

世纬苣苔属一新种

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摘要 报道世纬苣苔属(苦苣苔科)植物一新种: 壶花黔苣苔 *Tengia potiflora* S. Z. He, 用拉丁文和中文对其特征作了集要描述。

关键词 世纬苣苔属; 壶花黔苣苔; 新种

世纬苣苔属 *Tengia* Chun 自 1946 年 Chun woon-young(陈焕镛)根据 Aug. 15. 1935, S. W. Teng(邓世纬)843 标本建立本属以来, 由于未采到本属其它种, 一直认为是单种属, 即世纬苣苔 *Tengia scopulorum* Chun。近年来作者深入贵州石灰岩地区采集植物标本时, 发现了一新种, 即壶花黔苣苔。从而使世纬苣苔属增到二种, 该属仍为我国贵州特有属, 现将植物形态描述如下:

壶花黔苣苔 新种 图 1

Tengia potiflora S. Z. He, sp. nov.

Affinis *T. scopulorum* Chun, Foliis subtus nervis pilosellis, scapi 1~3, corolla paraolli-forme, ovario et stylo dense adpressequ pubescentes, capsula exstilo persistens facile differt.

Herba perennis parva. Rhizomata brevia, 1~2.5 cm longa, 3~6 mm crassa. Folia omnia basalia, longa petiolata; laminae coriaceae, interdum inaequilaterales, anguste ellipticae vel ellipticae, 2~4 cm longae, 1~1.3 cm latae, apice acuminatae, basi anguste vel cuneatae, margine serrata, supra sparsim puberulae, subtus dense burpurea brunneos-pubescentibus, costa supra immersa subtus convexa, nervis lateralibus utrinsecus 3~4 supra convexa subtus immersa; petioli 1.2~2.2 cm longi, dense purpurea brunneo-pubescentes. Scapi 12~16, circ. 6.5 cm alti, sparse puberulae; Cymae 4.5~6.5 cm longae, 8-10-florae; bracteae 3~4, anguste lanceolatae, circ. 3 mm longae, sparse

puberulae; pedicelli 0.8~1.2 cm longi, sparse pubescentes. Calyx ad basin 5-sectus, segmentis anguste lanceolato, circ. 3 mm longis, sparse pubescentibus. Corolla purpurea, potshapiae, 2/3 supra reductus, apicli prope seal, ore circ. 0.8 mm diametrum, 5-lobulato, segmentis circ. 1.3 mm longis; tubo 0.9~1 cm longo, inferne medium circ. 3 mm diametrum, extus supra medium sparsissime pilosellis intus glabris. Stamina 5, inclusum, filamentis basin corollae insertis linearibus circ. 2.5 mm longis antheris prope reniformis circ. 1 mm longis, apice minute apiculatis, 2-loculis. Discus annularis, margine prope integer. Pistillum leviter exsertum 1~1.2 cm longum, ovario lineari 3 mm longo 1 mm lato, fortuo sparsissime pilosellis 1-loculari, placentis parietalibus 2, leviter exserta 2-fido, segmentis margine inserta plurima ovulis; stylo 7~9 mm longo, glabro, stigmatibus parvo depresso glovoso. Capsulae lineares, circ. 8 mm longae, 1 mm latae, ater-brunneae glabrae, compleat ripene 4-valvatae; stylo persistente 8 mm longo. Semina fusiformia dilute-brunnea, circ. 0.6 mm longa.

Guizhou: Xiuwen, Maochong, alt. 1200 m, in lime-stone scopulus, 1991. 07. 22, He Shun-zhi 91050, 91051, 91052 (Holotypus in HGCM³, Isotypus in PE⁴).

本种近于世纬苣苔(*T. scopulorum* Chun, 但后者叶下面仅在脉上有疏被短柔毛, 花萼 1~3 条, 花冠近壶状, 子房与花柱均密被短伏毛, 蒴果无宿存花柱而极易区别。

多年生小草本, 具短根状茎, 长 1~2.5



Fig 1. *Tengia potiflora* S. Z. He, sp. nov.

1. 植株 habit; 2. 花冠剖开示雄蕊 corolla opened up, showing stamens; 3. 雄蕊 postil; 4. 蒴果 capsule (杜鸣绘)

cm, 粗 3~6 mm。叶均基生, 具长柄; 叶片革质, 两侧有时不对称, 狭椭圆或椭圆形, 长 2~4 cm, 宽 1~1.3 cm, 顶端渐尖, 基部渐狭或楔形, 边缘有锯齿, 上面疏生柔毛, 下面密被柔毛。中脉上面凹陷, 下面凸起, 侧脉每侧 3~4 条, 上面凸起, 下面凹陷; 叶柄长 1.2~

2.2 cm, 密被紫褐色柔毛。花葶 12~16 条, 高约 6.5 cm, 疏被短柔毛; 聚伞花序长 4.5~6.5 cm, 有 8~10 花; 花片 3~4, 狭披针形, 长约 3 mm, 疏短柔毛; 花梗长 0.8~1.2 cm, 疏短柔毛。花萼 5 裂达基部, 裂片狭披针形, 长约 3 cm, 疏短柔毛。花冠紫色, 壶状, 2/3 处

以上缩小,顶部近封闭,口部直径约 0.8 mm, 5 浅裂,裂片长约 1.3 mm;筒长 0.9~1 cm, 中下部直径约 3 mm,外面中上部有极稀疏细柔毛,内面无毛。雄蕊 5,内藏,花丝着生于花冠基部,条形,长约 2.5 mm,花药近肾形,长约 1 mm,顶端有小尖头,2 室。花盘环状,边缘近全缘。雌蕊稍伸出,长 1~1.2 cm,子房条形,长 3 mm,宽 1 mm,偶有极稀疏短柔毛,1 室,2 侧膜胎座稍内伸,2 裂,裂片边缘着生多数胚珠;花柱长 7~9 mm,无毛,柱头小扁球形。蒴果条形,长约 8 mm,宽约 1 mm,黑褐

色,无毛,完全成熟后 4 瓣裂;花柱宿存,长达 8 mm。种子纺锤形,淡褐色,长约 0.6 mm。花果期 7~8 月。

该种仅在贵州修文县的猫冲发现,且十分稀少,为地区特有种。世纬苣苔自从邓世纬 1935 年采到该种并由陈焕镛教授建立世纬苣苔属后,国内及省内植物学家多次深入模式标本产地,均未采到。壶花苣苔新种的发现,无疑具有重要的学术价值。

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A New Species of the Genus *Tengia* Chun from Guizhou, China

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A new species of the genus *Tengia* Chun (Gesneriaceae) is described from Guizhou Province, China, and it is named *Tengia potiflora* S. Z. He.

Key words *Tengia*; New species; *T. potiflora*