

CRYPTOGAMÆ.—CELLULARES.

MUSCI.¹

Dicranella (*Campylopodium*) *ascensionica*, Mitt.

Dicranella (*Campylopodium*) *ascensionica*, Mitt. in Melliss's St Helena, p. 357.

ASCENSION.—Endemic. *Seemann*; *Moseley*.

This species, which seems to replace the *Dicranella proscripta* of St Helena, is a little less robust and quite distinct in its leaves.

Campylopus introflexus, Mitt.

Dicranum introflexus, Hedw., Sp. Musc., p. 147, t. 29; C. Müll., Synop. Musc. Frond., i. p. 405.

ASCENSION. *Moseley*.

A widely dispersed moss.

Campylopus helenicus, Mitt.

Dicranum helenicus, C. Müll., Synop. Musc. Frond., ii. 599.

ASCENSION. *Moseley*.

Barren specimen with *Mastigophora leioclada*; determination uncertain, but the leaves correspond very nearly to the St Helena specimens.

Calymperes (*Hyophilina*) *pulvinatum*, Mitt.

Calymperes (*Hyophilina*) *pulvinatum*, Mitten, n. sp.

Cæspitosum, caulibus simplicibus foliis ambitu elongati lanceolatis fere ad medium erectis, et e cellulis hyalinis areolatis, inde patentibus apicibus acutiusculis vel nervo concolori dorso scabro in receptaculo gemmifero producto terminatis, margine crenulatis, limbo pallidiore infra apicem evanescente, cellulis minutis obscuris dorso minute papillosis areolatis.

ASCENSION.—Growing in a tufted manner on decayed wood; barren—*Moseley*.

The stems of this moss vary in the specimens from 1 cm. to 3 cm. in length, but as the foliage is not densely inserted they appear rather slender from the foliage shrinking very much when dry. In the size of the moss and in its leaves it comes near to *Calymperes moluccense*, but the erect lower part of the leaf is longer, although the vanishing limb is similar. From the African *Calymperes afzelii* it differs greatly in the outline of the leaf as well as in the papillation of its cells and scabrous nerve.

¹ By W. Mitten, A.L.S., with a few additional names from other sources.