

10. SINOBALJIANIA C. Jeffrey & W. J. de Wilde, Bot. Zhurn. 91: 769. 2006.

白兼果属 bai jian guo shu

Lu Anmin (路安民 Lu An-ming); Charles Jeffrey

Herbs, perennial, scandent. Root spheroid, enlarged. Stem and branches sulcate and angular, without verrucose glands, sparsely puberulent. Leaf blade ovate-cordate or triangular-cordate, membranous, abaxially hispid on veins, adaxially strigose-punctate, margin entire or 2- or 3-lobed. Male inflorescence racemose, 5–8-flowered, bracteate; calyx segments triangular-ovate, valvate, sparsely pilose; corolla oblong or ovate; stamens 5; anthers curved. Female flowers 1–3, ovoid or cylindrical; ovules numerous, horizontal. Fruit subglobose or cylindrical. Seeds ovate or ovate-oblong, apex truncate or obtuse, unwinged. $2n = 32$.

Four species: S China, Laos, Thailand; three species (two endemic) in China.

One of us (Lu) does not recognize “micro-genera” such as this; however, for the purposes of this Flora, the treatment by the co-author (Jeffrey) is followed.

- 1a. Leaves 3–5-parted; fruit subglobose 3. *S. taiwaniana*
1b. Leaves entire, undulate, crenate, or lobed; fruit cylindrical.
2a. Leaves entire, undulate; seeds triangular-ovate, apex obtuse and apiculate 1. *S. decipiens*
2b. Leaves crenate or lobed; seeds ovate, apex broadly truncate 2. *S. yunnanensis*

1. *Sinobaljiania decipiens* C. Jeffrey & W. J. de Wilde, Bot. Zhurn. 91: 769. 2006.

白兼果 bai jian guo

Stem and branches setose and pubescent at first, ultimately glabrous. Petiole 2–6 cm; leaf blade narrowly ovate-cordate, 8–15 × 5–10 cm, membranous or papery, abaxially sparsely puberulent or subglabrous, adaxially setose at first, ultimately strigose-punctate, pubescent on veins, base cordate, margin entire or callose-serrate, apex acuminate; sinus semicircular or suborbicular, 1.5–2.5 cm deep, 2–3 cm wide. Tendrils 2-fid. Plants dioecious. Male inflorescence racemose or paniculate; rachis 3–14 cm, pubescent, 7–15-flowered; pedicel 5–10 mm, pubescent, base with a lanceolate or narrowly ovate, 2–3 mm bract; calyx tube cupular, 2.5–3 mm, ± puberulent; segments lanceolate, 6–7.5 mm, base 2–3 mm wide, 3-veined, apex acuminate; corolla yellow; segments narrowly ovate, 6–6.5 mm, apex acute; stamens 4 in pairs and 1 free; filaments ca. 1 mm; anthers terete, 1-celled, ca. 3 mm, cells curved, puberulent. Female flowers solitary, or 2- or 3-flowered at apex of peduncle; pedicel ca. 5 mm, puberulent; calyx and corolla as in male flowers; ovary oblong, ca. 8 × 4 mm, densely hispid or pubescent; style ± long, filiform, ca. 7 mm, 3-fid; stigma 2-lobed, enlarged. Fruiting pedicel stout, sulcate-angular, 2–2.5 cm, densely pubescent and setose, ultimately glabrous; fruit red-brown when mature, oblong or subglobose, 5.5–6.5 × 4–5 cm, pubescent at first, ultimately glabrous. Seeds numerous, pale yellow-brown, triangular-ovate, ca. 8 × 7 mm, ca. 3 mm thick, both surfaces smooth, base obtuse-rounded, constricted above, apex truncate. Fl. Jun–Aug, fr. Sep–Dec.

• Forests, river valleys. Guangdong, SE Xizang (Mêdog), SE Yunnan (Xichou).

2. *Sinobaljiania yunnanensis* (A. M. Lu & Zhi Y. Zhang) C. Jeffrey & W. J. de Wilde, Bot. Zhurn. 91: 769. 2006.

云南白兼果 yun nan bai jian guo

Siraitia borneensis (Merrill) C. Jeffrey ex A. M. Lu & Zhi Y. Zhang var. *yunnanensis* A. M. Lu & Zhi Y. Zhang, Guihaia

4: 31. 1984; *Baijiania yunnanensis* (A. M. Lu & Zhi Y. Zhang) A. M. Lu & J. Q. Li; *S. borneensis* var. *lobophylla* A. M. Lu & Zhi Y. Zhang.

Tuber complanate-spheroid, 10–13 × 6–8 cm. Stem angular-sulcate, sparsely puberulent. Petiole 3–9 cm; leaf blade ovate-cordate, 5–13 × 4–10 cm, membranous, abaxially pilose, hispid on veins, adaxially scabrous, margin irregularly dentate or slightly 3-lobed, apex acute. Tendrils 2-fid. Male flowers: 8 in raceme; peduncle 4–6 cm; bracts broadly obovate, 5–6 × 3–4 mm, pubescent; calyx segments triangular-ovate or ovate, 5.5–8 × 3–5 mm, 3-veined, apex acuminate; corolla segments oblong, 10–13 × 7–8 mm, villous, 5-veined, base truncate, apex obtuse; filaments 3–3.5 mm; anthers curved, 3.5–5 mm. Female flowers solitary or paired; pedicel 1–1.5 cm, pubescent; ovary cylindrical, ca. 10 × 4 mm, densely villous. Fruit cylindrical, ca. 5 × 3.3 cm. Seeds numerous, ovoid or ovoid-oblong, 7–8.5 × 4.5–6 mm, ca. 1.5 mm thick.

Valley sides, forests; 1000–1800 m. S and SW Yunnan [N Laos].

De Wilde and Duyfjes (Blumea 51: 497. 2006) cited evidence suggesting that the type of *Siraitia borneensis* var. *lobophylla* may represent a species of *Sinobaljiania* distinct from *S. yunnanensis*.

3. *Sinobaljiania taiwaniana* (Hayata) C. Jeffrey & W. J. de Wilde, Bot. Zhurn. 91: 770. 2006.

台湾白兼果 tai wan bai jian guo

Thladiantha taiwaniana Hayata, J. Coll. Sci. Imp. Univ. Tokyo 30(1): 119. 1911; *Baijiania taiwaniana* (Hayata) A. M. Lu & J. Q. Li; *Siraitia taiwaniana* (Hayata) C. Jeffrey ex A. M. Lu & Zhi Y. Zhang.

Stem and branches sulcate-angular, subglabrous. Petiole ca. 3 cm; leaf blade oblong-cordate or ovate-cordate, 5–12 × 5–10 cm, abaxially sparsely setose at first, ultimately glabrous, adaxially scabrous, punctate, 5-veined, base deeply cordate, margin irregularly dentate, 3-lobed, apex acute; median lobe oblong, ca. 6 × 3.5 cm. Tendrils simple. Male flowers: inflorescence racemose, axillary, 6–7 cm; bracts broadly obovate, ca.

Flora of China 19: 20–21. 2011.

7 × 5 mm, pubescent; calyx tube ca. 4 mm in diam., pubescent; segments 5, triangular-ovate, ca. 4 × 2.5 mm, apex acuminate; corolla segments 5, oblong, apex obtuse. Fruit globose, ca. 2.5 cm in diam., pubescent.

- Taiwan.

Flora of China 19: 20–21. 2011.