

Notes on the Systematy of Malayan Phanerogams

XXIII.* MYRTACEAE

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Abstract

Eugenia filiformis Duthie var. *constricta* Kochummen and *Eugenia spicata* Lamk var. *cordata* Kochummen are new varieties.

Tristania razakiana Kochummen is a new species, named in honour of the Prime Minister of Malaysia.

Eugenia

***Eugenia filiformis* Duthie var. *constricta* Kochummen var. nov.**

E varietata typica in tubo calycis supra ovariam in medio abrupta constrictata differt.

SELANGOR: Ulu Gombak Forest Reserve at 600 m altitude, *KEP 98776* (KEP holotype, K, A, L, SING).

Once collected. Tree 12 m tall and 90 cm girth.

***Eugenia spicata* Lamk var. *cordata* Kochummen var. nov.**

E varietata typica in foliis ovato-lanceolato cordatus differt.

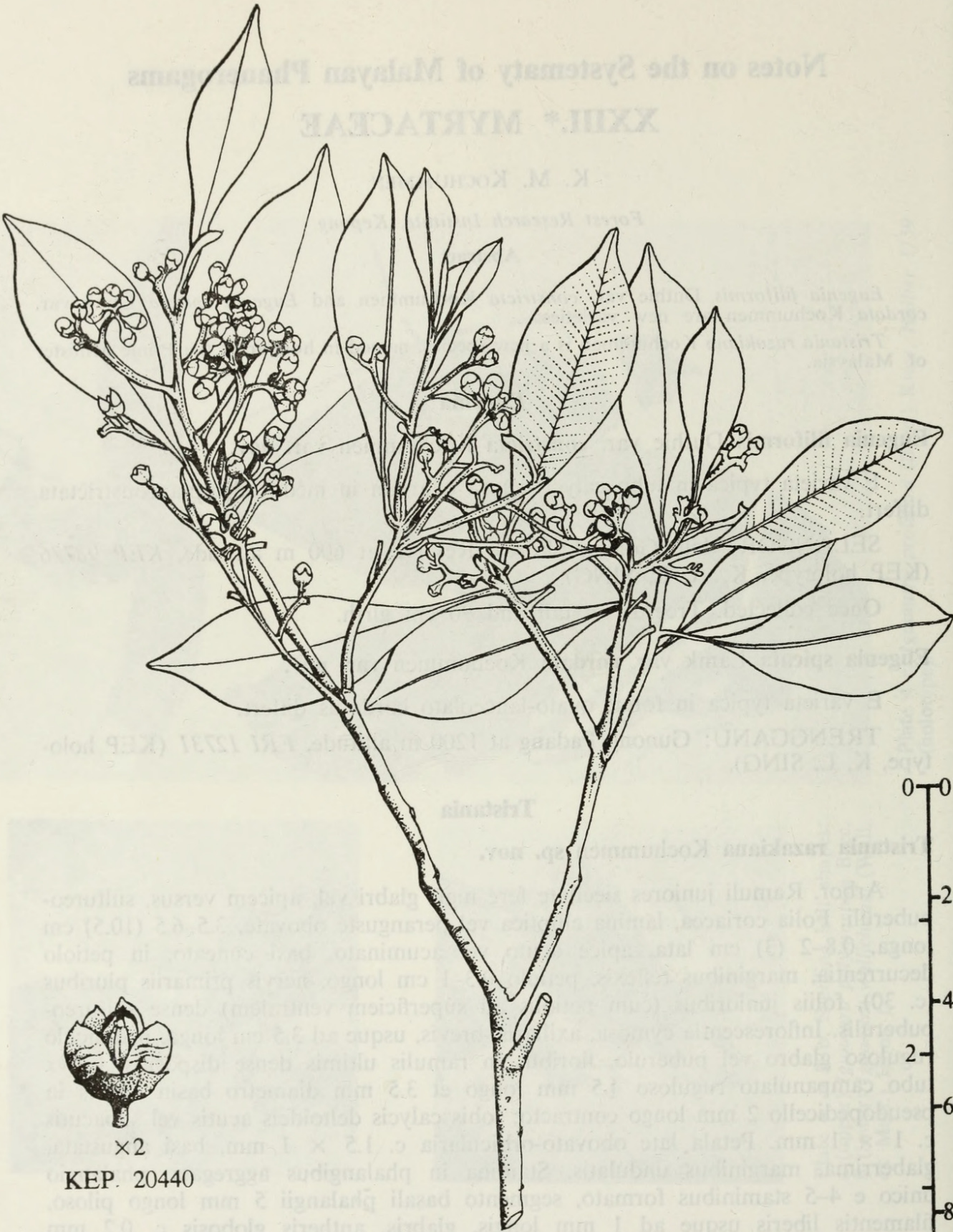
TRENGGANU: Gunong Padang at 1200 m altitude, *FRI 12731* (KEP holotype, K, L, SING).

Tristania

***Tristania razakiana* Kochummen sp. nov.**

Arbor. Ramuli juniores siccitate fere nigri glabri vel, apicem versus, sulfureo-puberuli. Folia coriacea, lamina elliptica vel peranguste obovate, 3.5–6.5 (10.5) cm longa, 0.8–2 (3) cm lata, apice acuto vel acuminato, basi cuneato, in petiolo decurrentia, marginibus reflexis, petiolo 0.3–1 cm longo, nervis primariis pluribus (c. 30), foliis junioribus (cum petiolis ad superficiem ventralem) dense sulfureo-puberulis. Inflorescentia cymosa, axillaris, brevis, usque ad 3.5 cm longa, pedunculo ruguloso glabro vel puberulo, floribus in ramulis ultimis dense dispositis. Calyx tubo campanulato ruguloso 4.5 mm longo et 3.5 mm diametro basin versus in pseudopedicello 2 mm longo contracto; lobis calycis deltoideis acutis vel subacutis c. 1 × 1 mm. Petala late obovato-orbicularia c. 1.5 × 1 mm, basi angustata, glaberrima, marginibus undulatis. Stamina in phalangibus aggregata, phalangio unico e 4–5 staminibus formato, segmento basali phalangii 5 mm longo piloso, filamentis liberis usque ad 1 mm longis, glabris, antheris globosis c. 0.2 mm diametro. Ovarium triloculare semi superium densiter pilosum, stylo nonnihil crasso c. 0.5 mm longo glabro. Capsula triloculare, oblonga 6 mm longa cum calyce 2 mm alto. Semen alatum, 0.4 mm longa.

*continued from Gdns' Bull. Sing. 27: 269–287.



×2

KEP. 20440

Tristania razakiana
FRI. 20417

0
2
4
6
8
10
in. cm.

Small to medium sized trees reaching a height of 21 m and a girth of 118 cm. Bark peeling in long strips, peeled strips deep red brown leaving the bole smooth and white in appearance. Inner bark light yellow. Sapwood light yellow.

Young twigs black, glabrous, their tips yellow pubescent. Blade coriaceous, elliptic to narrowly obovate, 3.5–6.5 (10.5) $\times$ 0.8–2 (3) cm, apex acute or acuminate, base cuneate, decurrent on leaf stalk, margin reflexed, secondary nerves numerous c. 30 pairs, very faint to inconspicuous; petiole 0.3–1 cm long; very young leaves yellowish hairy below. Inflorescence in axillary cymes up to 3.5 cm long; calyx tube campanulate, narrowed at base into 2 mm long pseudostalk, calyx lobes triangular, 1 $\times$ 1 mm; petals broadly obovate to orbicular c. 1.5 $\times$ 1 mm, stamens in bundles, each bundle with 4–5 stamens, basal segment of the bundle with 5 mm long hairs, filaments free, about 1 mm long, glabrous; anthers globose, 0.2 mm diameter; ovary trilocular, semi superior, densely hairy; style 0.5 mm long, glabrous. Fruit a trilocular capsule 6 mm long, with persistent calyx up to 2 mm high. Seeds flat, 0.4 mm long.

PAHANG: Frasers Hill at 1200 m altitude: *FRI* 20417 (holotype KEP), *FRI* 9013, 9025, 16733, 16744, *KEP* 29495, 32281; Gua Tinggi, Ulu Liang, Raub: *KEP* 20440. PERAK: Gunong Korbu at 1650 m: *KEP* 31444.

A very distinct species of high mountains, locally abundant, characterised by the very small stalked leaves, differing from *T. pontianensis* Hend. in the slender longer pseudostalk and in the glabrous wrinkled calyx tube.

I have named this species in honour of Tun Haji Abdul Razak bin Datuk Hussein, Prime Minister of Malaysia, to commemorate his visit to the Forest Research Institute, Kepong on 21st July, 1973.

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