

24. *Licuala tiomanensis* Furtado sp. nov. Fig. 9.

Inter species inflorescentias partiales simplices gerentes calyce majore superficialiter lobato dense adpresso piloso sat distincta. Facie florum L. modestæ similis, sed spadicibus longioribus, inflorescentiis partialibus remotioribus simplicibus dissimilis.

Palma humilis. Petiolus unicus tantum visus, 22 cm. longus, infra medium aculeatus. Segmenta foliorum multa, inaequalia, cuneata; medianum maximum, circa 28 cm. longum, 9 cm. latum, pluricostatum; basilaria 2-costata, minima, 15–17 cm. longa, circa 2 cm. lata; intermedia 3–4 costata. Spadix circa 80 cm. longus, in ramos 2–3, pilosus, simplices, infra spathæ apicem orientes divisus. Spathæ tubulosæ, fugaceo-furfuraceæ. Flores immaturi lanceolati, 6–8 mm. longi, super pulvino prominentes plerumque geminati. Calyx 4 mm. longus, dense pilosus, apice truncatus, breviter lobatus vel in 3 lobos obscure fissus. Corolla ante anthesin calyce 1/3 longior, puberula, lobis acutis. Annulus staminalis conspicuus, in 6 filamenta abrupte subulata divisus. Ovarium glabrum.

MALAY PENINSULA: *Pahang*, Bukit Kajang in insula Tioman, alt. 3,300 ped. (Nur, 18611).

This species resembles *L. Ridleyana*, *L. peninsularis*, etc. in having simple branches to the spadix, but in the characters of the flowers it is easily confused with *L. modesta*. Unfortunately *L. tiomanensis* is known only from a single specimen containing only one leaf which may not be typical of the species. Fruits are not known.

NUR, 18910 collected also on Gunong Kajang in Pulau Tioman at an alt. 2,500 ft. seems to belong here, but no flowers are present in the Singapore herbarium, though from the collector's notes it appears that the flowers were present in the collection. The petiole is very much longer in this specimen and may have been over 3½ feet long; the partial inflorescences arise very high above the apex of the spathes. The collector notes that the plant which supplied this specimen is 15–20 feet in height.

25. *Licuala triphylla* Griff. in Calc. Journ. Nat. Hist.

V (1845) 332 et Palms Brit. Ind. (1850) 126 t 225; Hook. f., Fl. Brit. Ind. VI (1892) 432; Ridl., Mat. II (1907) 163; Becc. in Webbia V (1921) 33 et 46; Ridl., Flora V (1925) 28 t. 211; Becc. in Calc. Annals XIII (1933) 182 tt. 9–V et 96.

L. pygmaea Merr. in Univ. Calif. Publ. Bot. XV (1929)

20. **Syn. nov.**

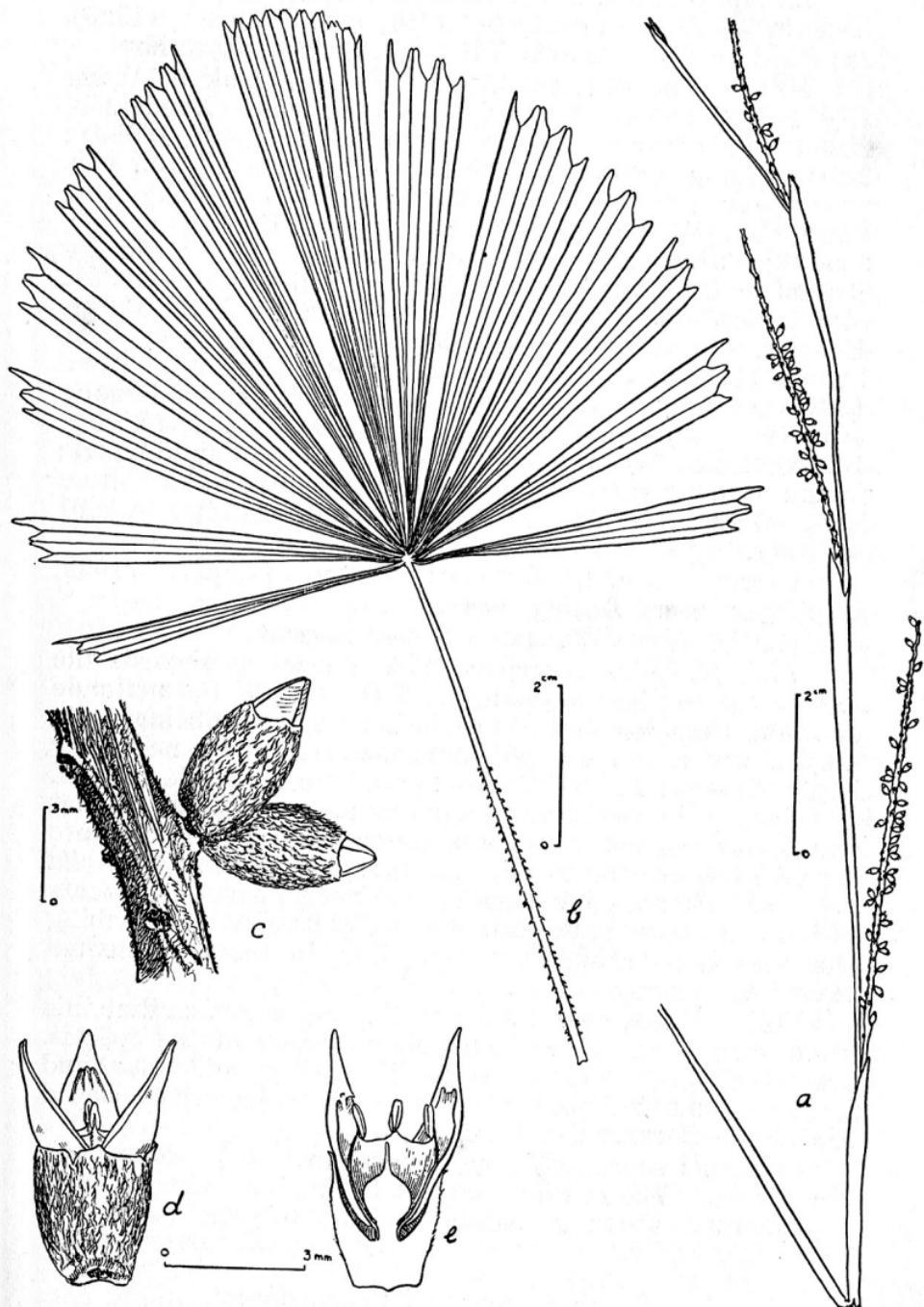


Fig. 9. *Licuala tiomanensis* (Holotypus: NUR 18611).

a. Pars spadicis. b. Frondis lamina cum parte petioli. c. Pars spicae cum alabastris. d. Flos ad anthesin. e. Flos verticaliter discissus ut filamenta staminum et ovarium appareant.