

Bartramia (Glyphocarpus) marionensis, Mitt.*Bartramia (Glyphocarpus) marionensis*, Mitt., n. sp.*Bartramia quadrata*, Mitt. in Journ. Linn. Soc. Lond., xv. p. 70, non Hook.

Habitus staturaque *Bartramia quadrata* foliorum areolatione autem e cellulis brevioribus latioribusque, sicca et humida rigida, nitida.

MARION ISLAND. *Moseley*.

This small species, with plumose foliage, closely resembles *Bartramia quadrata*, but on a close comparison it is found to have its leaf-cells wider, and only half as long; they are, in fact, two or three times longer than wide, whilst in *Bartramia quadrata* they are six times longer than wide. *Bartramia quadrata* and *Bartramia capensis* formed the genus *Glyphocarpus* of Brown; they differ from the *Bartramidula* of Schimper in their stiff foliage, but too little is known of these species to form an opinion of their affinities; they seem to show some approximation to *Breutelia* rather than to *Philonotis*.

Bartramia (Breutelia) dumosa, Mitt.*Bartramia (Breutelia) dumosa*, Mitt. in Journ. Linn. Soc. Lond., xii. p. 267, et xv., p. 70.MARION ISLAND.—Sterile—*Moseley*.

The original specimens of this species, collected by Sir J. D. Hooker in Hermite Island, have the seta about half an inch long, and in this agree exactly with those from Marion Island, and differ from the *Bartramia chilensis*, Lorentz, which has a seta from one to one and a half inches long—a small difference, but it enables them to be distinguished at sight. This was overlooked at the time the Flora Antarctica was published.

Bryum pendulum, Hornsch.*Bryum pendulum*, Hornsch.; Jäger, Gen. et Sp. Musc., i. p. 145; Mitt. in Journ. Linn. Soc. Lond., xv. p. 70.MARION ISLAND.—Without fruit—*Moseley*.**Bryum lævigatum, Hook. f. et Wils.***Bryum lævigatum*, Hook. f. et Wils., Fl. Antarct., p. 415, t. 154, fig. 3; Mitt. in Journ. Linn. Soc. Lond., xv. p. 70.MARION ISLAND.—Also sterile, but in fine state—*Moseley*.**Mielichhoferia tenuiseta, Mitt.***Mielichhoferia tenuiseta*, Mitt. in Journ. Linn. Soc. Lond., xv. p. 70 (*nomen tantum*).MARION ISLAND.—In luxuriant growth, with immature fruit—*Moseley*.