

Materials of the Botanical Research towards the Flora of Micronesia.

Takahide HOSOKAWA

Pandanus palkilensis HOSOKAWA, *sp. nov.* (Fig. 1 et 3).

Folia elongata, ultra 150 cm. longa, sursum elongatim linearis, sensim attenuatissima, glaberrima, rigido-coriacea, supra nitidula, ad marginem et costo subtus spinosa, spinis brevibus incurvis. Syncarpium solitarium, pendulum, oblongum, 17 × 10 cm. diam. phalangibus numerosis instructum. Phalanges cuneiformes, fibrosae, longitudinaliter irregulariter angulares, canaliculatae, ca. 4 cm. longae, ad verticem multo profunde divisae, acutiusculis, 2–2.5 cm. diam. deorsum attenuatae, saepius 4– vel 5–, rarius 2–, 3– vel 6-loculares, loculis vertice pyramidalis 4–5-angulariusculis exterioribus paullo majoribus.

HAB. *East Caroline group*: at the edge of the lowland forest in the neighbourhood of the Palikil colony, in the Ponape Island (T. HOSOKAWA, no. 5848! VIII. 17, 1933).

NOTE. This species is near to *P. duriocarpus* MARTELLI on the point of that characterized by the locules of the phalanges being very deeply and conspicuously separated, but the writer is distinguishable chiefly from the latter in having generally the 5– or 4-locules of its more numerous cuneiform phalanges.

Pandanus odontoides HOSOKAWA, *sp. nov.* (Fig. 2 et 4).

Syncarpium solitarium, pendulum, subglobosum, 17 × 14 cm. diam., phalangibus numerosis instructum, inter phalangem conspicue profunde separatum. Phalanges lignosae, 9– vel 8-loculares, oblongae, tamen infra medium abrupte attenuatae, fere 6–, vel 7-angulares, ca. 6 cm. longae, vertice odontiformes 3 × 2 cm. diam., saepius 9–, rarius 10– vel

Trans. Nat. Hist. Soc. Formosa, XXIV, 132, June, 1934.]



Fig. 1.

A phalanx of the syncarpium 1/2 (del. T. HOSOKAWA)



Fig. 2.

A phalanx of the syncarpium 1/2 (del. T. HOSOKAWA)

calyce coriaceo coronata, vix apice convexa, in quoque loculo 15-spermata.

Internodia 3–4 cm. longa. Laciniae stipulorum ad 3 mm. longae. Folia 4–6 cm. longus, pedunculis 3–4 cm. longis. Flores 5 mm. longi. Stylus 2 mm. longus. Stigma 1 mm. longa. Capsulae ca. 2.5 mm. in diametro.

HAB. *Palau*: at the meadow-land in the vicinity of the foot of Mt. Ruis-Armonogui situated upon the village Armonogui, in Babeldaob Island (T. Hosokawa, no. 6834! IX. 16, 1933).

Hedyotis tomentosus (VALETON) Hosokawa, *comb. nov.*

Oldenlandia tomentosa VALETON, in ENGL. Bot. Jahrb. LXIII. (1930) p. 292.

Hedyotis korrorensis (VALETON) Hosokawa, *comb. nov.*

Oldenlandia korrorensis VALETON, in l. c. p. 294.

var. **mollis** (VALETON) Hosokawa, *comb. nov.*

Oldenlandia korrorensis VALETON var. *mollis* VAL. in l. c. p. 295.

Hedyotis divaricatus (VALETON) Hosokawa, *comb. nov.*

Oldenlandia divaricata VALETON, in l. c. p. 292.

Hedyotis uncinelloides (VALETON) Hosokawa, *comb. nov.*

Oldenlandia uncinelloides VALETON in l. c. p. 295.

Ixora confertiflora VALETON var. **parvifolia** Hosokawa, *var. nov.*

? *Ixora pulcherrima* VOLK. var. *lanceolata* KANEHIRA Fl. Micron. (1933) p. 361, *nom. nud.*

Flores confertiflora. Folia 7–8 cm. longa, 2–3 cm. lata, anguste elliptico-oblonga.

HAB. *Palau*: in the lowland forest near to the village Armatin, in the Babeldaob Island (T. Hosokawa, no. 6972! IX. 17, 1933).

Psychotria rotensis KANEHIRA in Bot. Mag. Jap. XLVII. (1933) p. 679, et Fl. Micron. (1933) p. 373, f. 199.

HAB. *Palau*: in the *Eugenia* forest growing upon the coral limestone in the Oropushakal Island (T. Hosokawa, no. 7476! X. 8, 1933).

DISTRIB. As far as I am aware, found from the Rota Island (*Marianne*) and Palau Islands.

NOTE. New to the flora of Palau.