

10. ERANTHEMUM Linnaeus, Sp. Pl. 1: 9. 1753.

可爱花属 ke ai hua shu

Hu Jiaqi (胡嘉琪 Hu Chia-chi), Deng Yunfei (邓云飞); Thomas F. Daniel

Daedalacanthus T. Anderson; Pigafetta Adanson; Upudalia Rafinesque.

Shrubs or perennial erect herbs with cystoliths. Leaves petiolate; leaf blade margin entire or crenate. Inflorescences terminal or rarely axillary, spikes, lax, sometimes several forming a panicle; bracts sometimes colored, subleaflike, large; bracteoles small, narrow. Calyx 5-lobed; lobes narrow, subequal. Corolla subsalverform; tube basally cylindric, long, slender, throat sometimes inconspicuous; limb 5-lobed; lobes obovate, subequal, contorted in bud. Stamens 2, inserted below throat; anthers 2-theous; thecae parallel, muticous; staminodes 2, clavate or filiform. Ovary with 2 ovules per locule; style filiform, glabrous or pubescent; stigma 2-lobed, lobes unequal. Capsule with a solid stalk at base, clavate, 4-seeded; retinacula present. Seeds discoid, compressed, pubescent with hygroscopic trichomes.

About 15 species: tropical and subtropical Asia; two species (one endemic) in China.

The Himalayan species Eranthemum splendens (T. Anderson) Bremekamp & Nannenga-Bremekamp reported from S Yunnan (FRPS 70: 60. 2002) is not treated here because no material has been seen by the authors. Eranthemum pulchellum Andrews is widely cultivated in S and SW China as an ornamental.

- 1a. Petiole ca. 0.5 cm; bracts oblong to lanceolate; stamens included; capsule gland-tipped pubescent 1. E. tetragonum
- 1b. Petiole 0.7–2.5 cm; bracts ovate to elliptic; stamens exerted; capsule glabrous 2. E. austrosinense

1. Eranthemum tetragonum A. Dietrich ex Nees in A. Candolle, Prodr. 11: 454. 1847.

云南可爱花 yun nan ke ai hua

Herbs to 1 m tall. Stems 4-angled, glabrous or pubescent. Petiole ca. 5 mm; leaf blade lanceolate to linear-lanceolate to oblong, 6–20 × 2–4 cm, glabrous, secondary veins ca. 5 on each side of midvein, base attenuate and decurrent onto petiole, margin entire or crenulate, apex acuminate. Spikes 3–8 cm; peduncle 2–37 mm, gland-tipped pubescent; bracts yellowish white with green along veins, oblong to lanceolate, 1–2.2 × 0.2–0.9 cm, apex acuminate; bracteoles lanceolate, ca. 4 mm, gland-tipped pubescent. Calyx ca. 6 mm, outside pilose, 5-lobed to middle; lobes lanceolate, ca. 1 mm wide. Corolla blue to light purple, ca. 4.5 cm, gland-tipped pubescent; tube basally cylindric for ca. 3 cm; lobes obovate, ca. 6 × 5 mm. Stamens included; filaments ca. 3 mm, glabrous. Ovary gland-tipped pubescent; style hirsute. Capsule 1–1.4 cm, gland-tipped pubescent. Seeds gold to reddish brown to blackish, 3–3.5 × 2.2–2.7 mm. Fl. Dec–Mar.

Forests or thickets; 400–800 m. Yunnan [Cambodia, Laos, Myanmar, Thailand, Vietnam].

Eranthemum tetragonum, at least under this name, was not included by C. C. Hu (FRPS 70: 1–397. 2002).

2. Eranthemum austrosinense H. S. Lo, Acta Phytotax. Sin. 17(4): 85. 1979.

华南可爱花 hua nan ke ai hua

Herbs to 50 cm tall. Stems 4-angled, pubescent. Petiole 0.7–2.5 cm, pilose; leaf blade elliptic, ovate, or elliptic-ovate, 2–10 × 1–4.5 cm, abaxially pubescent along veins, adaxially glabrous and cystoliths obviously subulate, secondary veins 4–6 on each side of midvein, base cuneate to subrounded and usu-

ally decurrent onto petiole, margin entire, apex acute to acuminate. Spikes 3–11 cm; peduncle 1.5–3 cm, densely villous; bracts yellowish white with green along veins, ovate to elliptic, 1.2–2 × 0.4–0.8 cm, abaxially villous, adaxially glabrous, margin ciliate; bracteoles triangular-ovate, 5–6 × ca. 1.5 mm, margin ciliate, apex acute. Calyx 5–7 mm, outside pilose, 5-lobed to middle; lobes lanceolate, ca. 1 mm wide. Corolla bluish purple, glabrous or pubescent; tube basally cylindric for 2.5–3 cm, throat ca. 4 mm; lobes obovate, 6–8 × 5–8 mm, apex 2-lobed. Stamens exerted; filaments 3–4 mm. Ovary glabrous or pubescent; style pilose. Capsule 1–1.5 cm, glabrous or pubescent. Seeds black, ca. 4 × 3 mm.

• Forests, thickets in ravines; 100–700 m. Guangdong, Guangxi, Guizhou, Yunnan.

- 1a. Corolla glabrous; ovary pilose 2a. var. austrosinense
- 1b. Corolla pubescent; ovary glabrous 2b. var. pubipetalum

2a. Eranthemum austrosinense var. austrosinense

华南可爱花(原变种) hua nan ke ai hua (yuan bian zhong)

Corolla glabrous. Ovary pilose.

• Guangdong, Guangxi, Guizhou, Yunnan.

2b. Eranthemum austrosinense var. pubipetalum (S. Z. Huang ex H. P. Tsui) T. L. Li & Y. F. Deng, J. Trop. Subtrop. Bot. 15: 260. 2007.

毛冠可爱花 mao guan ke ai hua

Eranthemum pubipetalum S. Z. Huang ex H. P. Tsui, Fl. Reipubl. Popularis Sin. 70: 347. 2002.

Corolla pubescent. Ovary glabrous.

• Forests, thickets in ravines; 100–700 m. Guangxi, Guizhou, Yunnan.

Fl. China 19: 432–433. 2011.