

Rhacopilum gracile, Mitt.*Rhacopilum gracile*, Mitt, n. sp.

Caulibus ramulosis laxe cæspitosis gracilibus, foliis ut plurimis assurgentibus patentibus ovali-lanceolatis nervo viridi in aristam viridem lævem producto margine apicem versus minutissime crenulatis vel integerrimis, cellulis parvis ovali-rotundis distinctis areolatis, foliis stipulæformiibus minoribus lanceolato-subulatis.

Caulis inferne radiculosus. Folia viridia humida vix disticha sed patentia concava, sicca appressa.

ASCENSION. *Moseley*.

Differs from *Rhacopilum africanum*, Mitt., and from *Rhacopilum mucronatum*, Beauv., in the leaves not being distichously explanate, in the areolation composed of more distinct cells as well as in the more slender state of the entire moss.

A. Richard (Sertum Astrolabianum, pp. 51-52) enumerates the following mosses from Ascension:—*Dicranum filiforme*, P. Beauv. (*Dicranum capillaceum*, Bridel), *Dicranum fragile*, Hook., *Hypnum*?, *Bartramia*?, *Barbula flexuosa*, Bridel, and *Barbula atlantica*?, Bridel; and brief diagnoses of the following proposed new species of mosses from Ascension are published by Karl Müller in Engler's Botanische Jahrbücher (1884), v. pp. 83 and 84: *Bryum* (*Eubryum*) *zygodontoides*; *Bryum* (*Apalodictyon*) *rubro-costatum*; *Bryum* (*Argobryum*) *argentatum*; *Dicranum* (*Campylopus*) *naumanni*; *Bartramia* (*Philonotula*) *subolescens*; *Calymperes* (*Hyopholina*) *ascensionis*; *Barbula* (*Hyophiladelphus*) *leucochlora*; *Barbula* (*Hyophiladelphus*) *cuspidatissima*; *Rhacopilum naumanni*; *Hookeria* (*Callicostella*) *ascensionis*.

These mosses were collected by Dr Naumann, who was attached to the Prussian "Gazelle" Transit Expedition.

HEPATICÆ.

Jungermannia biapiculata, Tayl.

Jungermannia biapiculata, Tayl. in Hook. Lond. Journ. Bot., 1845, p. 81; G. L. et N., Synop. Hepat., p. 666.

ASCENSION.—Endemic. *Hooker*.**Jungermannia (Fegatella) limbata, Tayl.**

Jungermannia (Fegatella) limbata, Tayl. in Hook. Lond. Journ. Bot., 1845, p. 95.

ASCENSION.