

**A NEW SPECIES OF NEPENTHES (NEPENTHACEAE)
FROM SARAWAK**

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SUMMARY

A new species of *Nepenthes*, *Nepenthes faizaliana* Adam & Wilcock, is described from Batu Panjang (Gunung Mulu National Park) in Sarawak.

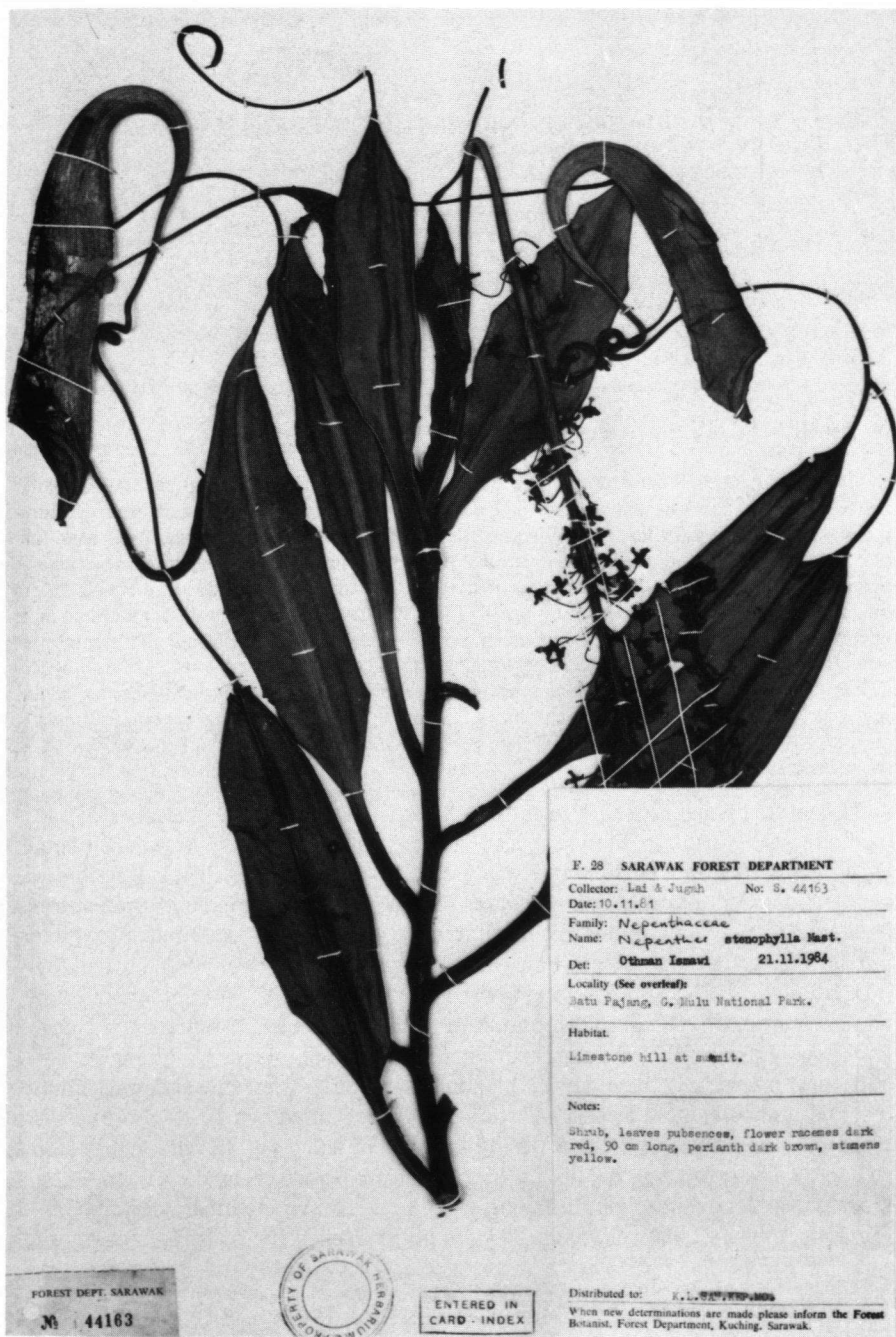
***Nepenthes faizaliana* Adam & Wilcock, *spec. nov.* – Fig. 1.**

Caulis cylindricus, 8 mm crassus, pilis albis stellatis, fuscus ramosus, rarius simplicibus, internodia 1–3 cm longa. Folia adulta alternantia, coriacea, petiolata; lamina lanceolata usque elliptica, 6–14 × 2–4 cm, apex acutus, basis obtusa; petioli canaliculati, 2.5–5 cm longa, basis semi-amplexicauli; nervi longitudinales utroque latere 2 prope marginem, a basi laminarum provenientes, nervi pinnati inconspicui; cirrus cum ascidia 18–22 cm longa, cirrus sine ascidia 10–13 cm longa. Ascidia superiora infundibuliformia, 8–13 × 1.5–2.5 cm, costis 2 prominentibus; paginae interioris pars inferior glandulosa; os obliquum; peristomio cylindricum–applanatum; operculi facies inferior appendice basali glandulosa. Inflorescentia mascula racemosa 56 cm longa, pedunculus 16–17 cm longa, rhachis 40–42 cm longa; pedicelli uniflori graciles, 6–20 mm longa, bracteolae praesentes; sepala 4, lanceolata usque oblonga, 3–4 × 1.5–2 mm; columna staminalis brevis et crassa. — Typus: *Lai & Jugah S 44163*, Batu Panjang, Gunung Mulu National Park, 10 Nov. 1981 (holo SAR; iso K).

Upper stems cylindrical, 8 mm thick, internodes 1–3 cm long. *Leaves* coriaceous, alternate, petiolate; lamina lanceolate to elliptic, 6–14 × 2–4 cm, apex acute, base obtuse; petiole canaliculate, 2.5–5 cm long, semi-amplexicaul; longitudinal nerves 2 on each side, ascending towards the leaf margin, originating from the base; pennate nerves obscured; tendrils of pitchers 18–22 cm long, curled near to the tip; pitcherless tendrils 10–13 cm long, uncurled or curled. *Upper pitchers* narrowly infundibulate, gradually narrowing towards the base, 8–13 × 1.5–2.5 cm, anteriorly with 2 prominent ribs; mouth oblique; peristome cylindrical–flattened, 2–4 mm thick, peristome rib 0.2–0.5 mm apart, inside surface of pitcher glandular on lower half only; inner lid surface wholly glandular, glandular crest present; spur simple, inserted immediately at the lid base. *Lower pitchers* unknown. *Male inflorescence* racemose, 56 cm long, peduncle 16–17 cm long, rhachis 40–42 cm long; pedicels slender, shortest towards the tip, 6–20 mm long, 1-flowered, bracteoles commonly present; sepals 4, lanceolate to oblong, 3–4 × 1.5–2 mm; staminal columns 2.5–4 mm long, anthers 1–1.5 mm thick. *Female inflorescence* and *fruits* unknown. *Indu-*

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F. 28 SARAWAK FOREST DEPARTMENT

Collector: Laid & Juguh No: S. 44163

Date: 10.11.81

Family: Nepenthaceae

Name: *Nepenthes stenophylla* Mast.

Det: Othman Ismawi 21.11.1984

Locality (See overleaf):
Batu Pajang, G. Mulu National Park.

Habitat:

Limestone hill at summit.

Notes:

Shrub, leaves pubescent, flower racemes dark red, 50 cm long, perianth dark brown, stamens yellow.

FOREST DEPT. SARAWAK

No. 44163



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Distributed to: K.L. WONG, W.P. MOG

When new determinations are made please inform the Forest Botanist, Forest Department, Kuching, Sarawak.

mentum of stem of white stellate, brown branched, and rarely simple hairs. Leaves upper surface glabrous, midrib glabrous with long white hairs towards the apex, leaves lower surface sparsely covered with short branched hairs with black spots, petiole upper surface with simple long white hairs. Margin ciliate in young leaves. Tendrils and inflorescence with brown branched hairs.

Distribution – Borneo; known from the type locality only.

Habitat – On top of limestone hill; altitude unknown.

Notes – *Nepenthes faizaliana* is closely related to *N. fusca* Danser (1928) by its infundibulate upper pitchers, glandular crest on lid below, petiole base semi-amplexicaul. The former species differs from the latter by the characters given in table 1. I (JHA) have seen the type specimens of *N. fusca* (Endert 3955; L, BO) and the type description (Danser, 1928). *Nepenthes faizaliana* greatly differs, and cannot be united with *N. fusca*.

I have named this new species after my son, Mohd. Khairul Faizal (JHA).

Table 1. The diagnostic characters of *Nepenthes faizaliana* and *N. fusca*.

<i>Nepenthes faizaliana</i>	<i>Nepenthes fusca</i> (Endert 3955)
1. Pedicels 1-flowered	Pedicels partly 2-flowered
2. Pedicels bracteolate	Pedicels ebracteolate
3. Pedicels up to 20 mm long	Pedicels up to 8 mm long
4. Inside surface of upper pitcher glandular on lower half only	Inside surface of upper pitcher wholly glandular
5. Indumentum of stem of white, stellate, branched, and rarely simple hairs	Indumentum of stem of short, simple, branched hairs
6. Indumentum of upper petiole surface and midrib towards the apex and base of white, long, simple hairs	Indumentum of upper petiole surface and midrib of brown branched hairs
7. Staminal column stout and short	Staminal column slender and long

ACKNOWLEDGEMENTS

We wish to thank the Universiti Kebangsaan Malaysia, Sabah National Parks, and the Department of Plant & Soil Science, University of Aberdeen for financing the project, Jabatan Biologi, UKMS and UKM Kampus Sabah for providing us with field equipment, and transport respectively; the herbaria SAR and K for the use of the specimens; Mr. T.E.V. Pearce of the Classics Department, University of Aberdeen, for the Latin description; field assistants Julahi Haji Adam and Aliosman Mahdi; Mr. N. Little for the photograph taken.

REFERENCE

DANSER, B.H. 1928. The Nepenthaceae of the Netherlands Indies. Bull. Jard. Bot. Buitenzorg III, 9 (3-4): 249–437.

Fig. 1. *Nepenthes faizaliana* Adam & Wilcock. Male plant and upper pitchers. From *Lai & Jugah S 44163*, holotype (SAR).