

Polypodium punctatum, Thunb.

- Polypodium punctatum*, Thunb., Fl. Jap., p. 337; Hook. and Bak., Synop. Fil., p. 312 (*β rugulosum*).
Polypodium (Phegopteris) rugulosum, Labill., Fl. Nov. Holl., ii. p. 92, t. 241; Hook., Sp. Fil., iv. p. 272; Roxb. in Beatson's St Helena Tracts, p. 318.
Hypolepis punctata, Mett. ex Kuhn, Fil. Afr., p. 120.
Cheilanthes viscosa, Carmich. in Trans. Linn. Soc. Lond., xii. p. 511.
Polypodium villosiviscidum, Thouars, Esquisse Fl. Trist., p. 33.

TRISTAN DA CUNHA.—In the wood, rather common—*Carmichael*; without locality, or other remarks—*Thouars*.

This species, as limited by Hooker and Baker, and by Kuhn, has a very wide area of distribution in South America; in Asia, from Japan southward; in Australia, and in New Zealand, and it is also found in Madagascar, Bourbon, Fernando Po, and St Helena, though hitherto it has not been detected on the continent of Africa.

Polypodium (Grammitis) australe, Mett.

- Polypodium (Grammitis) australe*, Mett., Polypod., p. 36; Hook., Sp. Fil., iv. p. 166; Hook. and Bak., Synop. Fil., p. 322; Kuhn, Fil. Afr., p. 146.
Grammitis australis, R. Br., Prodr. Fl. Nov. Holl., p. 146; Carmich. in Trans. Linn. Soc. Lond., xii. p. 510; Hook. f., Fl. Antarctica, i. p. iii. and ii. p. 393.
Grammitis magellanica, Desv., Journ. Bot., iii. p. 275.
Asplenium angustifolium, Jacq., Collect., i. p. 121; Ic. Pl. Rar., t. 199.

TRISTAN DA CUNHA.—On the tableland and rocky borders of the ravines—*Carmichael*.

Southern extremity of America and the neighbouring islands; Australia, as far north as Queensland; New Zealand, and neighbouring islands; and in Marion Island.

Gymnogramme cheilanthoides, Kaulf.

- Gymnogramme cheilanthoides*, Kaulf., Enum. Fil., p. 71; Hook., Sp. Fil., v. p. 135; Hook. and Grev., Ic. Fil., t. 24; Kuhn, Fil. Afr., p. 60.
Grammitis cheilanthoides, Swartz, Synop. Fil., pp. 23, 219, et 419; Carmich. in Trans. Linn. Soc. Lond., xii. p. 510.
Asplenium filipendulæfolium, Thouars, Esquisse Fl. Trist., p. 34, t. 4.
Gymnogramme filipendulæfolia, Desv., Journ. Bot., 1813, p. 25.

TRISTAN DA CUNHA.—Endemic. High on the face of the tableland, and on a detached hill in the middle of the plain—*Carmichael*.

Of this very distinct fern we have only seen the specimens collected by Carmichael. Swartz erroneously, as it would seem, recorded it as a native of the Mauritius, and he has been copied by most subsequent writers. It must be very rare in Tristan da Cunha, or recent travellers would certainly have collected it, as it is exceedingly elegant, and quite different from anything else in the group.