

# Notes on the Systematy of Malayan Phanerogams

## \*XXIV ERICACEAE

F. S. P. Ng

Forest Research Institute, Kepong

### Abstract

*Vaccinium whitmorei* Ng and *Vaccinium pseudodialypetalum* Ng are new species.

### Vaccinium

#### *Vaccinium whitmorei* Ng sp. nov.

Arbor parva, ramulis glabris; foliis glabris coriaceis integris obovatis apice acuto basi cuneato, marginibus (in sicco) recurvatis, costa media ex pagina supra prominulento, nervis c. 4-paribus pinnatis; petiolo glabro 2-3 mm. longo; alabastris axillaribus incrassatis 1.5 x 1.5 - 4 x 3 mm. Inflorescentia racemosa multiflora glabra, 3-6 cm longa, bracteis 4-6 mm longis, ante anthesin caducis. Flores alba rosascens externe glabrae, pedicellis 6 mm longis, calyx quinquelobato 3.5-4.5 mm longo, tubo quam lobis paullo longiori, corolla tubuloso 5-lobato c. 8 mm longo (intus villosus), lobis c. 1 mm longis, staminibus 10, c. 4 mm longis, filamentis villosis, calcaribus dorsalibus brevibus, tubulis quam thecis antherae brevioribus, apice porosis, stylo glabro c. 7 mm longo, disco glabro. Fructu globosus, c. 5 x 5 mm, calycis lobis 1 mm longis coronatus.

A small tree. Twigs glabrous. Leaves obovate, apex acute, base cuneate; glabrous, coriaceous, entire, recurved in dry specimens; midrib slightly prominent above, pinnate nerves about 4 pairs; petiole 2-3 mm long, glabrous. Axillary buds swollen, 1.5 x 1.5 - 4 x 3 mm. Inflorescence a glabrous axillary many-flowered raceme 3-6 cm long. Bracts 4-6 mm long, falling before anthesis. Flowers white tinged pink, glabrous externally; pedicels 6 mm at anthesis, calyx 3.5 - 4.5 mm long, 5 lobed, with tube slightly longer than lobes; corolla tubular, c. 8 mm long, hairy inside the tube, with 5 lobes c. 1 mm long; stamens 10, c. 4 mm long, with filaments hairy, dorsal spurs short, tubules slightly shorter than anther cells, opening by apical pores; style glabrous c. 7 mm long; disc glabrous. Fruit globose, c. 5 x 5 mm, crowned by calyx lobes 1 mm long.

MALAYA Pahang/Selangor border on G. Ulu Kali at c. 1700 m: *FRI 12584* (KEP holotype, L, K, SING, A) fl. Sept. 1969; and on Frasers Hill at 1000 m: *KLU 13146* (KLU) fr. July 1970.

Named for its collector Dr. T. C. Whitmore.

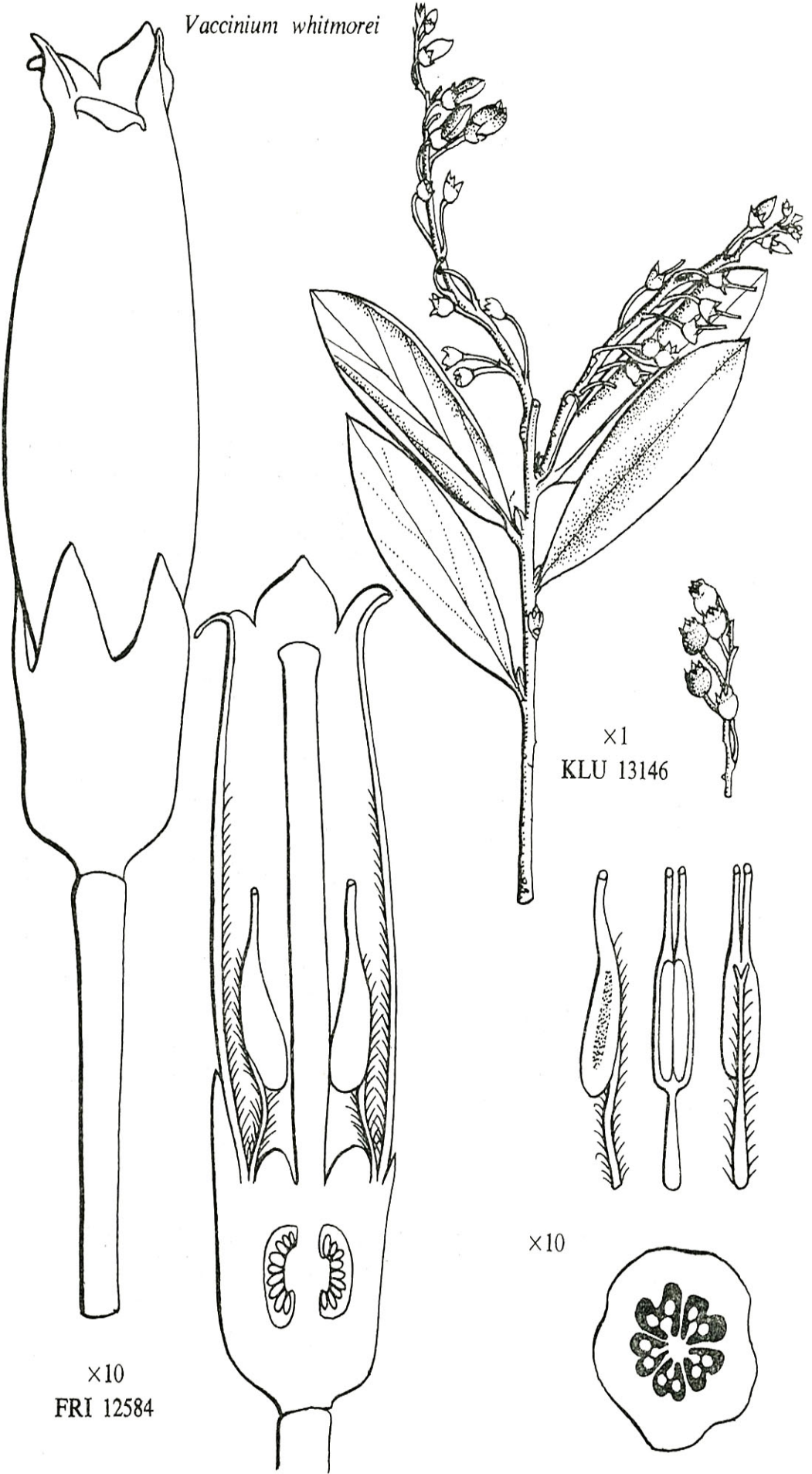
#### *Vaccinium pseudodialypetalum* Ng sp. nov.

Frutex epiphyticus, ramulis junioribus pubescentis, foliis chartaceis, integris, ovatis, glabris (costa media excepto) apice longe acuminato, basi rotundato vel subcordato, costa media supra prominulento, nervis c. 7-paribus pinnatis angustis prominulentis, venis tertiariis prominulentis; petiolo 2-3 mm longo pubescentio. Inflorescentia axillaris racemosa 2-3 florifera, 10-16 mm longa, bracteis vix 1 mm

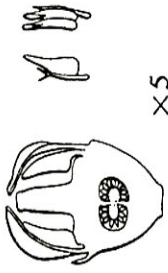
---

\* continued from p. 229.

*Vaccinium whitmorei*

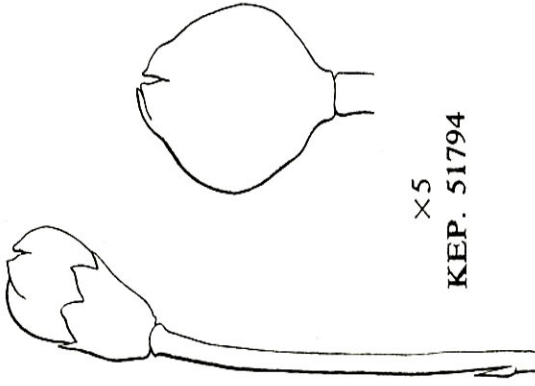


*Vaccinium pseudodialypetalum*



×5

KEP. 56673



×5

KEP. 51794



× $\frac{1}{2}$

KEP. 56673

KEP. 51794



longis. Flores: alabastris glabris pedicellis c. 1 cm longis ad anthesin, calyx 5-lobato, tubo quam lobis longiori, corolla 5-lobato, tubo quam lobis longiori, staminibus 10 glabris, calcaribus dorsalibus brevibus, tubulis quam thecis paullo brevioribus, poribus elongatis tubulis aequantibus; stylo discoque glabro. Fructu globosus 5 x 5 mm (immaturus) calycis lobis 1 mm longis coronatus.

An epiphytic shrub. Twigs pubescent when young. Leaves ovate, apex long-acuminate, base rounded to sub-cordate, glabrous except the midrib sometimes pubescent, chartaceous, entire, midrib prominent above, pinnate nerves c. 7 pairs, slender but prominent on both sides, reticulations prominent on both sides; petiole 2-3 mm, pubescent. Inflorescence a sparsely pubescent axillary 2-3 flowered raceme 1-1.6 cm long. Bracts tiny, to 1 mm long. Flower buds glabrous; pedicels c. 1 cm long at anthesis; calyx 5 lobed, with tube longer than lobes; corolla 5 lobed, with tube longer than lobes; stamens 10, glabrous, with short dorsal spurs; tubules slightly shorter than anther cells, opening by elongate pores as long as the tubules; style and disc glabrous. Fruit globose c. 5 x 5 mm (immature) crowned by calyx lobes 1 mm long.

MALAYA: Pahang/Selangor border on G. Nuang, G. Moyang and K. Pansom, at c. 1000-1500 m. *KEP* 56673 (*KEP* holotype) fl. 3/11/40; *KEP* 51794 fr. 12/5/40; KL 925.

The species is so named because it has been confused with *V. dialypetalum* which it resembles closely in the leaves. It differs from *V. dialypetalum* mainly in calyx lobes being up to 1 mm long instead of 2-4 mm, filaments glabrous instead of pubescent, dorsal spurs on stamens short instead of long, and pedicel slender instead of thick.

*Acknowledgement.* I would like to thank Dr. B. C. Stone, University of Malaya, for the Latin descriptions.