

From specimens collected by Mr Downton, and lately presented to the Kew Herbarium by Messrs Veitch, of Chelsea, this species is evidently very variable in the division of the fronds. The ordinary form, like the ordinary form of *Polypodium vulgare*, is simply pinnatifid; there is also a form corresponding to *Polypodium vulgare*, var. *cambricum*, and there are forms with bipinnatifid and almost tripinnatifid fronds, as represented in our Plate.

Polypodium masafueræ, Philippi.

Polypodium masafueræ, Philippi in Linnæa, xxix. p. 107.

MASAFUERA.—Endemic. *Philippi*.

Philippi compares this with a plant which he found on the shore of the Desert of Atacama, and which he proposed naming *Polypodium squamatum*; but that name is occupied by a Linnæan species. There is a specimen of the Atacama plant in the Kew Herbarium, and it is apparently a distinct species allied to *Polypodium plebeium*.

Gymnogramme (Selligiea) elongata, Hook.

Gymnogramme (Selligiea) elongata, Hook., Sp. Fil., v. p. 157; Hook. and Bak., Synopsis Fil., p. 387;

Baker in Mart. Fl. Bras., fasc. xlix., p. 557.

Grammitis elongata, Swartz, Synop. Fil., p. 22.

Drynaria elongata, Fée, Gen. Fil., p. 271; Gay, Fl. Chil., vi. p. 512.

Synammia elongata, Presl, Tent. Pteridogr., p. 212.

Pleopeltis elongata, Kaulf., Enum. Fil., p. 246.

Polypodium elongatum, Mett., Polyp., p. 88.

Grammitis lanceolata, Schkuhr, Fil., p. 9, t. 7.

JUAN FERNANDEZ. *Gay*.

Cuba and Mexico to Brazil and Chili.

Although this is specially recorded in the Synopsis Filicum from Juan Fernandez, we have seen no specimen from the island in the Kew Herbarium, possibly because the sheet to which it was attached had been taken out for the purpose of attaching other specimens.

Nothochlæna chilensis, Hook.

Nothochlæna chilensis, Hook., Sp. Fil., v. p. 112, t. 286; Hook. and Bak., Synopsis Fil., p. 374.

Cincinnatiis chilensis, Fée; Gay, Fl. Chil., vi. p. 497.

JUAN FERNANDEZ.—Endemic. On rocks in hot situations—*Bertero*; *Moseley*.

We have seen only one specimen of this plant, collected by Bertero, and two very stunted ones, by Moseley. It is closely allied to *Nothochlæna nivea*, a native of the Andes from Mexico to Peru.