

Plagiothecium antarcticum, Mitt.

Plagiothecium antarcticum, Mitt. in Journ. Linn. Soc. Lond., xv. p. 71.

Monoicum, cæspitosum, ramis ascendentibus. Folia compressa, subfalcata, nitida, caulina ovata, acuminata, integerrima, enervia, ramea ovato-lanceolata, tenuiter acuminata, subenervia, omnia basi subcordata, cellulis angustis elongatis areolata; perichætialia convoluta, late ovata, breviter acuminata. Theca in pedunculo elongato rubro, ovalis, inæqualis suberecta inclinatave, operculo breviter conico, peristomii interni ciliis in unum coalitis, inter processos carinatos dentium longitudinis impositis in membranam usque ad dimidiam dentium longitudinem insidentibus.

Habitus adpectusque omnino *Plagiothecii pulchelli*, foliis autem basi ad insertionem subcordatim dilatatis.

MARION ISLAND. *Moseley*.

Stereodon cupressiformis, Linn. (*Hypnum*).

Stereodon cupressiformis, Linn. (*Hypnum*); Mitt. in Journ. Linn. Soc. Lond., xv. p. 71.

MARION ISLAND.—A few barren stems—*Moseley*.

Acrocladium politum, Mitt.

Acrocladium politum, Hook. f. et Wils., Fl. Antarct., p. 416, t. 154, fig. 2 (*Hypnum*); Mitt. in Journ. Linn. Soc. Lond., xv. p. 71.

MARION ISLAND.—Small fragments attached to the lower parts of *Grimmia lanuginosa*—*Moseley*.

Amblystegium decussatum, Mitt.

Amblystegium decussatum, Hook. f. et Wils., Fl. N. Zeal., ii. t. 90, fig. 2 (*Hypnum*); Mitt. in Journ. Linn. Soc. Lond., xv. p. 72.

MARION ISLAND.—A slender state, unlike the larger New Zealand forms; but the substance of the leaves is not different—*Moseley*.

Hypnum (*Brachythecium*) subpilosum, Hook. f. et Wils.

Hypnum (Brachythecium) subpilosum, Hook. f. et Wils., Fl. Antarct., p. 418, t. 154; Mitt. in Journ. Linn. Soc. Lond., xv. p. 72.

MARION ISLAND.—Without fruit—*Moseley*.

Eustichia longirostris, Mitt.

Eustichia longirostris, Mitt. in Journ. Linn. Soc. Lond., xii. p. 603, et xv. p. 72.

MARION ISLAND.—Barren—*Moseley*.

Psilopilum australe, Mitt.

Psilopilum australe, Hook. f. et Wils., Fl. N. Zeal., ii. t. 87, fig. 6 (*Polytrichum*); Mitt. in Journ. Linn. Soc. Lond., xv. p. 72.

MARION ISLAND.—Male plants only—*Moseley*.