

8. PHAULOPSIS Willdenow, Sp. Pl. 3: 4, 342. 1800 [“*Phaylopsis*”], nom. cons.

肾苞草属 shen bao cao shu

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Aetheilema R. Brown; *Micranthus* J. C. Wendland; *Theileamea* Baillon.

Herbs, perennial [or annual], prostrate [to erect], with cystoliths, often anisophyllous. Leaves opposite, long petiolate; leaf blade margin entire or crenate. Inflorescences terminal [or axillary], secund strobilate spikes; bracts subleaflike, orbicular or reniform, imbricate; bracteoles [present or] absent. Flowers sessile. Calyx 5-lobed almost to base; lobes unequal, posterior one largest. Corolla small; tube cylindric, slender; limb \pm 2-lipped, lower lip 3-lobed, upper lip 2-lobed; lobes contorted in bud. Stamens 4, didynamous, included in corolla tube; filaments coherent at base; anthers 2-theous; thecae parallel, base minutely mucronate [or not mucronate]. Ovary with 2 ovules per locule; style hairy; stigma 2-lobed, lobes unequal. Capsule shortly stipitate, 4-seeded; retinacula present; septa with attached retinacula separating from inner wall of mature capsule. Seeds discoid, densely covered with hygroscopic trichomes.

Twenty-two species: tropical Africa, E, SE, and S Asia; one species in China.

1. *Phaulopsis dorsiflora* (Retzius) Santapau, Kew Bull. [3]: 276. 1948.

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Ruellia dorsiflora Retzius, Observ. Bot. 6: 31. 1791; *Aetheilema anisophyllum* (Jussieu) E. Meyer (1837), not R. Brown (1810); *A. parviflorum* Sprengel; *A. reniforme* Nees; *Blechnum anisophyllum* Jussieu; *Micranthus dorsiflorus* (Retzius) C. E. C. Fischer; *M. oppositifolius* J. C. Wendland; *Phaulopsis oppositifolia* (J. C. Wendland) Lindau; *P. parviflora* Willdenow, nom. illeg. superfl.

Herbs 30–50 cm tall, slightly anisophyllous. Stems ascending, 4-angled, brown retrorsely pubescent. Petiole 4–6 cm; leaf blade ovate to elliptic, 7.5–11 \times 3.5–5 cm, papery, abaxially pubescent along veins, adaxially hirsute, secondary veins ca. 6 on each side of midvein, base cuneate to attenuate and slightly oblique, margin entire, apex acuminate. Spikes terminal, 3–6 cm; bracts orbicular to reniform, ca. 1 \times 1.4 cm, gland-tipped pubescent. Calyx lobes outside gland-tipped pubescent; posterior lobe ovate-elliptic, 8–10 mm, bractlike, other lobes linear to subulate and 5–6 mm. Corolla white, ca. 6 mm; lower lip 3-lobed, lobes ovate-oblong and 1–2.4 \times 0.6–1 mm; upper lip narrow, 2-lobed. Staminal filaments glabrous. Ovary apex sparsely gland-tipped pubescent; style pilose. Capsule ellipsoid, ca. 6 mm, apex gland-tipped pubescent. Seeds ca. 2 \times 1.5 mm. Fl. Nov–May, fr. Feb–Jul. $2n = 56$, ca. 64, 70.

Thickets, roadsides, along streams; 300–800 m. S and W Yunnan [Bangladesh, Bhutan, India, Myanmar, Thailand, Vietnam; ?South Africa, Indian Ocean islands (Réunion), ?Madagascar].

Collections identified as *Phaulopsis dorsiflora* from South Africa and Madagascar remain questionable as to their source.

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