

9. **DICHOTOMANTHES** Kurz, J. Bot. 11: 194. 1873.¹

牛筋条属 niu jin tiao shu

Lu Lingdi (陆玲娣 Lu Ling-ti); Stephen A. Spongberg

Shrubs or small trees. Leaves alternate, simple, venation camptodromous, margin entire, rarely serrate; stipules caducous, small; petiole short. Inflorescences terminal, compound-corymbose, many flowered; bracts usually caducous. Hypanthium campanulate. Calyx fleshy and enlarged in fruit, with 2 bracteoles basally; sepals 5, white, suborbicular or obovate. Stamens (15–)20; filaments alternately shorter; anthers didymous. Carpel 1, inserted at base of hypanthium; ovary superior, 1-loculed; style subterminal to lateral; stigma discoid, margin irregular; ovules 2, collateral, erect. Fruit dry, usually exserted from fleshy hypanthium, sepals persistent and erect; carpel leathery, 1-seeded; seeds compressed; cotyledons plano-convex.

- One species.

1. **Dichotomanthes tristaniicarpa** Kurz, J. Bot. 11: 195. 1873.

牛筋条 niu jin tiao

Shrubs to small trees, 2–7 m tall. Branchlets grayish brown to grayish black when old, initially densely yellowish white tomentose, glabrescent, glabrous when old; buds ovoid, small, initially tomentose, gradually glabrescent, apex obtuse or ± acute. Petiole 4–6 mm, thick, densely yellowish white tomentose; stipules caducous, filiform; leaf blade elliptic to oblong-lanceolate, sometimes obovate or oblanceolate, 3–6 × 1.5–2.5 cm, lateral veins 7–12 pairs, abaxially initially densely yellowish white tomentose, later thinly so or glabrescent, adaxially glabrous or with few hairs only along midvein, base cuneate to rounded, margin entire, rarely sparsely serrate above middle, apex acute or obtuse, usually abruptly pointed. Inflorescences 2–5 × 3–6 mm; rachis and pedicels yellowish white tomentose; bracts caducous, lanceolate, membranous. Pedicel 1–3 mm. Flowers 5–9 mm in diam. Hypanthium 2–3 mm, both sides densely tomentose. Sepals green, triangular, shorter than hypanthium, margin toothed, apex obtuse. Petals white, suborbicular or broadly ovate, 3–4 mm, base shortly clawed, apex obtuse or emarginate. Stamens (15–)20, shorter than petals; filaments glabrous, smooth. Ovary pubescent abaxially; style subterminal to lateral at anthesis, becoming subterminal at fruiting, not exceeding stamens, glabrous; stigma discoid-capitate, lobulate. Fruit red, long terete, 5–7 mm, hard, glabrous except apex slightly shortly pubescent, exserted from fleshy hypanthium, base of style forming a small apicula. Fl. Apr–May, fr. Aug–Nov.

- Mixed forests, evergreen forest margins, slopes; 1300–2500 m. Sichuan, Yunnan.

- 1a. Leaves abaxially initially densely yellowish white tomentose, thinly so when old 1a. var. *tristaniicarpa*
- 1b. Leaves abaxially initially densely yellowish white tomentose, gradually glabrescent, subglabrous or slightly pubescent only along midvein when old 1b. var. *glabrata*

1a. **Dichotomanthes tristaniicarpa** var. **tristaniicarpa**

牛筋条(原变种) niu jin tiao (yuan bian zhong)

Leaf blade initially densely yellowish white tomentose abaxially, thinly so when old.

- Mixed forests, evergreen forest margins, open slopes; 1500–2500 m. Sichuan, Yunnan.

1b. **Dichotomanthes tristaniicarpa** var. **glabrata** Rehder in Sargent, Pl. Wilson. 2: 344. 1915.

光叶牛筋条 guang ye niu jin tiao

Dichotomanthes tristaniicarpa f. *glabrata* (Rehder) C. Y. Wu & Lihua Zhou.

Leaf blade initially densely yellowish white tomentose abaxially, gradually glabrescent, subglabrous or slightly pubescent only along midvein when old.

- Slopes; 1300–1500 m. S Yunnan (Simao Xian).

Wu Zhengyi (editor's note) believes this variety is merely a form occurring on the southern margin of the distribution of the species.

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