

Fournier. The form from all the other islands is *Lycopodium clavatum*, Linn., var. *magellanicum*.

Lycopodium cernuum, Linn.

Lycopodium cernuum, Linn.; Spring, Monogr. Lycopod., partie i., p. 79, et partie ii., p. 37; Fournier in Comptes rendus, 1875, lxxxii., p. 1140; Reichardt in Verhandl. d. k. k. zool.-bot. Gesellsch. Wien, xxi., Abhandl. p. 30.

ST PAUL ISLAND.—Near hot springs—*Milne*; *De l'Isle*.

Widely diffused in warm countries, including Ascension and St Helena, though not the Tristan da Cunha group.

Milne (MSS. in Kew Library) states that this grew in soil at a temperature of 114° Fahr.

Lycopodium saururus, Lam.

Lycopodium saururus, Lam., Encycl. Bot., iii. p. 653; Spring, Monogr. Lycopod., partie i., p. 21, et partie ii., p. 6.

Lycopodium insulare, Carmich. in Trans. Linn. Soc. Lond., xii. p. 509; Fournier in Comptes rendus, 1875, lxxxii. p. 1141.

Lycopodium axillare, Roxb. in Beatson's St. Helena Tracts, p. 312.

AMSTERDAM ISLAND.—*De l'Isle*.

Widely dispersed in Africa and America, and occurring in most of the islets from Ascension to Kerguelen.

FILICES.

Gleichenia polypodioides, Sm.

Gleichenia polypodioides, Sm. in Act. Taur., v. p. 419; Hook., Sp. Fil., i. p. 3; Schkuhr., Fil., t. 149; Hook. and Bak., Synop. Fil., p. 11; Kuhn, Fil. Afr., p. 167.

Gleichenia argentea, Kaulf., Enum. Fil., p. 36; Fournier in Comptes rendus, 1875, lxxxii. p. 1141.

AMSTERDAM ISLAND.—Very abundant from an elevation of about 600 feet up to nearly 1650 feet—*De l'Isle*.

Previous to its discovery in Amsterdam Island, this fern was regarded as an endemic African species. It is one of the commoner ferns in South Africa, extending northward to Angola. Fournier records it from Australia, but among the copious specimens of this species at Kew there is none from that country. Indeed, there is not a single species of the subgenus *Eugleichenia* common to Australia and South Africa; and this subgenus is confined to the Old World, while the subgenus *Mertensia* is generally spread in warm countries, *Gleichenia (Mertensia) dichotoma* being almost universal. It is noteworthy that *Gleichenia polypodioides* is the only species of the genus represented in our insular floras from the Bermudas to Kerguelen Island. The Amsterdam specimens collected by De l'Isle have fronds from six to seven inches high.