

50. DEUTZIANTHUS Gagnepain, Bull. Soc. Bot. France 71: 139. 1924.

东京桐属 dong jing tong shu

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Trees, dioecious; indumentum of stellate hairs. Leaves alternate; petiole long, with 2 apical glands; leaf blade simple; basal veins 3, lateral veins prominent. Inflorescences terminal, branched thyrses, female inflorescences narrow and shorter than male. Male flowers: calyx campanulate, shallowly 5-fid; petals 5, alternating with sepals, valvate; disk 5-parted; stamens 7, in 2 series; outer 5 filaments free, inner 2 usually connate to below middle; rudimentary ovary absent. Female flowers: sepals triangular; petals as in male; disk cupular, 5-fid; ovary hairy, 3-locular; ovules 1 per locule; styles 3, partly connate. Fruit a drupe, subglobose, indehiscent; epicarp crustaceous; endocarp woody. Seeds ellipsoid; seed coat hard-crustaceous; endosperm spongy.

Two species: China, Indonesia (Sumatra), Vietnam; one species in China.

1. *Deutzianthus tonkinensis* Gagnepain, Bull. Soc. Bot. France 71: 139. 1924.

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Trees up to 12 m tall; trunk to 30 cm d.b.h.; young branches densely stellate-hairy, glabrescent, with prominent leaf scars. Petiole 5–20 cm, glabrous, 2-glandular at apex; leaf blade elliptic-ovate to elliptic-rhomboid, 10–15 × 6–11 cm, abaxially glaucous-gray, glabrous except for tufted pubescent vein axils, adaxially glabrous, base cuneate or broadly cuneate to rounded, margin entire, apex acute to acuminate; lateral veins 5–7 pairs, arcuately ascending, anastomosing near margins. Inflorescence terminal, densely gray pubescent; male inflorescences ca. 15 × 20 cm; female inflorescences ca. 10 × 12 cm, bracts persistent and nearly filamentous. Male flowers: calyx campanulate, lobes triangular, ca. 1 mm; petals oblong, ligulate, hairy on both surfaces; disk 5-parted; stamens 7; filaments hairy; anthers exerted. Female flowers: calyx and sepals as in male, calyx 2–5 mm; disk cupular, 5-fid; ovary sericeous; styles dichotomous, diverging at apex. Fruits slightly compressed globose, ca. 4 cm in diam., gray pubescent; exocarp thickly crustaceous; endocarp woody. Seeds ellipsoid, ca. 2.5 × 1.8 cm; seed coat smooth, glossy. Fl. Apr–Jun, fr. Jul–Sep.

Densely forested slopes; below 900 m. SW Guangxi, S Yunnan [N Vietnam].

Fl. China 11: 267. 2008.