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## 短丝绿绒蒿，青海罂粟科一新种

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**摘要:** 该文描述了自青海南部发现的罂粟科绿绒蒿属一新种, 短丝绿绒蒿。此种可能隶属琴叶绿绒蒿亚属, 滇西绿绒蒿组, 滇西绿绒蒿系, 与此系其它种的区别在于此种的披针状条形花瓣, 较少、较短的雄蕊(花丝长 1~5 mm), 无花柱的雌蕊, 和被具短毛的硬毛的子房。

**关键词:** 罂粟科, 绿绒蒿属, 新种, 青海

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## *Meconopsis brachynema*, a new species of Papaveraceae from Qinghai

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**Abstract:** One species of the genus *Meconopsis* (Papaveraceae), *M. brachynema*, is described as new from southern area of Qinghai Province, China. It probably belongs to subgen. *Cumminsia*, sect. *Impeditae*, ser. *Impeditae*, and from the other species of ser. *Impeditae* differs in its lanceolate-linear petals, fewer and shorter stamens (with filaments only 1–5 mm long), non-styled pistil, and ovary with stiff, barbellate hairs.

**Key words:** Papaveraceae, *Meconopsis*, new species, Qinghai

### 短丝绿绒蒿 图 1

*Meconopsis brachynema* W. T. Wang, sp. nov.

Fig. 1. [Subgen. *Cumminsia* (Prain) Grey-Wilson sect. *Impeditae* Grey-wilson ser. *Impeditae*]

Ob plantas monocarpicas, folia omnia basalia pilis simplicibus haud barbellatis tecta, foliorum rosulas parvas non sempervirentes, flores solitarios e apicibus scaporum basalium pilis simplicibus haud barbellatis tectorum nascentes, et staminum filamenta linearia species nova haec ad subgen. *Commisiam*, sect. *Ipeditas*, ser. *Ipeditas* pertinet. In ser. *Ipeditis*, ea petalis lanceolato-linearibus 4–7 mm latis, staminibus

paucioribus minoribus, filamentis multum brevioribus 1–5 mm tantum longis, pistillo stylo carente, et ovario pilis rigidis barbellatis tecto valde insignis est, et cum his characteribus a speciebus ceteris ser. *Impeditarum* praecclare differt. In speciebus ceteris hujus seriei, petala obovata, ovata, suborbicularia vel elliptica 1.2–3.6 cm lata, stamina numerosa pistillo longiora vel eo aequilonga, filamenta 4–10 mm longa, pistillum stylo praeditum, et ovarium setis haud barbellatis tectum est.

Small monocarpic herb. Root unseen. Leaves numerous, all basal; blades thinly papery, narrow-ovate, narrow-obovate or oblanceolate, 1.5–3.5×0.8–1 cm, apex

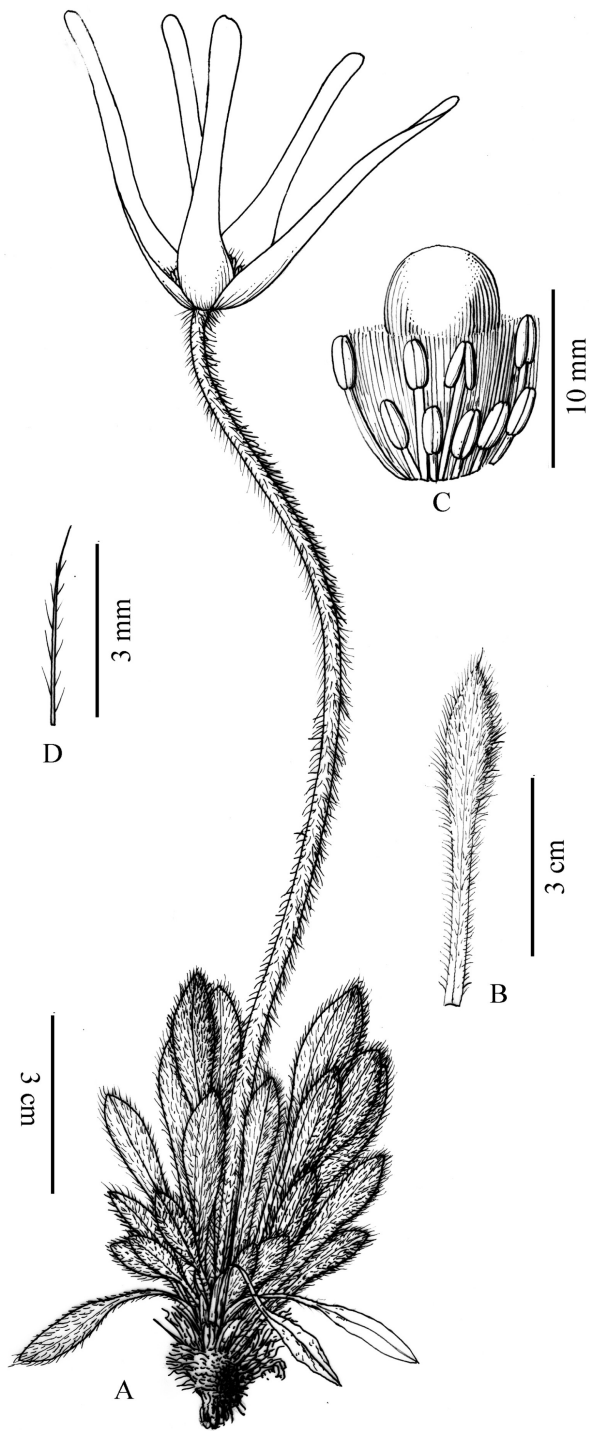


图 1 短尾绿绒蒿 A. 植株全形; B. 叶;  
C. 雄蕊群和雌蕊; D. 子房具短毛的毛。

Fig. 1 *Meconopsis brachynema* A. Habit; B. Leaf;  
C. Androecium and pistil; D. Barbellate hair of ovary. (from holotype)

acute, base attenuate into linear petiole, margin entire; surfaces adaxially and abaxially densely appressed-hirsute, with hairs simple, whitish, 2–4 mm long; midrib

adaxially flat, abaxially prominent; petioles flattened, linear, 1.5–3.5 cm long, below broadened, adaxially and abaxially appressed-hirsute. Scape solitary, ca. 19 cm tall, 2 mm in diam., densely and retrorsely hirsute, with hairs simple, yellowish, 2–4.5 mm long. Flower solitary and terminal on scape apex, upwards facing, ca. 8 cm in diam. Sepals caducous, unseen. Petals 5, red-purple (according to the field notes of holotype), thinly membranous, lanceolate-linear, at base broadened, ca. 5 cm long, at base ca. 7 mm broad, and above the middle 4–7 mm broad, apex truncate-rounded. Stamens ca. 20, 3–7 mm long, glabrous; filaments whitish, linear or oblong, 1–5 mm long; anthers oblong, 1.8–2.4×0.8–1.1 mm. Pistil slightly longer than the longest stamens; ovary depressed-globose, ca. 6×7 mm, densely appressed-hirsute, with hairs antrorse, yellowish, barbellate, 1.5–2 mm long; style absent; stigma slightly smaller than the ovary, in dried state dark-blue, subglobose, ca. 5.5 mm in diam., smooth, glabrous.

青海 (Qinghai): 玉树县, 上巴塘, 熊羌沟 (Yushu Xian, Shangbatang, Xiongqiang Valley), alt. 4 700 m, 高山草甸 (on alpine meadow), 花红紫色 (fls. red-purple), 1964-06-20, 采集人名字不详 (collector name unknown) 116 (holotype, PE)

本种为一次结果小草本植物, 叶多数全部基生, 被无短毛的毛, 叶丛小, 不常绿, 花单生于基生花葶 (被无短毛的毛) 的顶端, 雄蕊花丝条形; 根据这些特征, 按照 Grey-Wilson 的绿绒蒿属分类系统, 本种当隶属于琴叶绿绒蒿亚属, 滇西绿绒蒿组, 滇西绿绒蒿系 [subgen. *Cummisia* (Prain) Grey-Wilson, sect. *Impeditae* Grey-Wilson, ser. *Impeditae*]. 在 ser. *Impeditae*, 本种与此系的其他种的区别在于本种的花瓣呈披针状条形, 宽仅 4~7 mm, 雄蕊数目较少 (约 20), 较短小, 花丝只长 1~5 mm, 雌蕊无花柱, 子房被具短毛的硬毛 (barbellate hairs)。在 ser. *Impeditae* 的其他种, 花瓣呈倒卵形、卵形、近圆形或椭圆形, 宽 1.2~3.6 cm, 雄蕊比雌蕊长或等长, 花丝长 4~10 mm, 雌蕊具花柱, 子房被无短毛的刚毛 (bristles) (Grey-Wilson, 2014)。

在 2016 年 3 月间当我在 PE 观察绿绒蒿属已定名的标本的过程中, 发现本种的 holotype 在 1977 年被误定为 *Meconopsis napaulensis* DC., 根据 Grey- (下转第 87 页 Continue on page 87)