

194. POLYTRIAS Hackel in Engler & Prantl, Nat. Pflanzenfam. 2(2): 24. 1887.

单序草属 dan xu cao shu

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Aethonopogon Kuntze; *Eulalia* sect. *Polytrias* (Hackel) Pilger.

Perennial, low, stoloniferous. Leaf blades broadly linear; ligule short, truncate, ciliate. Inflorescence a single terminal raceme; raceme hairy, fragile, densely spiculate, the spikelets borne in threes, 2 sessile and 1 pedicelled at each node, sessile and pedicelled spikelets similar, both fertile or pedicelled spikelet male or barren, occasionally lowermost spikelets paired; rachis internodes broadly linear, densely ciliate on margins, shorter than spikelets; pedicel similar but more slender. Spikelets oblong; callus bearded; glumes cartilaginous becoming membranous in upper 1/3; lower glume flat, villous, flanks keeled, clasping upper glume, obscurely 2-veined between keels, apex truncate, ciliate; upper glume slightly longer than lower, 1–3-veined, keeled along midvein; lower floret absent; upper lemma small, broad, 2-cleft, awned; awn geniculate; palea very small or absent. Stamens 3.

One species: SE Asia, including China.

1. *Polytrias indica* (Houttuyn) Veldkamp, Blumea 36: 180. 1991.

单序草 dan xu cao

Perennial forming loose mats. Culms slender, decumbent, rooting and branching at nodes, erect shoots 10–30 cm tall, nodes glabrous or bearded. Leaf sheaths lightly compressed, glabrous or rarely pubescent; leaf blades purplish glaucous, 2–5 × 0.2–0.4 cm, stiffly pilose with tubercle-based hairs, margins scabrid, apex acuminate; ligule 0.2–0.5 mm. Raceme 2–7 cm, shortly exserted from uppermost leaf sheath at maturity; rachis internodes and pedicels golden-ciliate. Spikelets 3–4 mm, brown, densely hairy with soft golden hairs; callus hairs 1/3 spikelet length; lower glume villous below middle, hairs usually extending slightly beyond apex, keels green; upper glume densely pubescent except near base, villous on upper keel; upper lemma broadly oblong to ovate, teeth narrow, tipped with hairs; awn slender, 0.8–1.2 cm, puberulous. Anthers 2.5–3 mm. Stigmas exserted from apex of spikelet. Fl. and fr. summer to autumn.

Grassy places on mountain slopes, grassy spaces, lawns, wastelands, roadsides. Hainan, Hong Kong [Indonesia, Malaysia, Myanmar, New Guinea, Philippines, Vietnam; introduced elsewhere as a lawn grass].

- 1a. Lower glume with long hairs exceeding glume apex 1a. var. *indica*
- 1b. Lower glume with shorter hairs not exceeding 2/3 of glume length 1b. var. *nana*

1a. *Polytrias indica* var. *indica*

单序草(原变种) dan xu cao (yuan bian zhong)

Phleum indicum Houttuyn, Nat. Hist. 13: 198. 1782; *Andropogon amaurus* Buse, nom. illeg. superfl.; *A. diversiflorus* Steudel; *A. firmandus* Steudel; *Eulalia praemorsa* (Nees ex Steudel) Stapf ex Ridley; *Pollinia praemorsa* Nees ex Steudel; *Polytrias amaura* Kuntze, nom. illeg. superfl.; *P. diversiflora* (Steudel) Nash; *P. praemorsa* (Nees ex Steudel) Hackel.

Spikelets 3 per node; lower glume long villous, hairs extending beyond glume apex; upper lemma cordate.

Grassy spaces. Hong Kong [Indonesia, Malaysia, Myanmar, New Guinea, Philippines, Vietnam].

This grass has been widely known as *Polytrias amaura*, based on *Andropogon amaurus*, which is a superfluous name for *A. diversiflorus*.

1b. *Polytrias indica* var. *nana* (Keng & S. L. Chen) S. M. Phillips & S. L. Chen, Novon 15: 470. 2005.

短毛单序草 duan mao dan xu cao

Eulalia nana Keng & S. L. Chen, Fl. Hainan. 4: 539. 1977; *Polytrias amaura* var. *nana* (Keng & S. L. Chen) S. L. Chen.

Spikelets 2–3 per node; lower glume with hairs not extending to glume apex; upper lemma oblong.

- Grassy places on mountain slopes. Hainan.

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