

荒漠连蕊芥——内蒙古十字花科一新种*

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SYNSTEMON DESERTICOLUS Y. Z. ZHAO — A NEW SPECIES OF BRASSICACEAE FROM NEI MONGGOL

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Key words *Synstemon*; *S. deserticolus* Y. Z. Zhao; New species

关键词 连蕊芥属; 荒漠连蕊芥; 新种

荒漠连蕊芥 新种 图 1

Synstemon deserticolus Y. Z. Zhao, sp. nov. TYPE: Nei Monggol (内蒙古), Alxa League (阿拉善盟), Alxa Right Banner (阿拉善右旗), Ailibugaisumu (艾力布盖苏木), longshoushan (龙首山), in montibus humilibus vel collibus petrosis, 1983-06-08, X. T. Lei *et al.* (雷喜亭等) 83002 (holotype, HIMU). Fig. 1

S. petrovii auct. non Botsch.: Fl. Desert. Reipubl. Popul. Sin. 2: 54, t. 17, f. 1~9. 1987; Fl. Reipubl. Popul. Sin. 33: 435. 1987.

Species affinis *S. petrovii* Botsch., sed foliis basalibus pinnatipartitis, lobis oblongo-lanceolatis; filamentis staminum longorum vix basi binis inter se connatis differt. Planta annua, 15 cm alta. glabra vel pilis sparsis obsita. Caulis erectus, e basi ramosus. Folia basalia lanceolata, circ. 1 cm longa, circ. 3 mm lata, pinnatipartita; lamina basi in petiolum angustata; folia caulina linearia, 7~12 mm longa, 0.5~1 mm lata, intagerrima vel dentata. Racemus fructifer 4~12 cm longus, multiflorus; sepala ovata, circ. 2 mm longa, circ. 1 mm lata, glabra vel pilis crispatis obsita; petala lilacina, obovata, circ. 4 mm longa, apice rotundata, breviter unguiculata, basi ciliata; stmina 6, filamentis staminum longorum vix basi bina inter se connatis, sparse pilosis vel glabris; pistillum cylindricum. Siliquae lineares, 5~15 mm longae, 0.7~1.2 mm latae, inferne sparse pilosae vel fere glabrae, fere compressae, biloculares, polyspermae; valvae nervis mediis manifestis instructae; spetum hyalinum, enerve; peicelli fructiferi tenues 4~5 mm longi, glabri; stylus brevis, 0.5~1 mm longus; stigma capitatum fere bilobum; semina uniseriata, ellipsoidea, apice marginata, humescentia valde mucilaginosa, notorrhiza. Fl. et Fr. VI.

一年生植物, 高约 15 cm。无毛或被疏柔毛。茎直立, 从基部分枝。基生叶披针形, 长约 1 cm, 宽约 3 mm, 羽状深裂; 叶片基部渐狭成柄; 茎生叶条形, 长 7~12 mm, 宽 0.5~1 mm, 全缘或有齿。总状花序, 果期长 4~12 cm, 有花多数。萼片椭圆形, 长约 2 mm, 宽约 1 mm, 被卷曲柔毛或无毛; 花瓣淡紫色, 倒卵形, 长约 4 mm, 先端圆形, 基部渐狭成短

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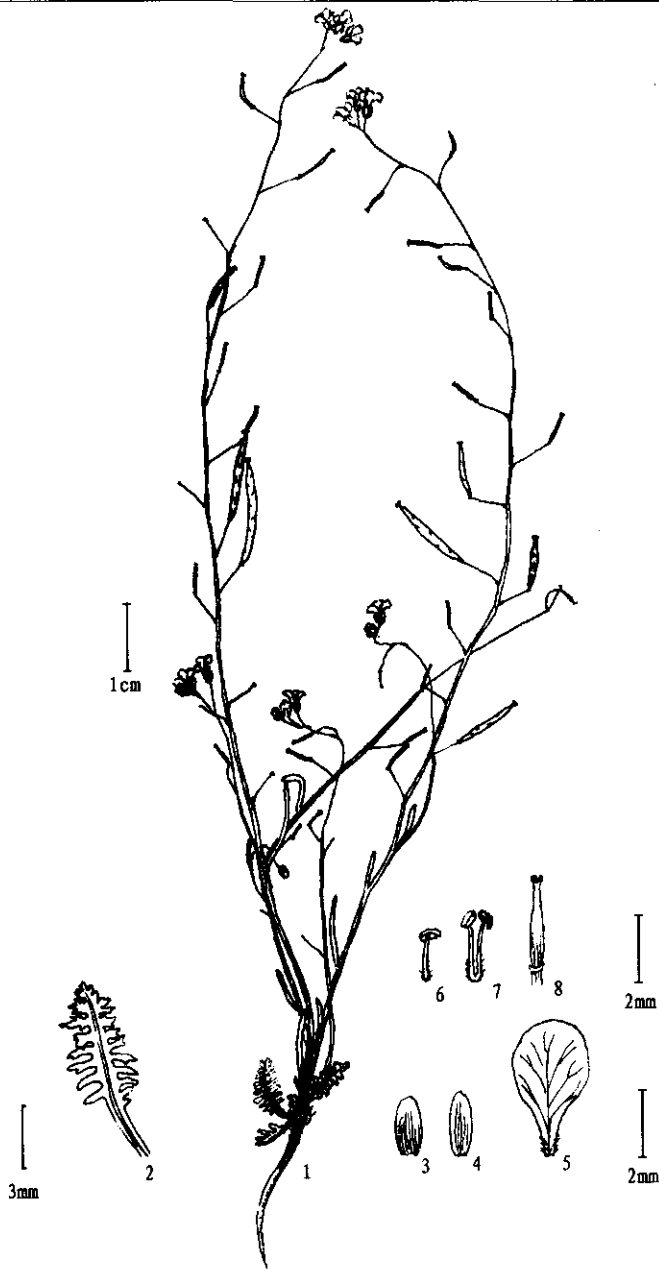


图1 荒漠连蕊芥 1. 植株; 2. 基生叶; 3. 外萼片; 4. 内萼片; 5. 花瓣; 6. 短雄蕊; 7. 长雄蕊; 8. 雌蕊。

Fig. 1 *Synstemon deserticolus* Y. Z. Zhao 1. Plant; 2. Basal leaf; 3. Outer sepal; 4. Inner sepal; 5. Petal; 6. Short stamen; 7. Long stamen; 8. Pistil.

爪, 爪具纤毛; 雄蕊 6, 长雄蕊花丝成对仅基部合生, 被疏毛或无毛; 雌蕊圆柱形。长角果条形, 长 5~15 mm, 宽 0.7~1.2 mm, 下部被疏柔毛或近无毛, 稍压扁, 2 室, 有多数种子; 果瓣中脉明显, 隔膜透明, 无脉; 果梗纤细, 长 4~5 mm, 无毛; 花柱短, 长 0.5~1 mm; 柱头头状, 微 2 裂; 种子 1 行, 种子椭圆形, 先端具窄边, 遇湿变粘; 子叶背倚。花果期 6 月。本种与连蕊芥 *P. petrovii* Botsch. 相近, 但基生叶羽状深裂, 裂片矩圆状披针形(非羽状全裂, 裂片狭条形), 长雄蕊花丝成对仅基部合生(非下部 1/5~2/5 合生)而不同。