

This species in its habit is intermediate between the species with and without stipes, some of its fronds being stipitate, others are as if indefinite; the foliaceous expansion is irregularly sinuate. In this particular it approaches the *Symphyogyna sinuata* (Sw.), which extends from the West Indian Islands to South Chili, whence also have come specimens of *Symphyogyna hymenophyllum*.¹

Marchantia berteriana, Lehm. et Lindb.

Marchantia berteriana, Lehm. et Lindb. in G. L. et N. Synop. Hepat., p. 525.

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Originally described from Bertero's specimens. It resembles *Marchantia polymorpha* when in that state in which the dark vein-like marking in the middle of the fronds is wanting, but is more robust than usual in British forms.

Also in Chili.

FUNGI.

No fungi were collected in Juan Fernandez by Mr Moseley, or at least none came to hand.

LICHENES.²

Leptogium azureum, Mont.

Leptogium azureum, Mont., Cuba. Crypt., p. 114, et in Gay, Fl. Chil., viii. p. 224; Crombie in Journ. Linn. Soc. Lond., xvi. p. 223; Nyl., Synopsis Lich., i. p. 125.

JUAN FERNANDEZ. *Moseley*.

Nylander (*loc. cit.*) places this as a variety of the almost cosmopolitan *Leptogium tremelloides*.

¹ The genus *Umbraculum*, Gottsche, *Bot. Zeit.*, 1861, p. 1-3, and *Ann. Sci. Nat.*, 5ième. sér., t. 1, 1865, p. 180, of which the type is *Jungermannia flabellata*, Hook., *Musc. Exot.*, t. 13, is represented in the Bogotian Andes by *Umbraculum andinum*, Mitt., n. sp., stipite in frondem semicircularem flabellatim expanso, divisionibus tri-quaterne dichotomis integerrimis, squama involucrale rotundata denticulata, calyptra cum perianthio cylindraco basin versus concreta. Stipes 1.50 cm., ala nulla, frondo 1 cm. lata divisionibus 1-1.50 mm. latis, perianthium 2 mm. longum infra squamam involucralem carnosulum.

Other species referred to this genus are *Umbraculum mulleri*, Gottsche, from Australia; *Umbraculum leptopoda*, Tayl., from New Zealand; *Umbraculum decipiens*, Mitt. (*Steetzia*), from Ceylon. All these differ from *Symphyogyna* in having a perianth, as in *Palavicinia* = *Steetzia*, G. L. et N. Synop. Hepat., p. 785. In another Andean species, *Umbraculum erythropus*, Gottsche in *Ann. Sci. Nat.*, 5ième. sér., t. 1 (*Mittenia*).

The calyptra being concrete with the perianth towards its base, was thought by Gottsche to be worthy of distinction as a generic character; but as this condition certainly occurs in some others of the species referred to *Umbraculum*, it seems hardly of sufficient importance. *Umbraculum erythropus*, in its fronds having their lobes dentate, nearly resembles *Symphyogyna hymenophyllum*, Hook.

² Limited to those collected by Mr Moseley.