

**48. METASTACHYDIUM** Airy Shaw ex C. Y. Wu & H. W. Li, Fl. Reipub. Popularis Sin. 66: 28. 1977.

箭叶水苏属 jian ye shui su

Herbs perennial, rhizomatous. Leaves sagittate, base strongly cordate, stellate hairy abaxially, margin coarsely crenate. Verticillasters in oblong spikes. Calyx tubular, conspicuously 10-veined; teeth 5, equal, subulate, apex spinescent. Corolla violet, 2-lipped; tube pilose annulate at middle, throat tomentose; upper lip erect, equal to or shorter than lower lip; lower lip 3-lobed; middle lobe broadly reniform, margin unequally denticulate or undulate; lateral lobes ovate-oblong, much shorter than middle lobe. Stamens 4, included; filaments densely tufted hairy, unequally papillate near base, triangular-dilated at base; anthers reniform. Style longer than stamens, apex unequally 2-cleft, lobes linear-oblong.

Monotypic: China, Kyrgyzstan.

The genus name is based on *Metastachys* Knorring (1959), an illegitimate later homonym of *Metastachys* van Tieghem (1895). Airy Shaw drew attention to the status of Knorring's name and suggested, but did not validate, *Metastachydium* as a replacement. Wu and Li (Acta Phytotax. Sin. 13: 73. 1975) took up Airy-Shaw's name but did not give the correct page number for Knorring's protologue and thus the genus name and their new combination within it must date from their 1977 account in which the full reference is given.

**1. *Metastachydium sagittatum*** (Regel) C. Y. Wu & H. W. Li, Fl. Reipub. Popularis Sin. 66: 28. 1977.

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*Phlomis sagittata* Regel, Trudy Imp. S.-Peterburgsk. Bot. Sada 6: 373. 1880; *Metastachys sagittata* (Regel) Knorring.

Stems 40–70 cm, brown-purple or brown, with small, branched hairs denser below nodes. Petiole of basal leaves 6–8 cm, base dilated, persistent, petiole of stem leaves 2–6 cm, clasping; basal leaf blade 6–8×5.5–7.5 cm, adaxially sparsely hispid, abaxially gray, with appressed stellate hairs with unequal arms; stem leaves in 1 or 2 pairs, upper pair shorter than verticillasters. Spikes with 4 remote and 2 or 3 close verticillasters; floral leaves sessile or subsessile; bracteoles subulate, 6–9 mm, partly adnate to flowers, stellate, hispid. Calyx greenish purple, with branched and sparse glandular hairs. Corolla 1.5–2 cm, glabrous, throat and limb with branched hairs (specimens not seen).

Hillside meadows. Xinjiang [Kyrgyzstan].

