

Ptychomnion aciculare, Mitt.

Ptychomnion aciculare, Mitt. in Journ. Linn. Soc. Lond., xii. p. 536.

Hypnum aciculare, Bridel, Musc. Recen., ii. 2, p. 158, t. 5, fig. 2; C. Müll., Synopsis Musc. Frond., ii. p. 441.

JUAN FERNANDEZ. *Moseley*.

The specimens which have young fruit belong to that larger form of the species which is also found in South Chili and in the districts adjoining Magellan Strait, the stems and foliage are double the size of those structures found on the species in New Zealand and elsewhere, and it may possibly prove to be a distinct species. The ordinary state of *Ptychomnion aciculare* was gathered in Juan Fernandez by Bertero, and it grows also in Chili.

Hypnum (Rhynchostegium) tenuifolium, Hedw.

Hypnum (Rhynchostegium) tenuifolium, Hedw., Sp. Musc., p. 283, t. 75; Mitt. in Journ. Linn. Soc. Lond., xii. p. 552; C. Müll., Synopsis Musc. Frond., ii. p. 348.

JUAN FERNANDEZ.—Abundant specimens gathered by Mr Wilson Saunders' collector, but almost destitute of capsules.

This species is widely spread in the southern hemisphere.

Hypnum berterioanum, Mont.

Hypnum berterioanum, Mont. in Ann. Sci. Nat., sér. 3, iv. p. 89, et Syll. Crypt., p. 6; Gay, Fl. Chil., vi. p. 17; Mitt. in Journ. Linn. Soc. Lond., xii. p. 551.

JUAN FERNANDEZ. *Moseley*.

Collected in Chili by Bertero and Poeppig, but unknown from any other part of the world.

Hypnum toxarion, Schwägr.

Hypnum toxarion, Schwägr., Suppl., i. 2, p. 283; Müll., Synopsis Musc. Frond., ii. p. 446; Mitt. in Journ. Linn. Soc. Lond., xii. p. 557.

JUAN FERNANDEZ.—Collected by Douglas and Mr W. Saunders' collector; both specimens barren.

It seems to be abundant in Chili and Chiloe, where it has been gathered in fruit by Lechler, King, and Lobb.

Fissidens asplenoides, Hedw.

Fissidens asplenoides, Hedw., Musc. Frond., iii. p. 65, t. 28; C. Müll., Synopsis Musc. Frond., i. p. 69; Mitt. in Journ. Linn. Soc. Lond., xii. p. 591.

JUAN FERNANDEZ. *Bertero*; also among mosses gathered by Mr Wilson Saunders' collector.

This moss is widely diffused in the southern hemisphere, and in America it ranges from the West Indies to Chili.