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A NEW BORNEAN SPECIES OF MAMMEA L.

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ABSTRACT

The new species *Mammea sinclairi* is described and illustrated and its similarity to *Mammea anastomosans* is noted.

ABSTRAK

Jenis baru *Mammea sinclairi* dipertadakan dan digambarkan sedang perbandingan samaannya dengan *Mammea anastomosans* dibi-caraksn.

Jamnea Sinclairi Kosterm., spec. nov. — Fig. 1.

Frutex, foliis magnis coriaceis, breve acuminatis basi obtusis, nervia lateralibus plurimis horizontalibus supra impressis, hypsophyllis aciculatis parvis, fructus aequalibus globosis pluriloculatis, exterioribus atriatia. TYPUS: *Sinclair S.F.N. 10274*, (BO).

Shrub, 120 cm high. Sap sulphur yellow. Branchlets with rather large lenticels. Leaves bi-axillate, coriaceous, elliptic, 10 x 50—12 x 31 cm, shortly, sharply acuminate, base rounded; upper surface subparallel between the numerous (up to 30 pairs) of patent and sagging impressed lateral nerves, in between short impressed nerves, reticulation dense, prominulous, midrib broad, prominulous; lower surface pale green with yellowish tinge (fresh) with prominent midrib and filiform laterals, which anastomose 5—10 mm from the margin. Petiole 1—1.5 cm long, thickish; hypsophylls up to 1 cm long, ovate, caudate, stiff. Fruit orange, sessile in leaf axil, subglobose, radially atriate, fleshy, 3 cm diam. with 5 cells and 5 large seeds.

The leaves are similar to those of *M. anastomosans* (Miq.) Kosterm., but have much more lateral nerves and have a rounded base. *Mammea anastomosans* has cauliflorous flowers, the fruit are unknown. *M. sinclairi* has axillary, sessile, plurilocellate fruit and hence falls in subgenus *Mammea*.

BORNEO, Sarawak, Sungei Sabah Tapang, Serian, banks of stream in forest, leaves medium green above, pale green beneath with yellowish tinge, 7th Aug, 1960, fr., *Sinclair S.F.N. 10274* (BO, SAR, SING).

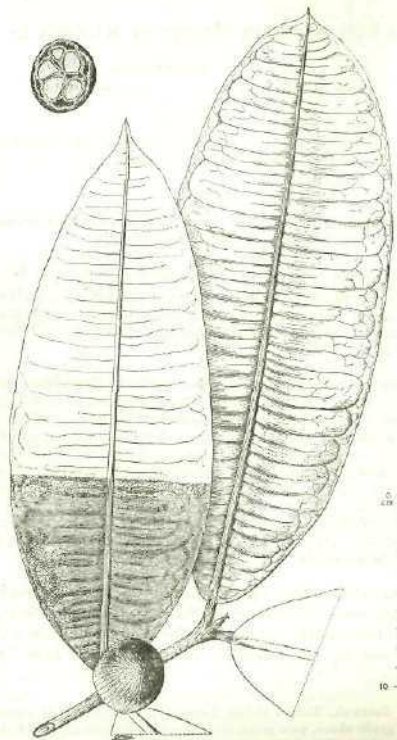


Fig. 1. *Mammea sinclairi* Kosterm.

TRIADODAPHNE, A NEW LAURACEOUS GENUS FROM BORNEO

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ABSTRACT

An illustrated description of the new monotypic genus *Triadodaphne myristicoideae* is presented, and its similarity to *Beilschmiedia*, *Cryptocarya* and *Endiandra* is discussed.

ABSTRAK

Pertelaan bergambar marga monotipe haru *Triadodaphne myristicoideae* disajikan dan persamaannya dengan ruarga-marga *Beilschmiedia*, *Cryptocarya* serta *Endiandra* dibicarakan.

Triadodaphne Kosterm., gen nov.

Arbor foliis alternantibus floribus parvis tuba urceolata tepalibus exterioribus crasais incurvis, interioribus minutis membranaceis, staminibus tres fertilibus tepalibus exterioribus oppositus, antheris bilocellatis filamentis basi biglandulosis, ovario stylo distincta, stigmate inconspicua truncata. Species nuncum.

This remarkable plant looks at first sight like an *Endiandra* or a *Beilschmiedia*, because of its very conspicuous prominent leaf reticulation and the small pustules on midrib and branchlets; the leaves, however, are not opposite (as in most *Beilschmiedia*) and the flower tube is urceolate reminding: that of *Cryptocarya*, although the orifice is much wider than that in *Cryptocarya*.

The most remarkable feature are the 3 well developed, fleshy outer tepals, as compared with the inconspicuous membranaceous inner ones. The flower reminds strongly that of Myristicaceae.

The number of fertile stamens is 3, which characteristic it shares with *Endiandra* but the deep urceolate tube does not occur in *Endiandra*, neither the discrepancy in the size and texture of the tepals.

The flowers are too immature to ascertain the shape of the fruit cup, although it seems that the fruit might have a deep cup.

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