

## 12. CHUNIOPHOENIX Burret, Notizbl. Bot. Gart. Berlin-Dahlem 13: 583. 1937.

琼棕属 qiong zong shu

Stems small to moderate, clustered. Leaves 15–20, induplicate, briefly costapalmate; petioles slender, elongate, smooth margined, deeply channeled; leaf sheaths open, in one species with an additional triangular cleft at base of petiole; hastula absent; blades irregularly divided almost to base into few to many segments of varying widths, with acute apices, green on both surfaces. Inflorescences spicate or branched to 3 orders, borne among leaves; bracts persistent, tubular, covering peduncle, rachis, and rachillae; flowers bisexual, solitary or borne in small groups, pedicellate, partly covered by tubular bracts; calyx shallowly 3-lobed; corolla deeply 3-lobed, lobes reflexed at anthesis; stamens 6. Fruits red, orange, or purple, small, globose, obovoid, or pear-shaped, 1-seeded; endosperm ruminant; germination remote; eophylls undivided.

Three species: S China, N Vietnam; two species (both endemic) in China.

- 1a. Stems to 5 m tall, to 10 cm in diam.; leaf blades divided into 36–45 segments; inflorescences with many rachillae ..... 1. *C. hainanensis*
- 1b. Stems to 2 m tall, to 2 cm in diam.; leaf blades divided into 4–7 segments; inflorescences with 1–4 rachillae ..... 2. *C. humilis*

**1. Chuniophoenix hainanensis** Burret, Notizbl. Bot. Gart. Berlin-Dahlem 13: 583. 1937.

琼棕 qiong zong

Stems clustered, to 5 m tall, to 10 cm in diam., bare with deciduous leaf sheaths. Leaf sheaths open, swollen, in older plants with additional triangular cleft at base of petiole; petioles to 90 cm, white-waxy tomentose initially; blades divided into 36–45 segments, these to 50 × 1.8–2.5 cm. Inflorescences to 2 m, arching below leaves; rachillae many, 10–20 cm; flowers mostly solitary; petals purple. Fruits red, orange, or purple, obovoid to pear-shaped, to 2.5 × 2.2 cm, borne on short stalks.

- Lowland rain forests. Hainan.

**2. Chuniophoenix humilis** C. Z. Tang & T. L. Wu, Acta Phytotax. Sin. 15(2): 111. 1977.

矮琼棕 ai qiong zong

Stems clustered, to 2 m tall, 1–2 cm in diam., covered with persistent leaf sheaths. Leaf sheaths open, not split at bases; petioles 25–40 cm; blades divided into 4–7 segments, these 25–35 × 3–7 cm, broad and hooded. Inflorescences to 0.4 m, erect among leaves, becoming pendulous in fruit; rachillae 1–4, 15–20 cm; flowers borne in small groups; petals yellowish. Fruits red, globose, to 1.6 cm in diam.

- Lowland rain forests. Hainan.

Material from Vietnam previously included here is now treated as the distinct species *Chuniophoenix nana* Burret (see Henderson, Palms S. Asia, 98. 2009). It differs by the narrower, unhooded leaflets.

