

Polypodium (Grammitis) australe, Mett.

Polypodium (Grammitis) australe, Mett., Polypod., p. 36; Hook., Sp. Fil., iv. p. 167; Hook. and Bak., Synop. Fil., p. 322.

Grammitis magellanica, Desv., Journ. Bot., iii. p. 275, t. 10, fig. 2; Fournier in Comptes rendus, 1875, lxxxii. p. 1140.

AMSTERDAM ISLAND. *De l'Isle.*

Generally diffused in the south temperate zone.

Polypodium serrulatum, Mett.

Polypodium serrulatum, Mett., Polypod., p. 32; Hook., Sp. Fil., iv. p. 174; Hook. and Bak., Synop. Fil., p. 323; Bak., Fl. Maurit., p. 504.

Micropteris serrulata, et *Micropteris orientalis*, Desv. in Mém. Soc. Linn. Par., vi. p. 217.

Xiphopteris serrulata, Kaulf., Enum. Fil., p. 85; Hook., Garden Ferns, t. 44.

Xiphopteris orientalis, Fournier in Comptes rendus, 1875, lxxxii. p. 1140.

AMSTERDAM ISLAND. *De l'Isle.*

Generally diffused in the tropics, and extending into subtropical regions.

This is another fern of which we have seen no specimen from Amsterdam Island, and of which there is a specimen in Kew Herbarium from Bourbon, collected by De l'Isle; hence we think it may have got into Fournier's list by mistake. The distribution of the species, as illustrated in the rich Herbarium at Kew, supports this view, inasmuch as it is not found in extratropical South Africa; and we have seen no specimens of it from extratropical America, unless we include Juan Fernandez. On the other hand, the extraordinary range of *Phylica nitida*, as set forth in our enumeration of the plants of the Tristan da Cunha group, indicates an ancient connection between the vegetation of the Mascarene Islands and that of these southern islands.

Acrostichum succisæfolium, Thouars.

Acrostichum succisæfolium, Thouars, Esquisse Fl. Trist., p. 30; Hook. and Bak., Synop. Fil., p. 408; Fournier in Comptes rendus, 1875, lxxxii. p. 1140.

AMSTERDAM ISLAND.—Abundant at 600 feet—*De l'Isle.*

Previously only known from the Tristan da Cunha group.

Monogramme graminea, Schkuhr.

Monogramme graminea, Schkuhr., Krypt. Gew., p. 82; Hook. and Bak., Synop. Fil., p. 375.

Monogramme linearis, Kaulf., Enum. Fil., p. 196; Fournier in Comptes rendus, 1875, lxxxii. p. 1140; Hook., Sp. Fil., v. p. 122.

AMSTERDAM ISLAND. *De l'Isle.*

Cape of Good Hope, and Mascarene Islands.