

26. **PARSONSIA** R. Brown, Mem. Wern. Nat. Hist. Soc. 1: 64. 1811, nom. cons.

同心结属 *tong xin jie shu*

Lianas woody, latex white. Leaves opposite. Cymes corymbose or paniculate, dichotomous, terminal or axillary, pedunculate. Flowers small. Calyx with basal glands inside or 5-scaled. Corolla salverform, tube short, hairy inside distally, faulcal scales absent, lobes overlapping to right. Stamens inserted at middle of corolla tube or at throat; filaments long, strongly intertwined or geniculate; anthers narrowly sagittate, exerted, glutinous, connivent into a subcylindric cone, adherent to middle of pistil head, cells with an empty tail; disc 5-lobed or 5-scaled. Ovaries 2; ovules numerous in each carpel. Style filiform; pistil head thickened, apex entire or 2-cleft. Follicles 2, terete, parallel or divergent. Seeds linear or oblong, apex crowned with coma; endosperm scanty; cotyledons very narrowly oblong, flat, radicle superior.

About 50 species: SE Asia, Pacific Islands; two species in China.

- 1a. Leaf blade ovate to subelliptic; petiole 2–4 cm; stamens inserted at middle of corolla tube ..... 1. *P. alboflavescens*  
1b. Leaf blade narrowly or very narrowly elliptic; petiole 0.5–1 cm; stamens inserted at corolla throat ..... 2. *P. goniostemon*

1. ***Parsonsia alboflavescens*** (Dennstedt) Mabberley, Taxon 26: 532. 1977.

海南同心结 *hai nan tong xin jie*

*Periploca alboflavescens* Dennstedt, Schlüssel Hortus Malab. 12, 23, 35. 1818; *Echites laevigata* Moon; *Heligme spiralis* (Wallich ex G. Don) Thwaites; *Parsonsia helicandra* Hooker & Arnott; *P. howii* Tsiang; *P. laevigata* (Moon) Alston; *P. spiralis* Wallich ex G. Don.

Lianas woody, to 10 m, glabrous except for inflorescences. Branches pale gray. Petiole 2–4 cm; leaf blade ovate or subelliptic, 4–12 × 3–7.5 cm, base cuneate to shallowly cordate; lateral veins 5–7 pairs. Cymes 8–15 × 8–11 cm; peduncle 3–9 cm. Sepals ca. 2 mm, glands broadly triangular, membranous. Corolla white or greenish, tube ca. 5 mm, limb 1–2 cm wide, lobes ca. 6 mm. Anthers ca. 3.5 × 0.6 mm, inserted at middle of corolla tube. Ovary as long as or slightly shorter than disc, glabrous. Follicles 2, linear-cylindric, parallel, 7–16 × 1–2 cm. Seeds oblong 1.5–1.8 cm × ca. 2 mm, coma 2–4.5 cm. Fl. Apr–Oct, fr. Sep–Dec.

Mixed montane woods; 200–500 m. Fujian, Guangdong, Hainan, Taiwan [Cambodia, India, Indonesia, Japan (Ryukyu Islands), Laos, Malaysia, Myanmar, Philippines, Sri Lanka, Thailand, Vietnam].

2. ***Parsonsia goniostemon*** Handel-Mazzetti in Tsiang, Sunyatsenia 2: 165. 1934.

广西同心结 *guang xi tong xin jie*

Lianas woody, to 13 m, glabrous except for inflorescences. Branches slender, lenticellate. Petiole 5–10 mm; leaf blade narrowly elliptic, 6–10 × 2–3 cm, base cuneate to narrowly rounded; lateral veins 5–7 pairs. Cymes to 7 × 7 cm; peduncle 2–3.5 cm. Pedicel 4–10 mm. Calyx ca. 1.5 mm, broader at base. Corolla greenish, ca. 5 mm. Stamens inserted at corolla throat; disc cupular. Ovary obscurely 2-lobed. Style long; pistil head ovoid. Follicles ca. 12 cm, connate, narrowly fusiform, glabrous. Seed coma ca. 4 cm. Fl. May–Aug, fr. Aug–Dec.

- Rocky areas; 500–800 m. Guangxi (Longjin, Lingyun).

