

2. New Species of Ebenaceae from Thailand.

Working on the revision of the family Ebenaceae for the Flora of Thailand, two undescribed species of the genus *Diospyros* were turned up and are herewith described accordingly.

Diospyros longepilosa sp. nov. Pl. XII

Frutex dioicus, usque 5 m altus. Ramuli graciles, teretes, pilosi. Petioli, pilosi 4-6 mm longi. Folia 10-15 cm longa 2.5-4 cm lata, submembranacea, pilosa glabrescenta, alterna, disticha, oblonga et oblanceolata; basi cordata; apice subabrupte caudata et obtusiuscule acuminata; margine plus minusve ciliata, nervis secundariis distinctis, 8-14 jugis, supra depressis, subtus prominentibus; nervis tertiariis scalariformibus, supra obscuris, subtus subprominentibus. Flores ignoti. Pedunculi 2-3 cm longi, pilosi. Fructus solitarii, ellipsoidei vel ovoidei, 3-4 cm longi, 2.5-3 cm lati; hispidi demum glabrescentes; basi et apice rotundati. Calyx fructifer amplus, 4-lobatus, 2-3.5 cm diametro, lobis anguste lanceolatis, 1-1.5 cm longis, 0.3-0.5 cm latis, basi divisus, plus minusve assurgentibus, pilosis. Semina 4, albumen aequale.

Dioecious shrub, 2-5 m high. Branchlets slender, densely pilose. Leaves simple, alternate, distichous, oblong to oblanceolate, 10-15 by 2.5-4 cm; submembranaceous; pilose, glabrescent; base (sub-) cordate; apex slightly caudate and obtuse-acuminate; margin more or less ciliate; secondary nerves 8-14 pairs, depressed on upper surface, prominent on lower surface; tertiary or scalariform veins hardly distinct on upper surface and subprominent on lower surface; petiole densely pilose, 4-6 mm long. Flowers unknown. Fruit-stalk 2-3 cm long, pilose. Fruits solitary, ellipsoid or ovoid, 3-4 by 2.5-3 cm; hispid later glabrescent; rounded at both ends. Fruiting calyx 4-lobed, 2-3.5 cm across; lobes divided to calyx base, narrowly lanceolate, 1-1.5 by 0.3-0.5 cm, more or less ascending upward, pilose on both sides. Seeds 4, albumen not ruminant.

THAILAND. — Peninsular: Ranong, Hat Hin Dam, near sea. *K. Larsen & S. Larsen 33348* (BKF, holotype); *R. Geesink et al. 7466*.

This species is apparently very close to *D. martabanica* Clarke but differs in the following characters: all vegetative parts densely pilose; seeds with albumen not ruminant; fruiting calyx not reflexed.

***Diospyros thaiensis* sp. nov. Pl. XIII**

Frutex dioecius, usque 5 m altus. Ramuli graciles, teretes, glabri. Petioli valde rugosi, glabri, 5-8 mm longi. Folia 10-19 cm longa, 4-7 cm lata; alterna, disticha, elliptico-oblonga, chartacea, glabra; basi acutata; apice acuminata ad cuspidata; nervis secundariis 7-14, utrinque distinctis, arcuatis et anastomosantibus, supra depressis, subtus prominentibus; venis reticulatis parum distinctis. Flores ignoti. Pedunculi 3-4 cm longi, glabri. Fructus solitarii, ovoidei, curvi 2-3 cm longi, 1-1.5 cm diametro, glabri; basi rotundati; apice curvatim acuminati. Calyx fructifer parvus, 4-lobatus, ± 5 mm diametro, lobis orbicularibus glabris; apice rotundatis, 2-3 mm diam. Semina 4, albumen aequale.

Dioecious shrub, 2–5 m high. Branchlets slender, cylindrical, glabrous. Leaves simple, alternate, distichous, elliptic-oblong, 10–19 by 4–7 cm; chartaceous; glabrous on both surfaces; base acute; apex acuminate to cuspidate; secondary nerves 7–14 pairs, arched and anastomosing well away from the margin; reticulate veins slightly distinct on both surfaces; petiole glabrous, rugose, 5–7 mm long. Flowers unknown. Fruit-stalk linear, 3–4 cm long, glabrous. Fruits solitary, oval, curved to one side, 2–3 by 1–1.5, glabrous; base rounded; apex curved, acuminate. Fruiting calyx 4-lobed, ± 5 mm diameter; lobes orbicular, 2–3 mm across, glabrous, apex rounded. Seeds 4, albumen not ruminant.

THAILAND. — Peninsular: Ranong, Klong Nakha Game Reserve; evergreen forest, alt. 250 m. *Geesink et al. 7410* (BKF, holotype).

This species is apparently very close to *D. nana* Bakh., but differs in the following characters: fruits curved to one side; fruit-stalk linear, up to 3–4 cm long; lobes not emarginate; all parts glabrous.

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Fig. 1: *Diospyros longepilosa* sp. nov. A. Twig & fruit B. Male flowers C. Fruits & seed (K. Larsen & S. Larsen 3348)

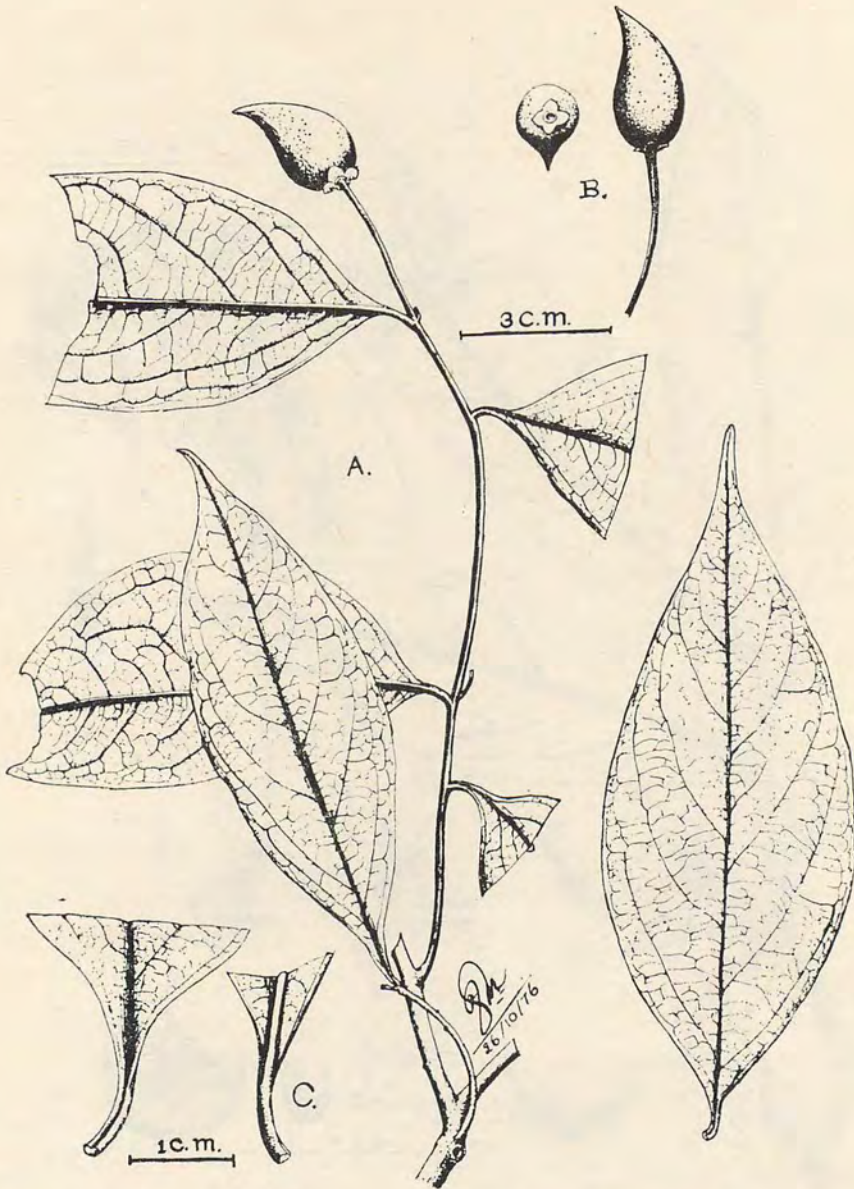


Fig. 2. *Diospyros thaiensis* sp. nov. A. Twig & fruit B. Fruits C. Base of leaves (Geesink et al. 7410)