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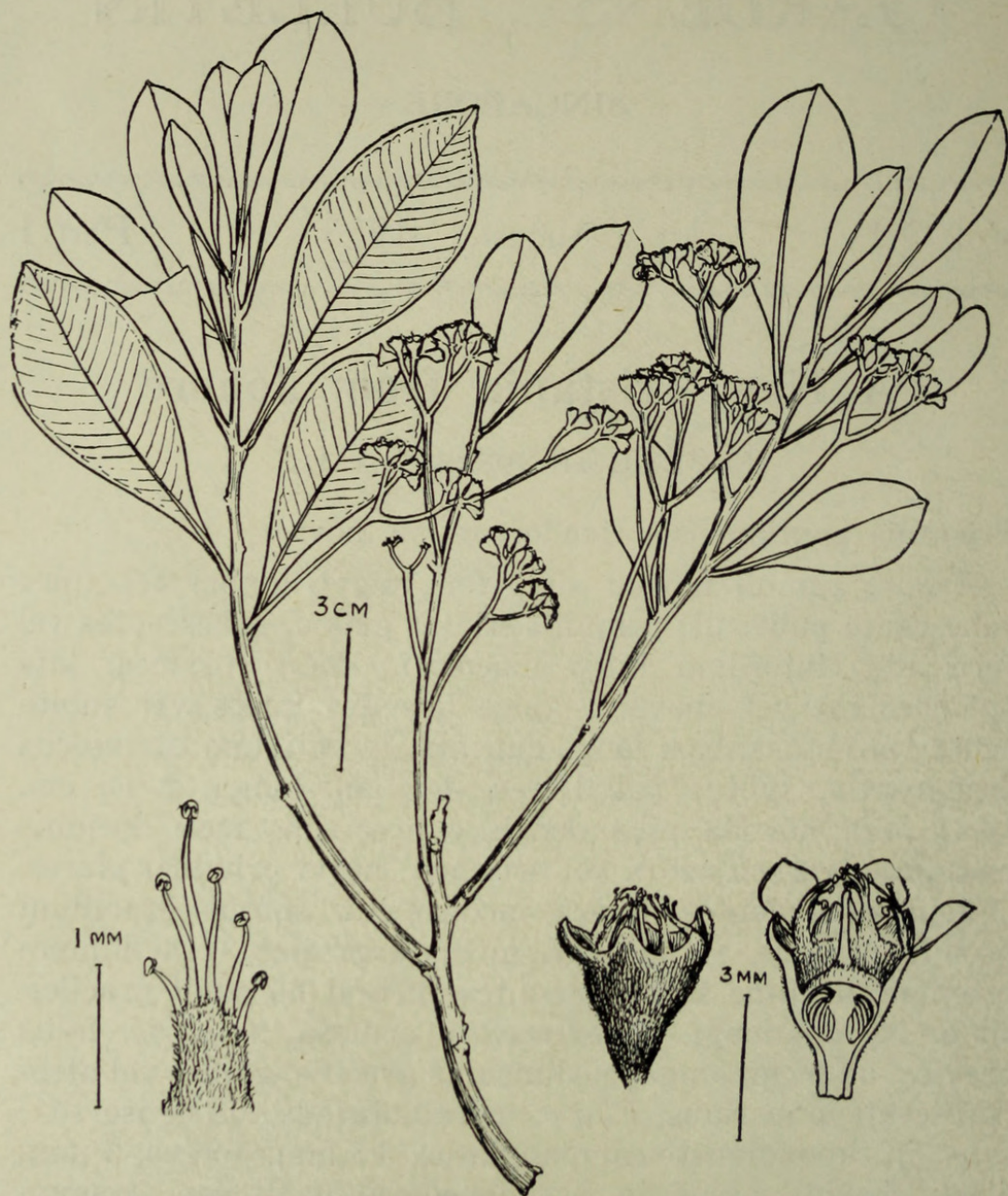
A New *Tristania* from Johore

By M. R. HENDERSON, F.L.S.

Tristania pontianensis Henderson, sp. nov.

Arbor; ramuli novelli sicci fere nigri, glabri vel apice rubescente puberuli; ramuli seniores glabri, rubescentes vel fere albi, interdum luteo maculati. *Folia* coriacea, late oblanceolata vel obovata, apice breviter acuta vel subito acuta vel obtusa, basi longe cuneata, in petiolum utrinsecus decurrentia, subtus pallidiores, 4–8 cm. longa, 2–4.5 cm. lata; folia novella pilis densis cupreo-rufis mox deciduis praedita, in sicco rubra vel brunnea; nervi primarii plures, oblique ascendentes, supra inconspicui, subtus gracillimi prominentesque, in nervum intramarginalem gracillimum proxime margine situm exeuntes; petioli nonnihil graciles, ad c. 1.5 cm. longi. *Inflorescentia* cymosa, axillaris, foliis brevior, ad 6 cm. longa; pedunculus gracilis, glabre vel atrofescente puberulus. *Flores* in ramulis ultimis dense siti; *calyx* in tubo anguste campanulatus, 3.5 mm. longus, 3 mm. diam., basin versus in pseudopedicellum 1 mm. longum attenuates, externe pubescens, intus capillis densis pallidis praeditus, lobis erecto-patentibus, carnosiusculis, triangularibus, acutis vel subacutis, 1.5–2 mm. latis, 1 mm. altis. *Petala* late obovato-orbicularia, c. 2 mm. diam., basi attenuata, externis capillis cupreo-rubris dense praedita, intus fere glabra. *Stamina* 3–5 per gregem distributa, unguibus 1 mm. longis, dense rufo-pilosis, filamentis liberis ad 1.5 mm.

longis, glabris; anthera oblongo-globosa, c. 0.2 mm. diam.; glandula connectivi conspicua sed haud prominens. *Ovarium* media parte superius, apice dense rufo-pilosum, fere conicale; stylum nonnihil crassum 2-2.5 mm. longum, basi incrassatum et rufo-pilosum, supra glabrum. *Capsula* ignota.



Tristania pontianensis Henderson.

A tree, youngest twigs drying almost black, glabrous or shortly reddish pubescent at apices, older twigs smooth, reddish to almost white, with occasional orange patches. *Leaves* coriaceous, broadly oblanceolate to obovate, apex very shortly or abruptly pointed, or obtuse, long narrowed to base and decurrent on petiole, buds and youngest leaves

densely coppery red pubescent, soon becoming glabrous, drying reddish or brownish, lower surface paler than upper, variable in size, from c. 4 cm. \times 2 cm. to c. 8 cm. \times 4.5 cm.; *primary nerves* numerous (up to c. 20 pairs), 2–5 mm. apart, obliquely ascending, inconspicuous above, very fine below and raised, meeting in a fine intramarginal nerve close to the margin; petiole rather slender, up to c. 1.5 cm. long.

Cymes axillary, shorter than leaves, reaching c. 6 cm. long, peduncle slender, compressed, nearly glabrous, or minutely dark reddish pubescent, especially at apex and on branches; *flowers* rather crowded at the apices of the densely reddish pubescent ultimate branchlets; *calyx* tube densely reddish pubescent without, densely pale reddish hairy within, narrowly campanulate, much produced above ovary, c. 3.5 mm. long and 3 mm. across mouth, base narrowed into a stout pseudostalk c. 1 mm. long, lobes spreading-erect, rather fleshy, triangular, acute or subacute, c. 1.5–2 mm. across at base and 1 mm. tall; *petals* broadly obovate-orbicular, c. 2 mm. diam., narrowed to base, densely coppery red pubescent outside, almost glabrous within; *staminal* bundles with 3–5 stamens each, claws c. 1 mm. long, broad, densely red pilose, free parts of filaments up to c. 1.5 mm. long, slender, glabrous; anthers oblong globose, c. 0.2 mm. diam., connective gland conspicuous but not prominent; *ovary* half superior, apex densely red pilose, somewhat conical; *style* rather stout, 2–2.5 mm. long, broadened and red hairy at base, glabrous above. *Capsule* unknown.

JOHORE: Pengkalan Raja, in peat-swamp forest, altitude low, S.F.N. 36659 (*Ngadiman*), TYPE collection, holotype in Herb. Singapore; same locality, S.F.N. 36695 (*Ngadiman*); 15 mile, Mawai-Jemaluang Road, S.F.N. 31939 (*Corner*), a somewhat doubtful collection, the flowers being in very young bud.

This species appears to be most nearly related to *Tristania obovata* Bennett, from which it differs in flower characters, in the coppery pubescence of the young leaves and in habitat.



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