

### 13. LIST OF DIEGO GARCIA BRYOPHYTA

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The mosses collected by Mr. Rhyne were entrusted to Harold Robinson (Smithsonian Institution) for determination, and those collected by Dr. Stoddart to C. C. Townsend (Twickenham, Middlesex, England); subsequent consultation took place and material of all gatherings is preserved at the Smithsonian Institution and in Townsend's private herbarium. Stoddart's material is also represented at the British Museum (Natural History).

Only one moss appears to have been previously recorded from Diego Garcia. Mitten described Calymperes garciae as new to science in Hemsley (1887, 239). This paper was apparently unknown to the compilers of the "Index Muscorum", as C. garciae is listed therein as a nomen nudum. The type of this species is at Kew.

#### CALYMPERACEAE

##### Calymperes garciae Mitt.

Northwest Point, camp area, damp area with dim light. Common over fallen Cocos trees, 15 July 1967, Rhyne 435; Cust Point, on old coconut husks, Stoddart 839, and on the lower trunk of a living coconut, Stoddart 840.

C. garciae is very close to C. tenerum, but differs in the denticulate margin of the expanded leaf base, and in the form of the cells between the cancellinae and the leaf margin. In C. garciae these are longer, with the corners scarcely thickened; in C. tenerum they are rather short, with corners very much more incrassate than those of the upper cells of the leaf.

##### Calymperes tenerum C. M.

Northwest Point, camp area, 13 June 1967, Rhyne 386.

##### Syrrhopodon revolutus Doz. and Molk. (incl. S. microbolaceus C.M. ex Kindb.)

Minni Minni, moss two inches thick on rotten tree trunk, 12 July 1967, Stoddart 826.

#### BRYACEAE

##### Bryum coronatum Schwaegr.

South rim of atoll, east side, moss on dry sand surface, 18 July 1967, Stoddart 852.

Without capsules, but female flowers present. The excurrent nerve, apparently dioicous inflorescence and long perichaetium, as well as the areolation, all seem to indicate this pantropical moss. Brachymenium indicum is excluded by its synoicous inflorescence.

REFERENCE

Hemsley, W. B. 1887. Report on the vegetation of Diego Garcia. J. Linn. Soc. Bot. 22: 332-340.