

Lycopodium cernuum, Linn.

Lycopodium cernuum, Linn., Sp. Pl., ed 2, p. 1566; Swartz, Synop. Fil., p. 178; Bory in Duperr. Voy. "Coquille," Bot. Crypt, p. 246; Spring, Monogr. Lycopod., partie 1, p. 79, partie 2, p. 37; Roxb. in Beatson's St Helena Tracts, p. 311; Pritchard, Cat. St Hel. Pl., p. 19; Kuhn, Fil. Afr., p. 183.

ST HELENA.—Indigenous. On the top of Diana's Peak—*Burchell*, 198; *Hooker*; without locality—*Seemann*; *Morris*, in 1883.

"Plentiful on grassy banks on the high Central Ridge, near Diana's Peak, at 2000 to 2700 feet."—*Melliss*.

Common and generally diffused in the tropics, and extending into the south temperate regions to New Zealand; it also occurs in some of the other remote islets, as Ascension and St Paul.

FILICES.

POLYPODIACEÆ.

Dicksonia arborescens, L'Herit.

Dicksonia arborescens, L'Herit., Sert. Angl., p. 31; Hook., Sp. Fil., i. p. 66, t. 22, A.; Hook. and Bak., Synop. Fil. p. 50; Roxb. in Beatson's St Helena Tracts, p. 306; Kuhn, Fil. Afr., p. 160; Melliss, St Hel., p. 553, t. 54.

Balantium arborescens, Hook., Gen. Fil., t. 20.

Balantium auricomum, Kaulf., Enum. Fil., p. 228, t. 21, fig. 12.

Dicksonia integra, Swartz, Synop. Fil., p. 136.

ST HELENA.—Endemic. Diana's Peak and High Peak—*Burchell*, 193, 194; *Hooker*; *Cuming*; *Seemann*; and many other travellers, including *Morris*, in 1883.

The only tree-fern of the island. It grows on the Central Ridge at Diana's and High Peaks at an altitude of 2400 feet up to the summits. *Burchell* describes the trunk as from twelve to twenty feet high; and *Roxburgh* says "general height, when full grown, twenty or more feet, and of various thicknesses up to that of a man's body, with fronds from four to ten feet long." In 1840, *Sir Joseph Hooker* found very few stems above three feet high, and the tallest was only eleven feet, while most of the plants were very stunted, the stems scarcely appearing above the surrounding herbage. *Melliss* gives the dimensions as four to ten feet, with a diameter of six to eight inches.

Hymenophyllum capillaceum, Roxb.

Hymenophyllum capillaceum, Roxb. in Beatson's St Helena Tracts, p. 311; Hook., Sp. Fil., i. p. 109, t. 38, B.; Hook. and Bak., Synop. Fil., p. 58; Melliss, St. Hel., p. 354; Kuhn, Fil. Afr., p. 38.

Hymenophyllum infortunatum, Bory in Duperr. Voy. "Coquille," Bot. Crypt., p. 284, t. 38, fig. 3; Hook. f., Fl. Antarctica, p. 104.

Hymenophyllum capillare, Pritchard, Cat. St. Hel. Pl., p. 18.

Sphaerocionium infortunatum, Presl, Hymen., p. 35.

ST HELENA.—Endemic. On the trunks of the tree-fern and other trees, on the summit