

CRYPTOGAMÆ.

FILICES.

The fern vegetation of the Malayan Archipelago is very rich and varied, and the small collection made by Mr Moseley in the South-eastern Moluccas contained several new species. Mr J. G. Baker published a complete enumeration of all the ferns collected by the Challenger Expedition in the Malayan Archipelago and Polynesia, in the fifteenth volume of the Journal of the Linnean Society of London, together with descriptions of the new species. The following were collected in the South-eastern Moluccas by Mr Moseley.

Alsophila polyphlebia, Baker.

Alsophila polyphlebia, Baker in Journ. Linn. Soc. Lond., xv. p. 104.

Height of trunk up to 25 feet.—Frond ample, tripinnate. Rachis of pinnæ pale brown, slightly furfuraceous and rough with raised points. Pinnæ oblong-lanceolate, 2 feet long, 7–8 inches broad. Pinnules sessile, lanceolate-ligulate, $3\frac{1}{2}$ to 4 inches long, an inch broad, cut down to the rachis into close, blunt, distinctly crenated tertiary segments, 2 lines broad. Texture thin, but firm. Both surfaces glabrous, the lower with a few minute bullate scales on the midrib of the tertiary segments. Veinlets 12–14-jugate, close, fine, distinct, deeply forked, the lowest one sometimes twice forked. Sori placed close to the costa, and a space from the edge, with a distinct space between each, sometimes 12–15 to a segment, absent from the upper third of the segment.

ARROU.

Trichomanes pyxidiferum, Linn.

Trichomanes pyxidiferum, Linn.; Hook. and Bak., Synopsis Fil., p. 81; Hook., Sp. Fil., i. p. 124; Hook. and Grev., Ic. Fil., t. 206; Benth., Fl. Austr., vii. p. 703.

ARROU.—Widely dispersed in the tropical regions of both hemispheres.

Davallia repens, Desv.

Davallia repens, Desv.; Hook. and Bak., Synopsis Fil., p. 93; Baker in Journ. Linn. Soc. Lond., xv. p. 106.

ARROU.—Spread nearly all over Tropical Asia, the Mascarene Islands, and Polynesia.

Davallia solida, Swartz., var. *ornata*, Wall.

Davallia solida, Swartz, var. *ornata*, Wall.; Benth., Fl. Austr., vii. p. 715; Hook. and Bak., Synopsis Fil., p. 95; Baker in Journ. Linn. Soc. Lond., xv. p. 106.

ARORU; KI.—The varieties of this species are widely dispersed in Tropical Asia and Polynesia, and one is found in North-eastern Australia.