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Callicarpa moldenkeiana (Verbenaceae), a new species from north-eastern India

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ABSTRACT

RAJENDRAN, A. & P. DANIEL (1993). *Callicarpa moldenkeiana* (Verbenaceae), a new species from northeastern India. *Candollea* 48: 111-113. In English, French and English abstracts.

A new species, *Callicarpa moldenkeiana* Rajendran & Daniel from northeastern India, is described and illustrated.

RÉSUMÉ

RAJENDRAN, A. & P. DANIEL (1993). *Callicarpa moldenkeiana* (Verbenaceae), nouvelles espèce du nord-est de l'Inde. *Candollea* 48: 111-113. En anglais, résumés anglais et français.

Une nouvelle espèce, *Callicarpa moldenkeiana* Rajendran & Daniel du nord-est de l'Inde est décrite et illustrée.

KEY-WORDS: *Callicarpa moldenkeiana* — Meghalaya — India.

Specimens of the genus *Callicarpa* L. in Indian herbaria were studied for a revision of the Indian Verbenaceae. Some specimens from Meghalaya in northeastern India at ASSAM were found to have been wrongly determined as *Callicarpa arborea* Roxb. Though they apparently resembled *C. arborea*, a critical study proved that they belonged to a new species which is described here with an illustration. A comparison is made with the closely related *C. vestita*.

***Callicarpa moldenkeiana* Rajendran & Daniel, spec. nov. (Fig. 1).**

Typus: India: Meghalaya, Punglong, 4.11.1938, *R. N. De 18877* (holo: ASSAM); **Paratypi:** Meghalaya, Khasia & Jaintia hills, Punglong forest, 30.8.1935, *S. R. Sharma 12154*; Meghalaya, Khasia & Jaintia hills, Jarain to Nongthala, 25 km from Jarain on Dawki road, 900 m, 15.11.1968, *N. P. Balakrishnan 49852* (ASSAM).

C. vestita affinis sed habitus fruticoso; partibus junioribus stellato-tomentosis; foliis angustiore lanceolatis ad marginem intergrisis ad laeviter undulatis; inflorescentia duplo vel triplo ramosa; pedunculis petiolis curtioribus differt.

Differs from *C. vestita* in being a shrub, young parts stellate-tomentose, leaves lanceolate, acute or obtuse at base, entire to slightly undulate at margins, long-acuminate at apex, 10-23 × 4-6 cm,



Fig. 1. — *Callicarpa moldenkeiana* Rajendran & Daniel, spec. nov.
A, habit; B, calyx; C, flower.

densely matted with stellate-tomentum beneath, petioles up to 4.5 cm long, inflorescence 2-3 times branched, peduncles 1.5-2.5 cm long, shorter than petioles, corolla lobes oblong and ovary oblong.

Shrub, 3-6 m high; branches and branchlets subterete; young parts densely stellate-tomentose, glabrous when mature; bark brownish grey; nodes annulate; internodes 2.5-10 cm long. Leaves lanceolate, acute or obtuse at base, entire to slightly undulate at margins, long-acuminate at apex, 10-23 × 4-6 cm, subcoriaceous, dark green, glabrous above, paler, densely matted, stellate-tomentose with minute rounded yellow glands beneath; lateral nerves 6-12 pairs, ascending, arcuate at margins, obscure above, distinct beneath; petioles cylindrical, stout, 3-4.5 cm long, densely stellate-tomentose. Cymes axillary, 2-3 times dichotomously branched; peduncles slender, terete, shorter than petioles, 1.5-2.5 cm long, stellate-tomentose; bracts linear-lanceolate, $\pm 5 \times 2$ mm. Flowers numerous, purple. Calyx cupular, $\pm 1 \times 1$ mm, 4-toothed; teeth acute, stellate-tomentose outside. Corolla infundibular, 4-lobed; lobes oblong, obtuse, $\pm 1 \times 0.5$ mm, glabrous; tube narrow, $\pm 1.5 \times 1$ mm, glabrous. Stamens 4, inserted below mouth of corolla tube; filaments filiform, 1.5-2 mm long, glabrous; anthers oblong, $\pm 1 \times 0.1$ mm, 2-celled, divaricate, basifixed. Ovary oblong, $\pm 1 \times 0.3$ mm, glabrous; style slender, ± 4 mm long; stigma capitate. Drupes globose, $\pm 2 \times 2$ mm, purple black when mature; fruiting-calyx platelliform, $\pm 0.2 \times 1$ mm, membranous, pubescent.

Flowering and fruiting. — August-November.

Habitat. — In secondary forests, mostly on hill slopes of evergreen forests, at about 900 m.

Distribution. — Meghalaya, Punglong forests in Khasia and Jaintia hills.

Note. — This species is named after Dr. Harold N. Moldenke, a lifetime student of the Verbenaceae who has contributed enormously to the family.

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