

55. OSTODES Blume, Bijdr. 619. 1826.

叶轮木属 ye lun mu shu

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Shrubs or trees, monoecious or dioecious; indumentum, when present, of simple hairs. Leaves alternate; petiole usually long, apex with 2 glands; leaf blade simple, margin glandular-serrate; venation palmate, basal veins 3. Inflorescences axillary or subterminal, racemelike thyrses, branched or unbranched. Male flowers: sepals 5, unequal, imbricate; petals 5, longer than calyx; disk 5-lobed or disk glands free; stamens 20–40, free; filaments pubescent; pistillode absent. Female flower: calyx as in male, but larger; disk annular; ovary densely hairy, 3-locular; ovules 1 per locule; styles 3, deeply 2-lobed. Fruit a capsule, 3-locular. Seeds ellipsoid; testa crustaceous; endosperm fleshy; cotyledon broad and flat.

Three species: tropical Asia, from the E Himalayas to N Borneo; two species in China.

1a. Inflorescences glabrous or sparsely appressed-pubescent; branches and leaves glabrous; plants dioecious 1. *O. paniculata*

1b. Inflorescences densely tomentose; young branches and leaves densely appressed-pubescent; plants monoecious

..... 2. *O. katharinae*

1. *Ostodes paniculata* Blume, Bijdr. 620. 1826.

叶轮木 ye lun mu

Ostodes kerrii Craib; *O. thyrantha* Pax.

Trees, up to 15 m tall, dioecious; bark gray-brown; branches and leaves glabrous. Leaves usually apically clustered; stipules caducous; petiole 4–12 cm; leaf blade ovate-lanceolate to oblong-lanceolate, 10–24 × 5–10 cm, thinly leathery, abaxially glaucous-gray or gray-brown when dry, base rounded or broadly cuneate, apex acuminate or caudate-acuminate; lateral veins 7 or 8. Male thyrses 7–25 cm, female shorter. Male flowers: sepals 5 (3 wider, 2 narrower), 3–3.5 mm; petals 5, ovate-elliptic, ca. 5 mm, white; disk glands free; stamens 20–35. Female flowers ca. 12 mm; sepals and petals as in male; disk annular; ovary hirsute; styles 3, bifid to below middle, apex densely longitudinally grooved. Capsule tomentulose and densely elevated-verrucose; mesocarp hard, woody. Seeds ellipsoidal, ca. 1.1 cm, brown, with stripes of yellowish spots, smooth, glossy. Fl. Mar–May, fr. Aug–Sep.

Montane evergreen forests; 400–1400 m. Hainan, Yunnan [Bhutan, Cambodia, India, Indonesia, Malaysia (peninsular), Myanmar, Nepal, Vietnam].

2. *Ostodes katharinae* Pax in Engler, Pflanzenr. 47(IV. 147. III): 19. 1911.

云南叶轮木 yun nan ye lun mu

Ostodes kuangii Y. T. Chang.

Trees up to 15 m tall, to 30 cm d.b.h., monoecious; young branches with yellow-brown, appressed pubescence, glabrescent. Petiole 3–7 cm, densely tomentose to glabrescent; leaf blade ovate, ovate-lanceolate, oblong-lanceolate to elliptic-lanceolate, 10–22 × 5–10 cm, thinly leathery, both surfaces densely tomentose when young, glabrescent, or abaxial surface and midrib becoming pubescent, base rounded to broadly cuneate, apex acuminate to caudate-acuminate; lateral veins 7–9 pairs. Inflorescences racemelike, axils densely tomentose; male inflorescences 10–30 cm, female inflorescences shorter. Male flowers: sepals 5, unequal, tomentose outside; petals obovate, bearded at base; disk with irregular lobes; stamens to 40. Female flowers: ovary

densely yellow-brown tomentose. Capsules slightly depressed globose, ca. 2.5 × 3 cm, densely brown tomentulose, obscurely sparsely elevated-verrucose. Seeds ellipsoidal or ovoid, ca. 1.5 × 1.3 cm, maroon-brown, with stripes of obscurely yellow spots, glossy. Fl. Apr–Jun, fr. Jul–Aug.

Dense forests; 900–2000 m. SE Xizang, S Yunnan [N Thailand].

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