

5. **DIPELTA** Maximowicz, Bull. Acad. Imp. Sci. Saint-Pétersbourg 24: 50. 1877.

双盾木属 *shuang dun mu shu*

Shrubs, erect, deciduous. Winter buds with several pairs of scales. Leaves opposite, estipulate, shortly petiolate, slightly pubescent on veins and margin, margin entire or dentate at apex. Inflorescences of single flowers, paniculate; ovaries with 4 bracts at base; bracts unequal in size, larger 2 tightly adnate to ovary. Sepals 5, linear to lanceolate, ± fused at base. Corolla bilabiate, distinctly narrowed and gibbous at base; upper lip 2-lobed; lower lip 3-lobed. Stamens 4, didynamous, partially adnate to corolla tube, included. Ovary 4-locular, 2 locules with 2 series of sterile ovules, 2 locules each with a single fertile ovule; style slightly shorter than corolla. Fruit an achene with 2 accrescent, membranous, winglike bracts at base, crowned with persistent calyx.

- Three species: China.

- 1a. Sepals fused into a tube for at least 2/3 of their length; style villous 3. *D. elegans*
- 1b. Sepals fused for less than 1/2 their length; style glabrous to sparsely hairy.
 - 2a. Narrow part of corolla tube exerted from sepals; accrescent bracts often peltate, obscuring sepals at anthesis, calyx divided to base 1. *D. floribunda*
 - 2b. Narrow part of corolla tube not exerted from sepals; accrescent bracts reniform, not obscuring sepals at anthesis, calyx divided 1/2–2/3 2. *D. yunnanensis*

1. **Dipelta floribunda** Maximowicz, Bull. Acad. Imp. Sci. Saint-Pétersbourg 24: 51. 1877.

双盾木 *shuang dun mu*

Dipelta floribunda var. *parviflora* Rehder.

Shrubs or small trees, to 6 m tall, deciduous. Branches glandular hairy, becoming glabrous. Petiole 6–14 mm; leaf blade ovate to lanceolate, 4–10 × 1.5–6 cm, midvein white pubescent, base cuneate or obtuse, margin entire, occasionally remotely 2- or 3-dentate at apex, apex acute or long acuminate. Peduncles to 10 mm; ovaries with 4 bracts tightly adnate to base; 2 outer bracts larger, peltate, obscuring sepals at anthesis, accrescent to 20 mm wide when mature, dry membranous, with conspicuous veins; 2 inner bracts smaller, unequal, one ovate, other smaller and narrowly elliptic. Calyx 5-lobed, glandular hairy; lobes linear, 5–7 mm. Corolla white to pink, bilabiate, narrowly cylindrical at base, flaring and campanulate in upper part, 25–40 mm; lower lip with reticulate orange-yellow markings. Ovary pubescent; style filiform, glabrous to sparsely hairy. Achene crowned with persistent calyx, enclosed within 2 accrescent, membranous, winglike, peltate bracts. Fl. Apr–Jul, fr. Aug–Sep.

- Mixed forests, scrub; 600–2200 m. Gansu, Guangxi, Hubei, Hunan, Shaanxi, Sichuan.

Dipelta wexianensis Y. F. Wang & Lian (Acta Bot. Boreal.-Occid. Sin. 14(6): 91, f. 92. 1994; as seen in the illustration but type specimen not located) and a specimen collected in Gansu (Wenxian: Bikou, *D. E. Boufford 37425*) with peltate bracts, pilose style, calyx divided to base, and short corolla tube both show intermediate characters between *D. floribunda* and *D. yunnanensis*. It is not excluded that other intermediate specimens exist.

2. **Dipelta yunnanensis** Franchet, Rev. Hort. 63: 246. 1891.

云南双盾木 *yun nan shuang dun mu*

Dipelta ventricosa Hemsley; *D. yunnanensis* var. *brachycalyx* Handel-Mazzetti.

Shrubs, deciduous, to 4 m tall. Branches pubescent. Peti-

ole to 5 mm; leaf blade elliptic to lanceolate, 5–10 × 2–4 cm, abaxially white villous on midvein, ciliate along margin, adaxially sparsely pubescent, base cuneate to rounded, margin entire or rarely remotely dentate, apex acuminate to long acuminate. Ovaries with 4 bracts; 2 outer bracts larger, reniform, accrescent in fruit and not obscuring calyx at anthesis; 2 inner bracts smaller, unequal, one ovate, other smaller and narrowly elliptic. Calyx 5-lobed, pubescent; lobes divided 1/2–2/3, spreading in fruit. Corolla white to dark pink, bilabiate, 20–40 mm, very short and narrowly tubular at base; lower lip pubescent with yellow-orange reticulate markings. Ovary pubescent; style inserted, glabrous. Achene ovoid with a short neck, pubescent. Achene crowned with persistent calyx, enclosed within 2 accrescent, membranous, winglike, and reniform bracts. Fl. May–Jul, fr. Jul–Nov.

- Mixed forests, scrub; 800–2400 m. Gansu, Guizhou, Hubei, Shaanxi, Sichuan, Yunnan.

3. **Dipelta elegans** Batalin, Trudy Imp. S.-Peterburgsk. Bot. Sada 14: 174. 1895.

优美双盾木 *you mei shuang dun mu*

Shrubs, deciduous, to 2 m tall. Leaf blade elliptic, 5–10 × 2–5 cm, glandular hairy, pubescent on veins and margin, base acute to rounded, margin entire or remotely dentate in upper 1/2, apex long acute to long acuminate. Ovaries with 4 bracts; 2 outer bracts larger, peltate, accrescent in fruit and not obscuring calyx at anthesis. Calyx tubular-campanulate, 5-lobed, sparsely hairy; lobes obtuse, ca. 1/3 as long as tube. Corolla bilabiate, densely pubescent, narrowly cylindrical at base, flaring and campanulate in upper part; lower lip villous. Ovary pubescent; style pilose to sparsely pubescent; stigmas capitate. Achene with 2 very large persistent peltate bracts to 40 mm wide. Fl. May–Jun, fr. Sep.

- Broad-leaved forests; ca. 2000 m. Gansu, ?Shaanxi, Sichuan.

Fl. China 19: 646–647. 2011.