

7. **MAMMEA** Linnaeus, Sp. Pl. 1: 512. 1753.

格脉树属 *ge mai shu shu*

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Ochrocarpos Noronha ex Thouars.

Trees, cryptically dioecious. Apical bud not abortive; buds with scales. Leaves opposite, petiolate, entire, leathery; secondary veins many, nearly parallel, nearly perpendicular to midvein, tertiary venation densely and evenly reticulate, prominent, with translucent gland dots [or streaks] in areoles. Flowers axillary on older twigs, solitary [or fasciculate]. Calyx completely united in bud, splitting at anthesis into 2[or 3] sepals after. Petals [4 or 5 or]6[or 8], imbricate. Filaments slender, basally connate; anthers erect, basifixed. Ovary 2-loculed, each locule 2-ovuled [or incompletely 4- or 8-loculed, each locule 1-ovuled]; style very short; stigma 2[-4]-lobed. Berry with [thick or] thin exocarp, fleshy mesocarp and 1-4[-8] seeds with testa thin [to fibrous or woody]. Seeds large; embryo with broad fleshy cotyledons completely united externally or not.

About 80 species: mainly in tropical Asia and Madagascar, also in tropical Africa, Australasia, and Central America; one species (endemic) in China.

The plants appear to be androdioecious, but the apparently perfect flowers are in fact carpellate.

1. **Mammea yunnanensis** (H. L. Li) Kostermans, Djawatan Kehutanan Indonesia 15. 1956.

格脉树 *ge mai shu*

Ochrocarpos yunnanensis H. L. Li, J. Arnold Arbor. 25: 308. 1944.

Trees evergreen, ca. 25 m tall, 60-80 cm in diam. Crown compact, broadly conic. Bark opaquely brown, gray spotted, spots unequal in size. Twigs many, old ones gray-brown, with large and conspicuous leaf scars; young ones yellow-brown, angled. Petiole short, 5-8 mm, robust; leaf blade oblong, rectangular-lanceolate, or narrowly elliptic, 16-20 × 5-9 cm, thickly leathery, midvein robust, plane-convex; secondary veins numerous, inconspicuous; tertiary veins and veinlets conspicuously and evenly reticulate, base usually rounded, apex shortly

acuminate, obtuse, or rounded. Pedicel 2-3.5 cm. Plant solitary, sometimes in pairs on defoliate branchlets, ca. 8 cm in diam. Sepals 2, becoming deflexed, persistent, equal, broadly ovate, concave, 8-10 mm. Petals 6, imbricate, white, equal, oblong, ca. 2 cm, concave. Stamen with filaments ca. 6 mm, united into 1 whorl at base, enveloping base of ovary. Ovary ovoid, bisulcate outside, ca. 4 mm; style robust, 2-3 mm; stigma glabrous, peltate, margin recurved. Fruit dark brown when mature, oblong, 5-6 cm, 3.5-4 cm in diam. at middle, apiculate; endocarp succulent. Seed 1, 2.5-3 cm; testa brownish, thin. Fl. Mar-Apr, fr. Sep-Oct.

• Dense, humid forests on low hills; ca. 600 m. S Yunnan (Jinghong, Lancang, Mengla).

This is an ornamental tree. The fruit pulp is sweet and edible.

