eur. — Near Vila Franca, on walls c. 1 km from sea.
- *Zygodon viridissimus* (Dicks.) R. Br. — Same site as last species.
- *Neckera crispa* Hedw. — Lake Congro.
- *Thamnum alopecurum* (Hedw.) B. & S. — Lake Congro.
- *Thuidium lamuriscinum* (Hedw.) B. & S. — Same habitat as last.
- *Echinodium renauldii* (Card.) Brid. — Also from the wooded crater habitat, Lake Congro.

- ✓ *Tetrastichium fontanum* (Mitt.) Card. — Wooded side of crater, Lake Congro. — All Lake Congro material was from this crater.
- ✓ *Acrocladium cuspidatum* (Hedw.) Lindb. — Vila Franca.
- ✓ *Eurhynchium striatum* (Hedw.) Schp. emend. Størmø. — Lake Congro.
- ✓ *Eurhynchium praelongum* (Hedw.) Hook. — Lake Furnas.
- ✓ *Eurhynchium swartzii* (Turn.) Curn. — Vila Franca.
- ✓ *Sematophyllum substrumulosum* (Hampe) Broth. — On wood, side of crater, Lake Congro. Det. V. Allorge.
- ✓ *Hypnum canariense* Mitt. — Lake Congro. Det. V. Allorge.
- ✓ *Hypnum cupressiforme* Hedw. var. *uncinatum* Boul. — Garden, Vila Franca. Det. H. Doignon. 27

#### Hepaticae:

- ✓ *Conocephalum conicum* (L.) Dum. — Moinha de Agua; Lake Congro.
- ✓ *Corsinia marchantioides* Raddi — Garden c. 1 km from sea, Vila Franca. Det. V. Allorge.
- ✓ *Riccardia multifida* (L.) S. F. Gray. — Lake Congro.
- ✓ *Fossombronia angulosa* (Dicks.) Raddi — Lake Furnas.
- ✓ *Calypogeia fissa* (L.) Raddi — Lake Congro.
- ✓ *Radula complanata* (L.) Dum. — Lake Congro.
- ✓ *Radula lindbergiana* Gottsche — By stream, c. 1 km from sea, Vila Franca. Det. V. Allorge.
- ✓ *Marchesinia mackaii* (Hook.) Gray. — With the last species. 8

We would acknowledge gratefully the kind help we have received from Mme V. ALLORGE. We would also thank Professor V. GIACOMINI, Professor H. PERSSON, Dr. H. DOIGNON and Mr. STANLEY GREENE for giving opinions on particular specimens.

#### REFERENCES

- ALLORGE (P. et V.). 1950. — Hépatiques récoltées par P. et V. ALLORGE aux îles Açores en 1937 (*Rev. Bryol. et Lichénol.*, 19, 96-118).
- ALLORGE (P. et V.). 1952. — Mousses récoltées par P. et V. ALLORGE aux îles Açores en 1937 (*Rev. Bryol. et Lichénol.*, 21, 59-95).
- LEUSIER (A.). — Les Mousses de l'Archipel de Madère et en général des îles Atlantiques (*Botanica*, 1927-1945, 308 pp.).

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