

10. PARROTIA C. A. Meyer, Verzeichn. Pfl. Casp. Meer. 46. 1831.

银缕梅属 yin lu mei shu

Shaniodendron M. B. Deng et al.

Trees, deciduous, up to 30 m tall; branches with 1 prophyll, stellately pubescent when young, glabrescent. Leaves alternate; stipules caducous, leaving small scars; leaf blade broadly obovate or elliptic, membranous, usually dentate towards leaf apex, venation craspedodromous, both surfaces stellately pubescent. Plants andromonoecious. Inflorescence a capitate spike, axillary and terminal, 3–7-flowered; floral bracts large, brown; bracteoles absent. Flowers male or bisexual, open before leaves. Sepals 7–8(–10), irregular in shape, spirally arranged, basally united, persistent. Petals absent. Stamens (5–)10–15, anthers elongate, thecae 2-sporangiate, each dehiscent by a longitudinal slit. Ovary semi-inferior, ovules 1 per locule; styles long, stigmas decurrent. Capsules arranged spirally along rachis, sessile, long-globose, woody, densely stellately pubescent. Seeds ellipsoid. $2n = 24$.

Two species; one species in SW Asia (S Caspian region) and one in China.

1. *Parrotia subaequalis* (H. T. Chang) R. M. Hao & H. T. Wei, Acta Phytotax. Sin. 36: 80. 1998.

银缕梅 yin lu mei

Hamamelis subaequalis H. T. Chang, Acta Sci. Nat. Univ. Sunyatsen. 1960(1): 35. 1960; *Shaniodendron subaequale* (H. T. Chang) M. B. Deng et al.

Trees, small; branches stellately pubescent, glabrescent. Stipules narrowly lanceolate; petiole 5–7 mm, stellately pubescent; leaf blade broadly obovate or elliptic, 4–6.5 × 2–4.5 cm, abaxially stellately pubescent with pale brown hairs, adaxially green, stellately pubescent only along veins, base rounded, truncate, or subcordate, symmetrical, margin sparsely sinuate dentate, apex obtuse; lateral veins 4 or 5 on each side, abaxially prominent, basal 2 without tertiary veins. Inflorescences capitate spikes; peduncle ca. 1 cm. Floral bracts ovate or broadly

ovate, large, abaxially densely stellately pubescent, adaxially subglabrous. Lowermost 1 or 2 flowers male, floral cup indistinct, stamens 3–10, filaments very short. Bisexual flowers 4 or 5, floral cup short, margin irregularly toothed, persistent. Sepals ovate, ca. 3 mm. Stamens erect in buds, pendent at anthesis, filaments filiform, 15–18(–20) mm, anthers oblong, 4–4.5 mm, connectives elongated into a mucro. Ovary semi-inferior, styles ca. 2 mm, stigmas decurrent. Capsules subglobose, 8–9 mm in diam., dehiscent by 2 valves, persistent floral cup ca. 2.5 mm; styles persistent. Seeds 6–7 mm, base and apex acute. Fl. May–Jun, fr. Jun–Aug.

• Montane forests; 600–700 m. Anhui (Jinzhai Xian, Jixi Xian, Shucheng Xian), S Jiangsu (Yixing Xian), N Zhejiang (Anji Xian).

This species is listed as critically endangered by the IUCN (as *Shaniodendron subaequale*).

HAMAMELIDACEAE