

CASUARINEÆ.

Casuarina equisetifolia, Forst.

Casuarina equisetifolia, Forst. ; Seem., Fl. Vit., p. 263 ; Nadeaud, Enum. Pl. Tahiti, p. 42 ; Jouan in Mém. Soc. Sci. Nat. Cherbourg, xi., 1865, pp. 123, 138, 147.

ADMIRALTY ISLANDS.—This is now generally diffused in warm regions, chiefly in maritime districts, and in Polynesia it extends eastward to the Marquesas and northward to the Mariannes, but it does not occur in the Sandwich Islands.

MONOCOTYLEDONES.

ORCHIDÆ.

DENDROBIUM.

Dendrobium nitidissimum, Rehb. f.

Dendrobium nitidissimum, Rehb. f. in Journ. Linn. Soc. Lond., xv. p. 112.

Nova sectio *Diplocaulobium*. Rhizomatis repentis gemmæ aliæ pseudobulbos monophyllos sistentes, aliæ pedunculos basi vaginatos, apice floridos.

Pseudobulbis fusiformi-teretiuseculis, siccis multiangulatis sulcatisque monophyllis, folio lineari-ligulato attenuato bilobulo ; pedunculo a pseudobulbo foliato liberrimo ex alia gemma, nitido basi vaginato ancipiti, apice bractea magna chartacea nitida, superaddita bractea minore, fatua visa ; flore solitario (semper?) valde membranaceo, mento bene evoluto, lobulato, sepalis elongatis acuminatis, tepalis angustioribus, labello sepalorum dimidium excedente a basi lineari extenso, medio trifido, laciniis lateralibus obtusangulis antice lobulatis, lacinia media late ligulate lobulata, carinis geminis a basi versus discum lacinie mediæ, ibi melius crispato-lobulatis, antice in pilos numerosissimos tomentum densum efficientibus solutis, columnæ androclinio trifido, laciniis membranaceis.

Floris perigonium quasi rostriforme illi *Thrixspermi* cujusdam (*Arachnitis*, etc.) comparabile, $\frac{2}{3}$ pollicis longum, delicatissimum, tenuissimum. Plantula valde egregia dignitate gemmarum varia insignis. *Macrolepidi*, A. Rich. eo comparabilis, quod rhachis sub bractea incisa quodammodo articulata. Labellum *Macrolepidis* tamen exacte est illud *Bulbophyllosum*.

ADMIRALTY ISLANDS.—Endemic.

Dendrobium scopa, Lindl. var.

Dendrobium scopa, Lindl. var. ; Rehb. f. in Walp. Ann., vi. p. 303.

ADMIRALTY ISLANDS.—Also in the Philippine Islands.