

## 云南短冠草属一新种

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### A NEW SPECIES OF *SOPUBIA* (SCROPHULARIACEAE) FROM YUNNAN

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关键词: 短冠草属; 孟连短冠草

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孟连短冠草 新种 图 1

*Sopubia menglianensis* Y. Y. Qian sp. nov. Fig. 1

Species affinis *S. trifidae* Buch.-Ham., sed foliis 1-3.5 cm longis, omnino simplicibus, pubescentibus, bracteis pedicello longioribus, calycis lobis longioribus quam latioribus, calycibus et corollae lobis rubro-glandulosis, capsulis oblongo-ovoideis, calycibus longioribus differt.

Herba perennis; rhizoma breve erectum; caulis 1-3, 22-70 cm altus, superne ramosus, raro 3-ramis verticillatis, striatus, pubescens. Folia opposita vel subopposita, raro 3-4-verticillata vel alterna, linearia, integra, simplicia, atro-viridia, 1-3.5 cm longa, pubescentia. Racemi in paniculas dispositi; bractae foliiformes, pedicello longiores, 7-13 mm longae, pubescentes; pedicelli 4.5-12 mm longi, pubescentes; bracteolae 2, prope apicem pedicelli insertae, lineares, sparse rubro-glandulosae; calyces campanulati, 3.7-4.5 mm longi, tubo 10-nervis, rubro-glanduloso, 5-lobati; triangulatis, 2.2-2.5 mm longis, 1.5-1.7 mm latis, intra lanatis; corollae luteae, 8-10 mm longae, 5-lobatae, tubo 2-3 mm longo, lobis patentibus, rotundo-obovatis, raro oblongis, apice obtusis, 4-5.5 mm longis, 4.5-5.5 mm latis, sparse rubro-glandulosis; stamina 4, didynama, filamentis ad corollae tubos superne insertis, compressis, medio latioribus, antheris uniloculis fertilibus, oblongo-ovatis, 2.2-2.5 mm longis, basi puberulis, cetero loculis non fertilibus, lineari-oblongis, 1.2-1.3 mm longis, sessilibus, antico jugata antheris confluentibus, postico jugata antheris liberis; ovaria ellipsoidea, basi dense rubro-glandulosa. Capsulae oblongo-ovoideae, 3.8-4.5 mm longae, apice retusae, stylis persistentibus, rimis in angulos elevatis, glabrae; semina oblonga vel oblongo-ovata, memnonia, 0.5-0.6 mm longa, longe reticulata.

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Yunnan (云南): Menglian (孟连), alt. 1600–1900 m, in grassland, 1993, 9, 18. Qian Yiyong (钱义咏) 2958 (holotype, HITBC; isotypes, IBSC, SMAO), 2688; Lancang (澜沧), Qian Yiyong 3023.

多年生草本; 根状茎短, 直立; 茎 1–3, 高 22–70 cm, 上部多分枝, 枝偶有 3 枚轮生, 有细纵纹, 被短柔毛。叶对生或近对生, 稀 3–4 枚轮生或互生, 线形, 全缘, 不分裂, 深绿色, 长 1–3.5 cm, 被短柔毛。总状花序排成圆锥状; 苞片叶状, 长于花梗, 长 7–13 mm, 被短柔毛; 花梗长 4.5–12 mm, 被短柔毛; 小苞片 2, 着生花梗近顶端, 线形, 稀被红色腺点; 萼钟状, 长 3.7–4.3 mm, 萼管具 10 脉, 具红色腺点, 裂片 5, 三角形, 长 2.2–2.5 mm, 宽 1.5–1.7 mm, 里面被绵毛; 花冠黄色, 长 8–10 mm, 5 裂, 花冠管长 2–3 mm, 花冠裂片开展, 圆倒卵形, 稀长圆形, 顶端圆钝, 长 4–5.5 mm, 宽 4.5–5.5 mm, 具红色腺点; 雄蕊 4, 2 强, 花丝着生于花冠管的上部, 花丝扁平, 中部稍宽, 花药一室发育, 矩圆状卵形, 长 2.2–2.5 mm, 室基部有微毛, 另一室退化, 线状矩圆形, 长 1.2–1.3 mm, 无柄, 前方一对雄蕊的发育花药室互相粘合, 后方一对则分离; 子房椭圆球形, 基部密被红色腺点。蒴果长圆状卵球形, 顶端微凹, 比萼长, 有宿存花柱, 缝线凸起成棱, 无毛; 种子长圆形或长圆状卵形, 棕黑色, 长 0.5–0.6 mm, 有长孔的网纹。

本种与短冠草 *S. trifida* Buch.-Ham., 相近, 但叶长 1–3.5 cm, 全部不分裂, 被短柔毛, 苞片长于花梗, 萼裂片长大于宽, 花萼和花冠裂片具红色腺点, 蒴果长圆状卵球形, 比萼长, 易于区别。

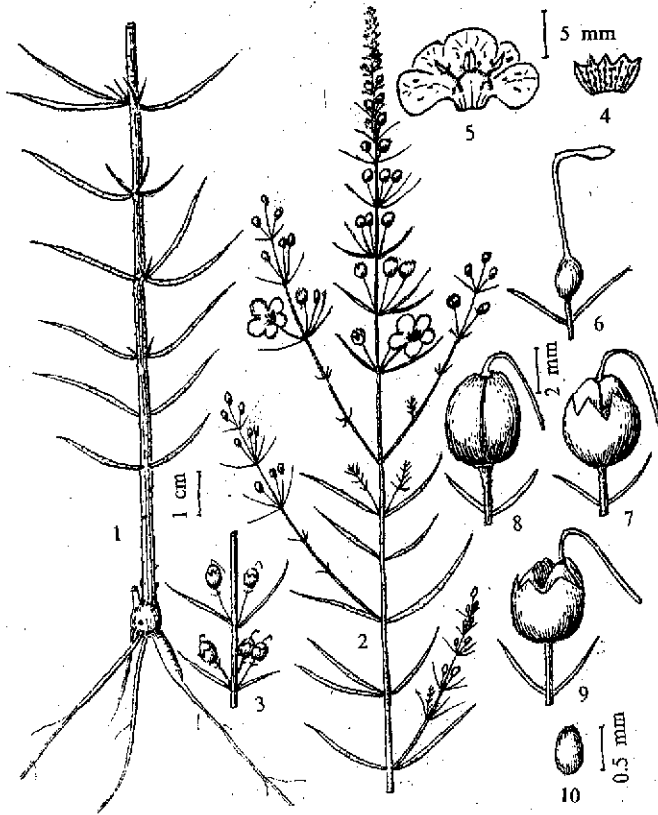


图1 孟连短冠草 *Sopubia menglianensis*

1. 植株下部 Lower part of plant; 2. 花枝 Flower branch;
3. 果枝 Fruit branch; 4. 萼展开 Calyx opened; 5. 花冠展开
- Corolla opened; 6. 子房 Ovary; 7. 果和萼 Fruit and calyx;
8. 果 Fruit; 9. 裂果 Dehiscent fruit; 10. 种子 Seed.