

### 13. HAMAMELIS Linnaeus, Sp. Pl. 1: 124. 1753.

金缕梅属 jin lu mei shu

Shrubs or small trees, deciduous; branches with 1 prophyll, young branches tomentose; buds naked, tomentose. Leaves petio- late; stipules caducous, leaving small scars; leaf blade thinly leathery or papery, asymmetrical, margin entire or undulate-dentate, venation pinnate, 2 basal lateral veins usually with tertiary veins. Inflorescence capitate, or shortly spicate, axillary, 3–4-flowered. Flowers bisexual. Sepals 4, ovate, pubescent. Petals 4, yellow, greenish or red, straplike, circinate in bud. Stamens 4; filaments short; anthers ovoid, thecae 1-sporangiate, each dehiscing by 1 valve; staminodes 4, alternating with stamens, scalelike, producing nectar. Ovary semi-inferior; ovules 1 per locule; styles very short. Capsules woody, dehiscing above middle by two 2-lobed valves; endo- carp loose from woody exocarp. Seeds ellipsoid; endosperm fleshy.  $2n = 24$ .

Six species: China, Japan, North America; one species (endemic) in China.

**1. *Hamamelis mollis*** Oliver, Hooker's Icon. Pl. 18: t. 1742. 1888.

金缕梅 jin lu mei

*Hamamelis mollis* var. *oblongifolia* M. P. Deng & K. Yao.

Shrubs or small trees to 8 m tall; young branches stellately tomentose, glabrescent; buds narrowly ovoid, gray-yellow to- mentose. Petiole 6–10 mm, tomentose; leaf blade broadly obo- vate-rounded or oblong, 8–15 × 6–10 cm, abaxially densely stellately tomentose with gray hairs, adaxially subscabrous, sparsely stellately pubescent, base cordate, asymmetrical, mar-

gin sinuate-dentate, apex acute; lateral veins 6–8 on each side, abaxially prominent, basal 2 lateral veins with tertiary veins. Inflorescence peduncle ca. 5 mm. Sepals ca. 3 mm, sometimes brown adaxially, persistent. Petals yellow, ca. 1.5 cm; filaments ca. 2 mm; anthers nearly equal to filaments; staminode apex truncate. Ovary tomentose; styles 1–1.5 mm. Capsules ovoid- globose, ca. 1.2 × 1 cm, densely stellately tomentose with yel- low-brown hairs; persistent floral cup ca. 1/3 as long as cap- sules. Seeds ca. 8 mm. Fl. Apr–May, fr. Jun–Aug.

• Thickets, forests; 300–800 m. Anhui, Guangxi, Hubei, Hunan, Jiangxi, Sichuan, Zhejiang.

