

14. XEROSPERMUM Blume, Rumphia 3: 99. 1849.

干果木属 gan guo mu shu

Trees or shrubs. Leaves paripinnate, alternate, petiolate; leaflets usually 1 or 2 pairs, sometimes 3 pairs, entire. Thyrses axillary or terminal, unbranched or many branched; bracts and bracteoles small. Flowers unisexual, actinomorphic, small. Sepals 4 or 5, suborbicular, concave, imbricate. Petals 4 or 5, usually jointed long villous. Disk annular, crenately lobed, lobes opposite to sepals. Stamens (male flowers) 8, inserted on disk, exerted; filaments villous; anthers broadly ovoid, small. Ovary (female flowers) obcordiform, 2-lobed, 2-loculed, abaxially tuberculous; ovules 1 per locule; style inserted between ovary lobes, short, apex inflated, inconspicuously 2-lobed. Fruit deeply lobed into 2 schizocarps, usually only 1 developed, ellipsoid or subglobose, abaxially usually tuberculous, rarely smooth. Seeds same as schizocarps in shape; arillode adnate to testa; embryo thick.

About 20 species: tropical Asia; one species in China.

1. Xerospermum bonii (Lecomte) Radlkofer, Repert. Spec. Nov. Regni Veg. 18: 341. 1922.

干果木 gan guo mu

Mischocarpus fuscescens Blume var. *bonii* Lecomte, Fl. Indo-Chine 1: 1029. 1912.

Trees, small, to 6 m tall, ca. 28 cm d.b.h. Branches dark brown, terete, glabrous, slightly striate. Leaves paripinnate; petiole 2.5–4 cm, reddish brown including axis; leaflets often 2(or 3) pairs; petiolules ca. 4 mm; blades: those on lower part of axis ovate, those on upper part of axis elliptic-lanceolate or subovate, 7–16 × 2.5–5.5 cm, papery, both surfaces glabrous and with slightly visible reticulate veins, base cuneate, margin entire, apex shortly acuminate. Thyrses terminal, ca. 10 cm or longer. Sepals 4, imbricate, ovate, outer 2 smaller, ca. 1.5 mm in diam., inner 2 ca. 2.5 mm in diam., glabrous, margin ciliate. Petals 4, spoon-shaped, ca. 1 mm, abaxially glabrous, adaxial surface and margin brown villous. Disk 4-lobed, glabrous. Stamens 8; filaments ca. 1.5 mm, densely brown villous except

at apex. Ovary globose, ca. 1.8 mm in diam., tuberculous, white tomentose. Fruit (immature) ovoid, with conical tubercles. Fl. spring.

Forests; 400–500 m. S Guangxi, SE and SW Yunnan [Vietnam].

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