

Generally diffused in warm countries, and lately collected in St Helena, though it is in none of the earlier collections.

***Polypodium trichomanoides*, Swartz.**

Polypodium trichomanoides, Swartz, Synop. Fil., p. 33; Schk., Krypt. Gewächse, i. p. 11, ii. t. 10;

Hook., Sp. Fil., iv. p. 178; Hook. and Bak., Synop. Fil., p. 326.

β *jungermannioides*, Hook., Sp. Fil., l. c.

Polypodium planiusculum, Mett. ex Kuhn, Fil. Afr., p. 151.

ASCENSION.—The variety is endemic. Amongst moss on the summit of the Green Mountain, 2800 feet—*Hooker*.

We have only seen the specimens collected by Sir Joseph Hooker, but Kuhn records Hannemann as having collected the plant. Typical *Polypodium trichomanoides* has a wide range in Tropical Asia and America and in Polynesia. The Ascension plant wants the conspicuous hairs of the type.

***Gymnogramme ascensionis*, Hook.**

Gymnogramme ascensionis, Hook., Sp. Fil., v. p. 137; Hook. and Bak., Synop. Fil., p. 383; Hook., 2d Cent. Ferns, t. 67.

Grammitis ascensionis, Hook., Ic. Pl., t. 967.

ASCENSION.—Endemic. Wet rocks and banks on the weather side of the Green Mountain, 1200 to 1800 feet—*Hooker*; without locality—*Moseley*.

MARATTIACEÆ.

***Marattia purpurascens*, De Vriese.**

Marattia purpurascens, De Vriese, Monogr. Marat., p. 7, t. 3, fig. 19, t. 4, fig. 19; Kuhn, Fil. Afr., 175; Hook., Fil. Exot., t. 65; Hook. and Bak., Synop. Fil., p. 441, under *Marattia fraxinea*.

Marattia ascensionis, J. Sm., Cat. Cult. Ferns, p. 79.

Marattia cristata, J. Sm., Cat. of Kew Ferns, p. 8.

ASCENSION.—Endemic. Very rare on the weather side of the Green Mountain, near the summit—*Hooker*; without locality—*Seemann*; *Moseley*.

Perhaps only a stunted state of *Marattia fraxinea*, Sm., which is common in Tropical and South Africa, in Tropical Asia and Polynesia, southward to New Zealand.

OPHIOGLOSSACEÆ.

***Ophioglossum vulgatum*, Linn.**

Ophioglossum vulgatum, Linn., Sp. Pl., ed. 1, p. 1062; Hook. and Bak., Synop. Fil., p. 445.

ASCENSION.—Indigenous. Without locality—*Dr Murphy*.

This plant covers nearly the whole area of fern distribution. The variety found in Ascension has narrow fronds, and is quite unlike that from St Helena and Tristan da Cunha.