

19. GAOLIGONGSHANIA D. Z. Li, Hsueh & N. H. Xia, Acta Phytotax. Sin. 33: 598. 1995.

贡山竹属 gong shan zhu shu

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Shrubby scrambling bamboo, sometimes epiphytic on trees. Rhizomes short necked, pachymorph. Culms unicaespitose, flexuose; internodes terete, glabrous; nodes flat. Branches solitary, reiterating culm. Culm sheaths persistent, leathery, densely setose, shorter than internodes; ligule short; auricles embracing culms, large; blade recurved, lanceolate. Leaves large; blade with several secondary veins and transverse veins. Inflorescence an open, large, ebracteate panicle on leafy or leafless flowering branches. Spikelets 4–9-flowered, followed by a sterile floret, long pedicellate. Glumes 2; lemma many veined, sometimes long mucronate. Palea subequal to lemma, 2-keeled, 2-cleft at apex. Rachilla internodes ca. 1/2 as long as florets, disarticulating. Lodicules 3, transparent. Stamens 3; anthers yellow; filaments free, long exserted. Ovary glabrous; style 1; stigmas 3, plumose. Caryopsis oblong. New shoots late summer–early autumn, fl. Mar–Jul.

- One species: China.

1. *Gaoligongshania megalothyrsa* (Handel-Mazzetti) D. Z. Li, Hsueh & N. H. Xia, Acta Phytotax. Sin. 33: 600. 1995.

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*Arundinaria megalothyrsa* Handel-Mazzetti, Symb. Sin. 7: 1270. 1936; *Indocalamus megalothyrsus* (Handel-Mazzetti) C. S. Chao & C. D. Chu; *Monocladus megalothyrsus* (Handel-Mazzetti) T. P. Yi; *Yushania megalothyrsa* (Handel-Mazzetti) T. H. Wen.

Culms to 1–3.5(–8) m long, 0.5–1.5 cm in diam.; internodes 30–35 cm, initially white powdery, glabrous; wall 3–4 mm thick; nodes initially flat, prominent after branching. Culm sheaths persistent, yellow or green-brown, ca. 1/2 as long as internodes, leathery, marginally and abaxially with dense,

short, spiny hairs, auricles well developed, purple, falcate; oral setae erect, yellow, 1–1.2 cm, strong; ligule truncate, 1–2 mm; blade reflexed, margins serrulate, base ca. 1/3 as wide as sheath apex. Leaf sheaths white powdery, densely yellow hispid; auricles purple, falcate; oral setae ca. 1.2 cm; ligule ca. 2 mm; blade oblong-lanceolate, 35–40(–50) × 7.5–9(–10) cm, transverse veins conspicuous, base cuneate, apex long acuminate. Panicles 35–45 cm. Spikelets linear, 2–4 cm. Glumes ca. 6 mm, long mucronate; lemma lanceolate, ca. 8 mm, long mucronate; palea ca. 0.8 mm; lodicules ca. 2 mm. Anthers yellow, ca. 5 mm. Ovary oblong. Caryopsis oblong, ca. 1 cm. New shoots Apr–May, fl. Oct.

- Evergreen broad-leaved forests, sometimes on trunks of old trees; 1600–2200 m. NW Yunnan (Gaoligong Shan).

Flora of China 22: 105–106. 2006.