

Fig. 1 b. — *Lansium kostermansii* Prijanto

A NEW SPECIES OF COLONA Cav. (Tiliaceae) *)

by

N. WIRAWAN**)

Colona kostermansiana Wirawan, *spec. nov.* — Fig.

Arbor mediocris, foliis chartaceis ad subcoriaceis lanceolatis usque ad late ovato-lanceolatis, basi plerumque symmetricis plerumque truncatis vel obtusis utraque facie stellato scabridis, nerviis lateralibus utrinque 7—11, margine denticulatis serratis vel duplo sinuato-serratis, capsulis alatis cJidftaceis obovoideis.

Tree up to 25 m high and 50 cm diam.; buttresses concave up to 1 m out, 0.5 m high; bark smooth, lenticellate, paperthin, up to 3 mm thick, brown outside, dark brown inside; living bark pale brown, dark brown after exposure, 0.7—15 mm thick. Branchlets stellate puberulent, glabrescent. Stipules early caducous, subulate, asymmetrically auriculate at base, 13 x 2 mm, stellate puberulent. Leaves chartaceous to subcoriaceous, lanceolate to broadly ovate-lanceolate, (3.0—) 9.3—20.6 (—32.5) x (1.2—) 3.4—7.5 (—13.4) cm, base symmetric, rarely asymmetric, mostly truncate or obtuse, rarely subcordate, apex acuminate (acumen up to 3.9 cm long), margin denticulate, serrate or double sinuate-serrate; both surfaces stellate scabrous, upper surface glabrescent, the conspicuous, filiform lateral nerves raised in a groove, secondary nerves obscure; on the lower surface the midrib and the 7—11 pairs of ascendant lateral nerves strongly prominent, slender; secondary nerves prominent, parallel; tertiary nerves conspicuous! areolate. Petiole up to 2 cm long (in young specimens up to 7.5 cm long), 0.2 cm diam., enlarged towards the apex, stellate puberulent.

Flowers unknown. Infructescences axillary and terminal, paniculate, stellate puberulent, main axis up to 14.0 cm long, lower branches up to 4.7 cm long, pedicel c. 1 cm long, articulate. Capsule obovoid, up to 2.5 cm long, 2.0 cm diam., 3—5-winged, base cuneate, apex emarginate, wings chartaceous. Seed-part subglobose, c. 1 cm diam.; coccus 0—4 seeded—seeds ascendant, obconical, c. 4 mm long and 2 mm diam., albuminous; albumen mealy, almost entirely covering the flat, obovoid or oblong cotyledons—radicle c. 1 mm long, testa coriaceous.

TYPUS: *Kuswata 231* (BO).

DISTRIBUTION: Islands of Sumbawa and Rintja (near Komodo Isl.)

*) A revision of *Colona* has been almost completed.
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HABITAT: Monsoon forest, 75—800 m alt.

VERNACULAR NAMES: Kaju bantin, kaju kamal or kaju kamal selaki.

Related to *C. scabra* by its scabrous leaves, but the leaf shape, its base and its margin and the shape of the fruit are different.

NUSA TESIGGARA (Lesser Sunda Isl.), W. S U M B A W A, Bangkat Munteh, alt. 45 m, April, ster., *bb. 14008* (BO); Sniga, alt. 400 m, July, ster., *de Voogd 1619* (BO); Mt. Seli, near Pernek (c. 12 km S. of Sumbawa Besar), alt. 100 m, May, fr., *Kuswata 231* (A, BH, BM, BO, CANB, G, K, KEP, L, LAE, NY, PNH, SAR, SING, US), type; C. S U M B A W A, Mt. Tofo, alt. 75—200 m, June, fr., *Soejarto U* (BO, K, L); Dompur, trail Raba Baka-Matuato, alt. 75—800 m, June, fr., *Soejarto 59* (BO, K, L); R I N T J A I S L., Sok Nelu, along river, June, fr., *Hoogenverf US* (BO).

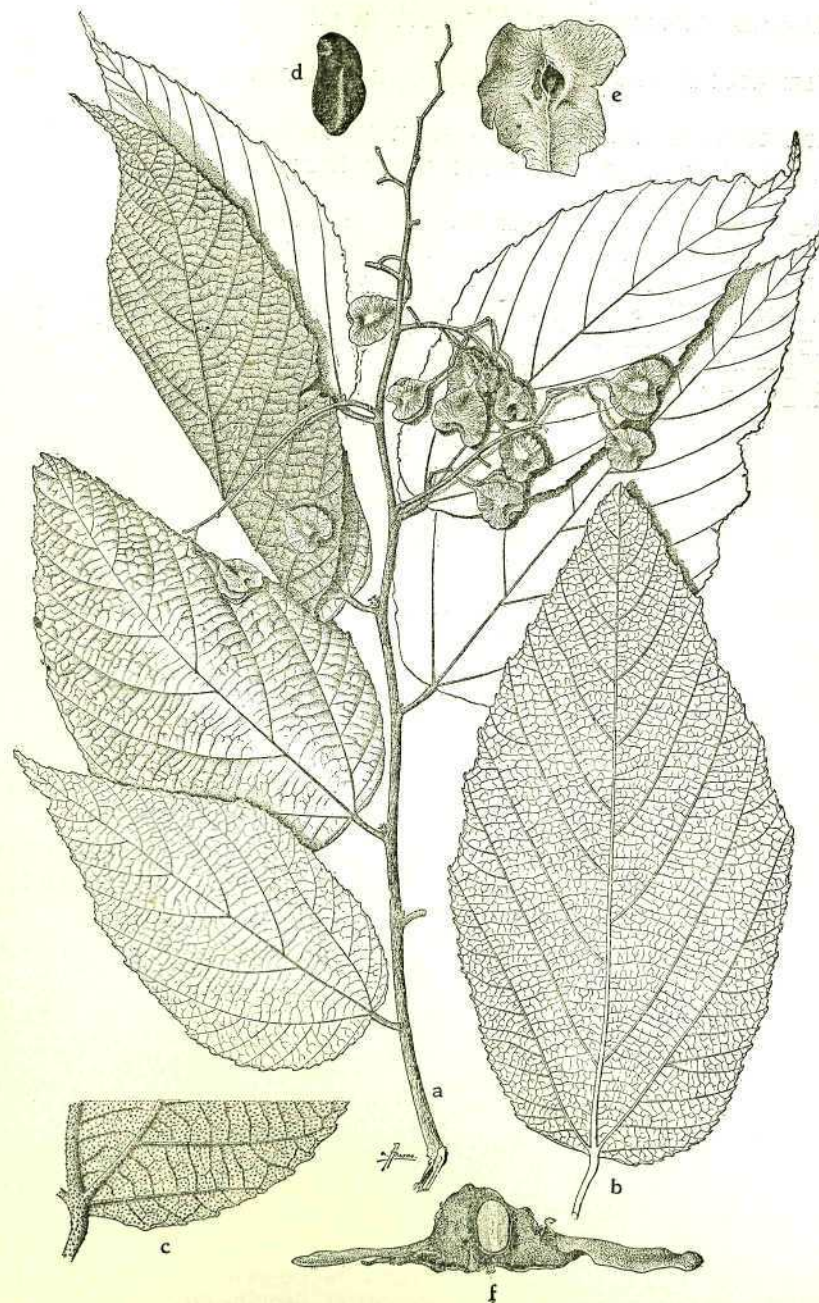


Fig. .1. *Colona kostermansiana* Wirawan; a, fruiting branch, $Vs X$; b, leaf, lower surface, $Vs X$; c, basal part of same, showing stellate scabrous hairs, $1X$; d, seeds ($3y_3X$) removed from cocculus (e, $1x$); f, cross section through cocculus, showing the central, flat cots (pale), $3\% X$; — a,b,c,d,e, after *Kuswata 231* (type), f, after *Hoogenverf 142* (BO).