

A JOURNAL ON TAXONOMIC BOTANY
PLANT SOCIOLOGY AND ECOLOGY

REINWARDTIA

Editors

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Published by

HERBARIUM BOGORIENSE

BALAI PENELITIAN DAN PENGEMBANGAN BOTANI
PUSAT PENELITIAN DAN PENGEMBANGAN BIOLOGI — LIPI
BOGOR, INDONESIA

Reinwardtia Vol. 11, Part 1, 1 - 55

5 February 1992

IO ISSN 0034 - 365 X

**A NEW SPECIES OF DIPLODISCUS TURCZ. (TILIACEAE),
RELATED TO BROWNLOWIA ROXB.**

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A B S T R A C T

Diplodiscus longipetiolatus Kosterm. is described based on a specimen collected in East Kalimantan.

ABSTRAK

Diplodiscus longipetiolatus Kosterm. dipertelakan berdasarkan, specimen herbarium yang dikoleksi dari Kalimantan Timur.

Diplodiscus longipetiolatus Kosterm., *spec. nov.*

Arbor parva ramulis tenuibus glabris laevibus pallidis foliis alternantibus chartaceis ellipticis vel oblongis longe acuminatis basi rotundatis supra nitids glabris trinerviis filiformibus sub-prominulis subtus obscure minutissime reticulatis minutissime laxe lepidotis, petiolis perlongis gracilibus, infructescentiis terminalibus gracilibus dense minutissime lepidotis, fructus globosus opacis dense minutissime lepidotus pedicellis gracilibus longis. Sepalibus elongato-triangularibus acutis sparse lepidotis, petalis membranaceis oblongis longioribus. TYPUS : *Nooteboom 4392* (L)

Treelet; twigs slender, stiff, smooth, glabrous superficially smoothly ribbed, grey. Leaves scattered, chartaceous, elliptic or oblong, 3 x 7 — 7 x 81 cm, trinerved, conspicuously acuminate (acumen slender, 3 cm), base rounded or almost so, above glossy, glabrous, smooth, nerves filiform, sub-prominulous, below microscopically reticulate, dull with scattered microscopical flat, adpressed fimbriate round scales, the 2 main nerves thin, promi-nulous, ascendent, not reaching the acumen base, sometimes at either side with a much shorter, ascendent nerve and with an accesory lateral nerve in the upper part of the lamina. Petiole very slender, glabrous, 3—5 cm long, slightly thickened at both ends. Inflorescence terminal, a continuation of the twig, sometimes with a few leaves. Part lateral inflorescences up to 12 cm long, slender, densely microscopically lepidote, bearing 1—3 cm long secondary thin branches with one or two fruit. Fruit globose, dull, whitish green (fresh), densely minutely lepidote, one-celled up to 1 cm in diam. Pedicel thin, 5 mm.

Remnant of flower below the fruit : Sepals elongate-triangular, acute, 2-3 mm, outside laxly microscopically lepidote; petals membranous, oblong, glabrous, ca 3 mm.

DISTRIBUTION : Dipterocarp rainforest on Bukit Raya, East Kalimantan, collected once.

The species is somewhat in between *Diplodiscus* and *Brownlowia*, Although not indicated as such, it is a small tree in moist undergrowth as the leaves have epiphylls. The fruits are without doubt those of a *Diplodiscus* and not of a *Brownlowia* (as it has been identified at Leiden). In *Diplodiscus* it is outstanding by its long slender petioles, which makes it intermediate with *Brownlowia*. The fruit is also unusually hard for a *Diplodiscus*, but still thinner than that of *Brownlowia*. *Diplodiscus* is very uniform in its leaves, which are inaequilateral at their base. Those of our species fit better those of *Brownlowia*. When the flowers become known, it may be ultimately a representative of an undescribed genus.

CONTENTS

	Page
ROCHADI ABDULHADI Seed banks in a sub-tropical rain forest	1
ROCHADI ABDULHADI Floristic changes in a sub-tropical rain forest succession	13
A.J.G.H. KOSTERMANS Two remarkable <i>Lindera</i> species (Lauraceae) probably representing an undescribed genus	23
A.J.G.H. KOSTERMANS A new species of <i>Diplodiscus</i> Turcz. (Tiliaceae) related to <i>Brownlowia</i> Roxb.	27
N. SASIDHARAN & K. SWARUPANANDAN A new species of <i>Cassine</i> (Celastraceae) from India	29
A.J.G.H. KOSTERMANS Reinstatement of <i>Pterocarpus echinata</i> Pers. (Leguminosae — Papilionaceae)	33
JUMAAT H ADAM & GC. WILCOCK. A new natural hybrid of <i>Nepenthes</i> from Mt. Kinabalu (Sabah)	35
A.J.G.H. KOSTERMANS <i>Durio macrantha</i> Kosterm. species nova (Bom- bacaceae) from North Sumatra	41
A.J.G.H. KOSTERMANS <i>Salacia acuminatissima</i> Kosterm., spec. nov. (Celastraceae) from Sri Lanka	53
A.J.G.H. KOSTERMANS Identity of <i>Dracontomelum petelotii</i> Tardieu -Blot (Anacard.)	55

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