

3. ALLMANIA R. Brown ex Wight, J. Bot. (Hooker) 1: 226. 1834.

砂苋属 sha xian shu

Herbs annual. Stem erect or ascending. Leaves alternate, petiolate, linear to obovate, margin entire. Heads terminal or axillary, composed of 3–7-flowered cymes, stalked or sessile. Flowers bisexual; each flower with 1 bract and 2 bracteoles, scarious. Stamens 5; filaments basally connate into a short cup, pseudostaminodes absent; anthers 2-loculed. Ovary ovoid; ovule 1, erect; style filiform; stigma slightly 2-lobed. Utricles ovate, dehiscent by lid. Seeds black, subglobose, lenticular, with aril.

One species: tropical Asia.

1. *Allmania nodiflora* (Linnaeus) R. Brown ex Wight, J. Bot. (Hooker) 1: 226. 1834.

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Celosia nodiflora Linnaeus, Sp. Pl. 1: 205. 1753; *Allmania albida* R. Brown ex J. D. Hooker; *Chamissoa albida* (R. Brown) Moquin-Tandon; *C. nodiflora* (Linnaeus) Martius.

Herbs annual, erect or ascending, 10–50 cm tall. Stem branched from or near base, glabrous or obscurely pubescent. Petiole 2–10 mm; leaf blade obovate, oblong, or linear, 1.5–6.5 mm × 0.3–2.5 cm, both surfaces glabrous or adaxially pubescent, base attenuate, apex acute or obtuse, with a mucro. Heads

globose, becoming somewhat lengthened, with 3–7-flowered cymes; rachis 0.2–3.5 cm, glabrous or pubescent. Bracts and bracteoles ovate-lanceolate, 3–5 mm, white on margin and with green or purple (?red) midvein, apex long acuminate. Tepals obliquely spreading at anthesis, later erect, ovate-lanceolate or oblong-lanceolate, 4–5 mm. Stamens 5; filaments connate at base. Ovary ovoid, glabrous; style nearly as long as filaments. Utricles enclosed in persistent perianth, pale green, ovoid, 3–3.5 mm in diam., dehiscent by lid. Seeds 1.5–2 mm in diam. Fl. May–Jun, fr. Jul–Aug. $2n = 32$.

Sandy soils, sandy shores; below 200 m. Guangxi, Hainan [tropical Asia].

