29. **Cleidion** Blume, Bijdr. 612. 1826.

**棒柄花属** bang bing hua shu

Qiu Huaxing (丘华兴 Chiu Hua-hsing, Kiu Hua-shing, Kiu Hua-xing); Michael G. Gilbert

Trees or shrubs, monoecious or dioecious. Branchlets frequently glabrous. Leaves alternate, glandular-crenulate, penninerved; stipule small, deciduous. Inflorescences spicate or racemose, axillary; bracts eglandular. Male flowers fascicled to glomerulous, rarely solitary along axis; calyx closed in bud; sepals 3 or 4, valvate; petals absent; disk absent; stamens 25–80(–100); filaments free; anthers dorsifixed, 4-locellate, connective distinctly produced; pistilode absent. Female inflorescences frequently 1-flowered. Female flowers: pedicel long, thickened at tip; sepals 3–5, imbricate, accrescent or scarcely enlarged in fruit; ovary 2- to 3-locular; styles 2 or 3, base often connate, deeply 2-cleft, filiform, stigmatic surface papillose; ovules 1 per locule. Fruit a capsule, 2- to 3-locular; pedicels rigid, club-shaped. Seeds subglobose, smooth, marbled.

About 25 species: Old- and New-World tropics and subtropics; three species in China.

1a. Male flowers available.

2a. Male flowers 1 per bract; sepals unequal, ca. 4 mm; stamens 100–200 ............................................................ 3. *C. bracteosum*

2b. Male flowers 3–15 per bract; sepals equal, 2–2.5 mm; stamens 40–70.

3a. Plants monoecious; pedicel 1–1.5 mm; petiole 0.3–3 cm ....................................................... 1. *C. brevipetiolatum*

3b. Plants dioecious; pedicel 2–3 mm; petiole 2–7 cm .............................................................................. 2. *C. spiciflorum*

1b. Female flowers or fruits available.

4a. Ovary 2(or 3)-locular, styles 1.5–3 cm; fruit often 2-lobed, 2.5–3 cm in diam. ................................. 2. *C. spiciflorum*

4b. Ovary 3-locular, styles 1–1.5 cm; fruit 3-lobed, 1.2–1.5 cm in diam.

5a. Female sepals unequal, larger, 6–7(–20) mm, accrescent 9–15(–30) mm in fruit; petiole 0.3–3 cm ... 1. *C. brevipetiolatum*

5b. Female sepals 2–4 mm, scarcely enlarged in fruit; petiole 2–7 cm .......................................................... 3. *C. bracteosum*


**棒柄花** bang bing hua

Small trees, 5–12 m tall, monoecious. Branchlets glabrous. Stipules lanceolate, ca. 3 mm; petiole 3–8 mm or 1–3 cm; leaf blade obovate or obovate-lanceolate to lanceolate, 7–21 × 3.5–7 cm, thinly leathery, abaxially bearded in vein axils, base obtuse, with 2–4 maculate glands, apex acuminate; veins 5–9 pairs. Male inflorescences unbranched, 5–20 cm, puberulent; bracts broadly triangular, ca. 1.5 cm. Male flowers 3–7 per bract, clusters widely spaced; pedicel 1–1.5 mm; sepals 3, ca. 2–2.5 cm; stamens (40–)55–65. Female flowers axillary; pedicel 1–7 cm, base with some bracts; sepals 3–5, ovate-triangular, 1.5–3 mm, scarcely enlarged in fruit; ovary 2(or 3)-locular, densely villous; styles 2(or 3), deeply 2-cleft, 1.5–3 cm. Fruiting


**长棒柄花** chang bang bing hua

*Acalypha spiciflora* N. L. Burman, Fl. Indica, 203. 1786; **Cleidion javanicum** Blume.

Trees, 5–30 m tall, dioecious. Branchlets glabrous. Stipules triangular, 2–5 mm; petiole 2–7 cm; leaf blade elliptic to oblong-lanceolate or oviolate, (7–)9–30 × (2.5–)4–14 cm, thinly leathery,
pedicel 3.5–15 cm, ca. 5 mm in diam. at tip; capsule often 2-lobed, 2.5–3 cm wide, smooth. Seeds subglobose, 9–12 mm in diam., brownish marbled. Fl. Apr–Jun, fr. May–Oct.

Valleys in evergreen or monsoon forests; 600–800(–1400) m. SE Xizang (Mêdog), SW Yunnan [Bhutan, India, Malaysia, Myanmar, Nepal; N Australia, Pacific islands].


灰岩棒柄花  hui yan bang bing hua

Small trees, 5–15 m tall, dioecious. Branchlets glabrous. Petiole 2–7 cm; leaf blade oblong-ovate or ovate, (5–)9–19 × 4–9 cm, thinly leathery, abaxially bearded in vein axils, base obtuse, with 2–4 maculate glands, margin serrate, apex acute or acuminate; veins 5–7 pairs. Male inflorescences axillary or subterminal, 6–14 cm, puberulent; bracts triangular, 2–2.5 mm. Male flower solitary, remote along axis; pedicel 1–2 mm; sepals 2 or 4, ca. 4 mm; stamens 100–200. Female flower solitary, axillary; pedicel 2–4 cm; bracts at base triangular, ca. 1.5 mm; sepals 5, triangular, unequal, 2–4 mm, scarcely enlarged in fruit; ovary ovoid, 3-locular, densely yellow villous; styles ca. 1.5 cm, deeply 2-cleft. Fruiting pedicel 6–7 cm in fruit, club-shaped; capsule 3-lobed, ca. 1.5 cm in diam., smooth. Seeds ovoid, ca. 7 mm in diam., brownish marbled. Fl. Dec–Feb, fr. Apr–May.

Evergreen forests, commonly on limestone hills. Guangxi, S Guizhou, E and S Yunnan [N Vietnam].