
飞蛾藤属 *fei e teng shu*

*Dinetopsis* Roberty.

Twiners, herbaceous. Leaves simple, petiolate, cordate, herbaceous, margin entire (lobed in 1 species), venation pedate; veins raised abaxially, often winged. Inflorescences solitary or paired, axillary, bracteate racemes or panicles; bracteoles usually minute scales (sepal-like in *D. duclouxii*), basal to calyx. Pedicel filiform. Flowers often fragrant. Sepals free and quincuncial or short connate basally and valvate distally, equally enlarged or outer 3 larger, reflexed or clasping, with (5 or) 7 or 9 (or 11) longitudinal veins basally. Corolla funnelform or nearly salverform, entire to 5-lobed, glabrous except for an apical tuft of hairs. Stamens included; filaments glabrous or basally pilose; anthers linear to sagittate. Pollen 3-colpate, not spiny. Disc ringlike, 5-lobed, or absent. Pistil included; ovary unilocular; ovules 2. Style often jointed proximally; stigma ellipsoid, entire or slightly 2-lobed. Fruit papery, indehiscent. Seed 1, often longitudinally keeled, smooth, glabrous.

Eight species: Bhutan, China, India, Indonesia, Laos, Myanmar, Nepal, Pakistan, Philippines, Thailand, Vietnam; six species in China. Fang Rhei-cheng considers *Dinetus* as a synonym of *Porana*.


白藤 *bai teng*


Herbs perennial; indumentum silvery white. Stems glabrescent. Petiole 2.5–8.4 cm; leaf blade broadly ovate-cordate, 8–14 × 4.8–10 cm, abaxially subglabrous to ± shiny grayish white sericeous, adaxially glabrous to sparsely strigillose. Panicle pendent, 21–33 cm; bracts cordate, sessile, to 4 × 2 cm, ± deciduous; bracteoles 2, filiform, ca. 3 mm. Pedicel 0.8–1.2 cm. Flowers 1.7–2.3 cm. Sepals lanceolate to ± spatulate, equal, 2–3 mm, ± golden sericeous abaxially, apex recurved. Fruiting calyx loosely clasping; sepals tan to purplish brown, oblong to ± spatulate, flat, unequal, glabrous, outer 3 sepals 2.3–3.1 cm × 6–8 mm, inner 2 smaller. Corolla rose-pink or purplish to white, slender funnelform to nearly salverform; limb 1.5–1.8 cm in diam., subentire, apical hair tufts golden. Stamens unequal, 5–8 mm, glabrous; anthers hastate. Disc absent. Ovary ovoid-conical. Stigma broadly ellipsoid-oblong, emarginate. Fruit tan, reddish, or purplish-brown, obovoid, 6–7 × 4–5 mm, glabrous, apiculate. Seed reddish tan, globose to ellipsoid, 4–5 × ca. 4 mm. Fl. Jun-Sep, fr. Oct-Dec.

Forests in river valleys, steep often rocky slopes; 1300–3500 m. S Sichuan, Yunnan [NE India, ?N Myanmar].


蒙自飞蛾藤 *meng zhi fei e teng*


Herbs perennial; indumentum yellowish. Stems tomentose-pilose, glabrescent. Petiole 2.3–7 cm; leaf blade cordate to broadly ovate-cordate, 5.8–11 × 4.3–8.7 cm, abaxially tomentose, denticulate along veins, adaxially ± sericeous. Panicle 18–35 cm; bracts ovate; bracteoles 2, minute scales. Pedicel 4–5 mm. Flowers 4–7 mm. Sepals narrowly navicular, 1–2 mm, short connate basally, margin reddish sericeous or glabrous abaxially. Fruiting calyx clasping; sepals spatulate to linear-oblong, ± equal, 6–10 × 1.5–3 mm, sometimes ciliate. Corolla white, campanulate; limb 4–6 mm, entire. Stamens unequal, 2 (or 3) reaching throat; filaments pilose basally; anthers sagittate. Disc ringlike. Ovary conical. Stigma ellipsoid-globose, emarginate. Fruit tan to brownish, ellipsoid-ovoid, rarely obovoid, 6–8 × 4–5 mm, glabrous, apiculate. Seed brownish, ellipsoid, ca. 3

Forest margins and grassy slopes in mountainous areas; 1200–2200 m. Sichuan, Yunnan [NE India, ?N Myanmar].


Herbs perennial; indumentum dull yellow to golden. Stems tomentose to glabrous. Petiole 2.2–7 cm; leaf blade broadly ovate to variously lobed or incised, 6.4–11.5 × 4.3–9.6 cm, glabrous to ± sticky; veinlets minutely pustulate abaxially. Panicle or raceme 8–17(–40) cm; bracts ovate to linear-subulate; bracteoles 3, at base of calyx, sepallike, unequal, enlarged in fruit. Pedicel 6–11 mm. Flowers 2.2–3.5 cm. Sepals triangular-ovate to linear-subulate, outer 3 sepals 3–8 mm. Fruitting calyx clasping; sepals tan to purple-brown, narrowly ovate to elliptic, outer 3 sepals 1.9–3.7 × 0.7–1.3 cm, inner 2 smaller. Corolla blue, reddish, purplish, yellow, or white, salverform to narrowly funnelform; limb 2.8–4.4 cm in diam., 5-parted. Stamens unequal, 1.2(–1.3) cm in diam., 5-parted. Ovaries ovoid. Stigma ellipsoid to clavate, apex rounded-obtuse, apiculate. Corolla white, yellow in tube, funnelform, (7–)8–11 mm; limb (0.6–)0.8–1.2(–1.3) cm in diam., 5-parted. Stamens included, unequal, 1.5–2.5 mm; filaments pilose basally. Disc absent. Pistil included; ovary ovoid. Stigma ellipsoid to clavate, apex emarginate. Fruit often brown-purple striate, slenderly ellipsoid-obovoid, 3.4–(–5) mm, glabrous, apex acute or acuminate. Seed reddish to dark brown, ellipsoid-globe, 3–5 × 2.5–4 mm. Fl. summer-fall, fr. fall-winter. 2n = 28.

Various soil types, often weedy around human habitations and disturbed sites, thickets, forests, scrub, watercourses, hillsides; 100–3200 m. Anhui, Fujian, Gansu, Guangdong, Guangxi, Guizhou, Hainan, Henan, Hunan, Jiangsu, Jiangxi, Shaanxi, Sichuan, Xizang, Yunnan, Zhejiang [Bhutan, India, Indonesia, Laos, Myanmar, Nepal, Pakistan, Philippines, Thailand, Vietnam].

The whole plant is used medicinally.


Porana racemosa Wallich in Roxburgh, Fl. Ind., 2: 41. 1824; P. gagnepainiana H. Lévéillé; P. racemosa var. tomentella C. Y. Wu; P. racemosa var. violacea C. Y. Wu.

Herbs annual; indumentum yellowish to silvery. Stems glabrescent. Pedicel 2.9–7.7 cm; leaf blade deeply cordate, 6–16.7 × 3.3–9.4 cm, abaxially puberulent to tomentellous, adaxially striate. Pedicel 13–45 cm; lowest bracts coriaceous, prominently veined in fruit; bracteoles 2, minute scales. Pedicel 4–7 mm. Sepals lanceolate-linear, equal, 1–2 mm, glabrous to silvery or pubescent abaxially. Gradually reflexed, tan to purplish; sepals spinulose to obovate, flat or slightly concave, 0.9–1.4(–1.8) cm × 2.5–4(–5) mm, puberulent or glabrous abaxially, abaxially, apex rounded-obtuse, apiculate. Corolla white, yellow in tube, funnelform, (7–)8–11 mm; limb (0.6–)0.8–1.2(–1.3) cm in diam., 5-parted. Stamens included, unequal, 1.5–2.5 mm; filaments pilose basally. Disc absent. Pistil included; ovary ovoid. Stigma ellipsoid to clavate, apex emarginate. Fruit often brown-purple striate, slenderly ellipsoid-obovoid, 3.4–(–5) mm, glabrous, apex acute or acuminate. Seed reddish to dark brown, ellipsoid-globe, 3–5 × 2.5–4 mm. Fl. summer-fall, fr. fall-winter. 2n = 28.

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mucronulate. Fruit straw colored to rusty brown, angles often
darker, pendent, inflated, broadly obovoid to rhomboid, ± 5-
angled, 4–6(--8) 4–6.5(--8) mm, glabrous or puberulent,
truncate or depressed-concave apically. Seed yellowish to
dark red-brown, ellipsoid to ± globose, 3–5 (2–)3–4 mm,

Sandy, silty, or clay soils, damp forest clearings, roadsides,
thickets, fallow cultivated land; 700–2500 m. Anhui, Guangdong,
Guangxi, Jiangxi, Yunnan [E Myanmar, N Thailand].