

## 1. **HERNANDIA** Linnaeus, Sp. Pl. 2: 981. 1753.

莲叶桐属 *lian ye tong shu*

*Biasolettia* C. Presl.

Trees, evergreen, monoecious. Leaves alternate, simple, petiolate, peltately attached or not, broadly ovate or subcircular, 3–7-veined. Flowers 3–5(or 6)-merous, unisexual, pedicellate, ternately involucrate at apices of branches of a lax panicle; central flower with a cupular involucre at base, lateral ones staminate; involucre bracts 4 or 5, subvalvate in bud. Staminate flowers: tepals 6–8, in 2 series, subvalvate; stamens as many as and opposite outer tepals; filaments each with 2 free basal glands or glands connate; anther cells extrorse, laterally dehiscent. Pistillate flowers: tepals 8–10, in 2 series, subvalvate; style short, surrounded by 4 or more free or connate glands; stigma dilated, irregularly toothed or lobed; staminodes absent. Fruit enclosed in an inflated fleshy cupule. Seeds globose or ovoid; testa thick, hard, ribbed; embryo thick, lobed, ruminant.

About 24 species: E and W Africa, SE Asia, Central America; one species in China.

**1. *Hernandia nymphaeifolia*** (C. Presl) Kubitzki, Bot. Jahrb. Syst. 90: 272. 1970 [*"nymphaeifolia"*].

莲叶桐 *lian ye tong*

*Biasolettia nymphaeifolia* C. Presl, Reliq. Haenk. 2: 142. 1835 [*"nymphaeaeifolia"*]; *Hernandia peltata* Meisner.

Trees. Bark smooth. Petiole nearly as long as blade; leaf blade peltate, ovate or orbicular-cordate, 20–40 × 15–30 cm, papery, glabrous, 3–7-veined, base rounded and cordate, apex acute. Peduncle 6–20 cm. Panicle axillary; involucre bracts 4, elliptic to obovate, 2–6 × 1–3.5 mm. Flowers axillary, 3 together in a corymb, lateral flowers staminate, central one pistil-

late. Staminate flowers: pedicel tomentose; tepals 6, in 2 series; stamens 3; filaments with 2 basal glands, ca. 1 mm. Pistillate flowers: pedicel absent; tepals 8, in 2 series; style ca. 3 mm, papillose; stigma dilated, irregularly toothed; surrounding glands 4, ca. 1 mm. Fruit drupaceous, urn-shaped, costate, 3–4 cm in diam. Fl. and fr. year-round.  $2n = 40$ .

Sparse forests; near sea level. E and NE Hainan, S Taiwan [Cambodia, Indonesia, Japan, Malaysia, Philippines, Sri Lanka, Thailand, Vietnam; E Africa and east to the Pacific].

The name *Hernandia sonora* Linnaeus was misapplied to this species in FRPS (31: 465. 1982). True *H. sonora* is distributed in tropical America.

