

A NEW KOPSIA FROM MALAYSIA (APOCYNACEAE)

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F. Markgraf's revision of the genus Kopsia (Apocynaceae) includes 16 species in Malaysia (1972). While determining new material collected by J-R. Deverre for chemical studies, I noticed the occurrence of a new Kopsia species among it. This is described below.

Kopsia deverrei L. Allorge, sp. nov.

Arbuscula circa 8m alta. Rami oppositi vel quaterni verticillati, internodio defecto. Folia opposita, integra, membranacea, coriacea, 7,5-12cm longa, 2,5-4cm lata, 6-7 paribus secundariorum nervorum arcuatorum munita, margine aliquid revoluta. Acumen caniculatum, 0,5-1cm longum, apice glande prominenti triangulari munitum. Petiolus 1,3cm longus.

Inflorescentiae multiflori terminales, pedunculo 0,6-1cm longo, gracillimo. Florescencia annua per circa 15 dies.

Bractee calycesque margine pubentes, 1mm longi. Corolla alba dextrorsa fauce purpureo-rubra. Lobi corollae diaphani vix asymmetrici, margine tegenti ciliati, 1,25cm longi ; 0,6cm lati. Tubus corollae 2-3cm longus, gracillimus fauce inflata stamina gerenti. Stamina antheris omnino fertilibus, filamentis 1mm longis supra clavunculam. Ovarium pubens ; carpella duo cum duabus brevioribus sterilisque squamis alternantia. Stylus gracillimus, 2-3cm longus. Clavuncula cylindrica hirsuta, pilis inferioribus longioribus tubum faciantibus. Appendices clavunculae duae minutae.

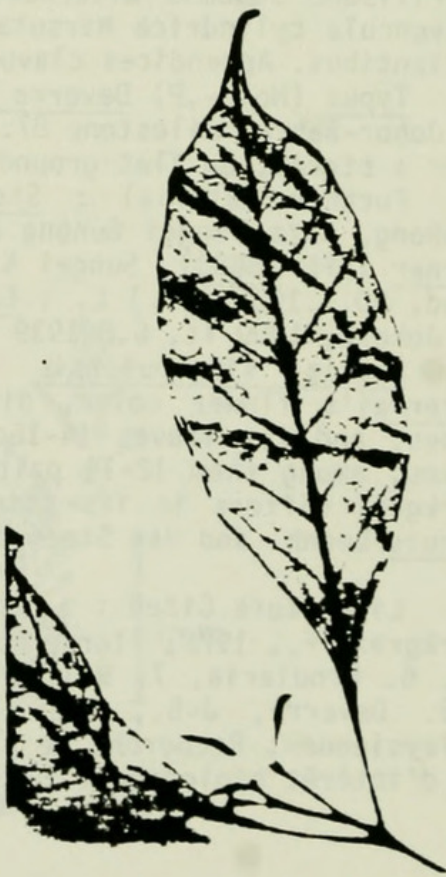
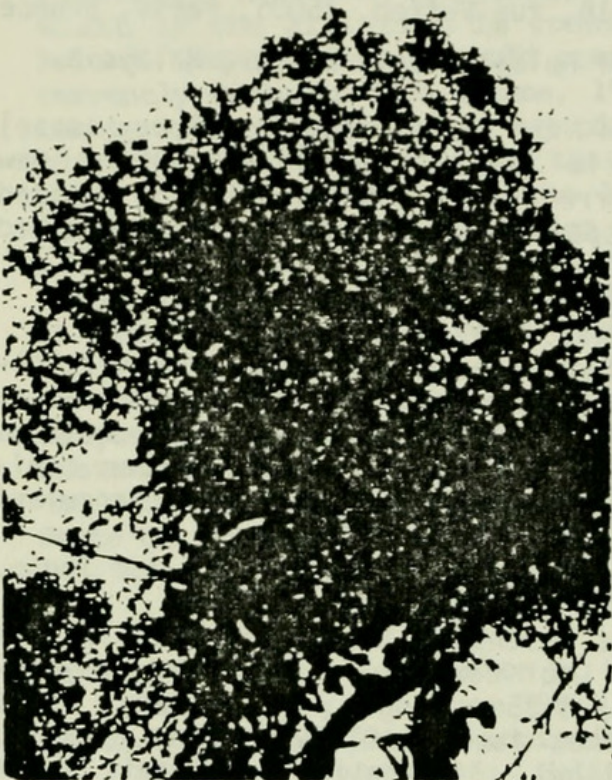
Typus (Holo-,P) Deverre 25, Malaysia, Johor, road from Mersing to Johor-Bahra, milestone 87. Primary exploited forest on sandy soil near a stream, on flat ground 2km from seashore.

Further material : Stone and Chew. 6230, Johore, N.E. of Lombong, Kota Tinggi Gunong Panti, West Ridge. 4.4.1966 (fl.) L. ; Corner (SFN 28680), Sungei Kayu Area, 12 th m.s., Mayai, Jamaluan road, 20.1.1935 (fl.) L. ; Corner (SFN 37067), Bukit Tinjau Laut E of Johore, 1000 ft, 6.8.1939 (fl.) L.

Kopsia singapurensis Ridl., although it shares Kopsia deverrei's flower color, differs in its longer corolla tube and lobes, and its leaves 14-16cm long by 7-11cm wide, with prominent veins, among them 12-14 pairs of secondary ones. Kopsia lancifolia Markgraf differs in its sessile leaves and white flowers, Kopsia tenuis Leenh. and van Steenis, in its two times smaller flowers.

Literature Cited :

Markgraf, F., 1972, Florae Malesianae Praecursores LIII. Apocynaceae II. 6. Urnularia, 7. Willughbeia, 8. Kopsia. Blumea 20 (2) : 407-425. Deverre, J-B., 1985, Contribution à l'étude de la Flore Malysienne ; Recherche de substances naturelles d'origine végétale et d'intérêt biologique. 19.6.1985, n° 298/83. Paris XI.





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