

**Mielichhoferia longiseta**, C. Müll.

*Mielichhoferia longiseta*, C. Müll., Synopsis Musc. Frond., i. p. 236 ; Mitt. in Journ. Linn. Soc. Lond., xii. p. 321.

JUAN FERNANDEZ. *Moseley*.

Andes of Peru and Ecuador, at altitudes of 10,000 to 11,000 feet.

**Rhacopilum tomentosum**, Brid.

*Rhacopilum tomentosum*, Brid., Bryol. Univ., ii. p. 719 ; Mitt. in Journ. Linn. Soc. Lond., xii. p. 333.

*Hypnum tomentosum*, Hedw., Musc. Frond., iv. p. 48, t. 19.

*Hypopterygium tomentosum*, C. Müll., Synopsis Musc. Frond., ii. p. 12.

JUAN FERNANDEZ.—In young fruit—*Moseley*. It was also gathered in abundance by Mr W. Saunders' collector, and lived for some years as a weed in Mr Mitten's garden on the earth under ferns, but did not fruit.

West Indies and Equinoctial America.

**Lepidopilum splendidissimum**, Mitt.

*Lepidopilum splendidissimum*, Mitt. in Journ. Linn. Soc. Lond., xii. p. 378.

*Hookeria splendidissima*, Montagne in Ann. Sc. Nat., sér. 2, iv. p. 97 ; C. Müll., Synopsis Musc. Frond., ii. p. 203 ; Schwägr., Suppl., iv. t. 320.

JUAN FERNANDEZ. *Bertero* ; *Moseley*.

Also in Chili and Peru.

This beautiful moss Montagne distributed under the name of *Lamprophyllum splendidissimum*, but it does not appear that any notice was taken of this name in his printed works.

**Pterygophyllum denticulatum**, Mitt.

*Pterygophyllum denticulatum*, Mitt. in Journ. Linn. Soc. Lond., xii. p. 397.

*Hookeria dentata*, Hook. f. et Wils. in Hook. Lond. Journ. Bot., iii. p. 550 ; Hook. f., Fl. Antarct., in t. 62, fig. 2 (*denticulata*) ; C. Müll., Synopsis Musc. Frond., ii. p. 203.

JUAN FERNANDEZ.—Small blackened barren stems amongst moss—*Mr W. Saunders' collector*.

Also in Hermite, Falkland, and Auckland Islands.

In the representation cited of this species, fig. 4 represents the leaf of the medial series ; fig. 3, the intermedial. The oblong lateral leaf is not shown. It is double the length of the others, as is usual in the species of this and many other *Hookeria*. *Pterygophyllum*