

云南姜花属一新种

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A NEW SPECIES OF *HEDYCHIUM* FROM YUNNAN

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孟连姜花 新种 图 1

Hedychium menglianense Y. Y. Qian sp. nov. (Subgen. *Euosmianthus*)

Species affinis *H. sino-aureo* Stapf, sed plantis ad arbores epiphyticis, laminis (2-) 10-27 cm longis, (0.5-) 1.7-4 cm latis, petiolis 2-8 mm longis, ligulis papyraceis, 1.5-2 mm longis, spicis 10-17-floribus, 5-8 cm longis, bracteis calycis tubos non circumnexus, apice emarginatis, calycis tubis bractea parum brevioribus, corollae lobis linearibus 11-13 mm longis, labellis ovatis, 8-9 mm longis, basi sessilibus, filamentis 7-7.5 mm longis, ventraliter pubescentibus, antheris 4.5-4.9 mm longis differt.

Herba perennis, ad arbores epiphytica. Caulis 50-80 cm altus. Laminae lanceolatae, (2-) 10-27 cm longae, (0.5-) 1.7-4 cm latae, apice caudatae, basi angustatae, utrinque glabrae, petiolatae, petiolis 2-8 mm longis; ligulae papyraceae, 1.5-2 mm longae. Spicae 10-17 florum, 5-8 cm longae, 2.5-3.5 cm latae; bracteae oblongae vel ovatae, virides, calycis tubos non circumnexas, 1.2-1.4 cm longae, margine membranaceae, apice emarginatae, in quaque bractea uniflorae; flores parvi, lutei; bracteolae tubulatae, pallide rubrae, 8-13 mm longae, unilateraliter partitae, apice obtusae; calycis tubi bractea breviores, 10-13 mm longi; corollae tubi 1.2-1.4 cm longi, corollae lobis linearibus, 11-13 mm longis; staminodia lateralia oblanceolata; 7.5-8 mm longa; labella ovata, 8-9 mm longa, prope basin 2-partita, basi sessilia; filamenta 7-7.5 mm longa, ventraliter pubescentia; antherae 4.5-4.9 mm longae; ovaria oblonga, 1.6-1.8 mm longa, sparse pubescentia. Capsulae triangulo-sphaeroideae, 1-1.8 cm diam.; semina rubra, longe obovata, 3.5-4.2 mm longa, rubro-arillata.

Yunnan(云南): Menglian(孟连), alt. 2000 m, in forests, 1993, 09, 22. Qian Yiyong (钱义咏) 2988 (Holotypus! HITBC; Isotypi, IBSC, SMAO) 3132.

多年生草本, 附生树上。茎高 50–80 cm。叶片披针形, 长(2–)10–27 cm, 宽(0.5–)1.7–4 cm, 先端尾状, 基部渐狭, 两面无毛, 具长 2–8 mm 的柄; 叶舌纸质, 长 1.5–2 mm。穗状花序具 10–17 朵花, 长 5–8 cm, 宽 2.5–3.5 cm; 苞片绿色, 长圆形或卵形, 长 1.2–1.4 cm, 不包卷萼管, 边缘膜质, 顶端微缺, 内生单花; 花小, 黄色; 小苞片管状, 淡红色, 长 8–13 mm, 一侧深裂, 顶端钝; 萼管较苞片略短, 长 10–13 mm; 花冠管长 1.2–1.4 cm, 花冠裂片线形, 长 11–13 mm; 侧生退化雄蕊倒披针形, 长 7.5–8 mm; 唇瓣卵形, 长 8–9 mm, 2 深裂至近基部, 无瓣柄; 花丝长 7–7.5 mm, 腹面被短柔毛; 花药长 4.5–4.9 mm; 子房长圆形, 长 1.6–1.8 mm, 稀被短柔毛。蒴果三棱状扁球形, 径 1–1.8 cm; 种子红色, 长倒卵形, 长 3.5–4.2 mm, 具红色假种皮。花期 7–10 月, 果期 10–12 月。

本种与小花姜花 *H. sino-aureum* Stapf 相近, 但草本附生树上, 叶片长(2–)10–17 cm, 宽(0.5–)1.7–4 cm, 具长 2–8 mm 的柄, 叶舌纸质, 长 1.5–2 mm, 穗状花序具 10–17 朵花, 长 5–8 cm, 苞片不包卷萼管, 顶端微缺, 萼管较苞片略短, 花冠裂片长 11–13 mm, 唇瓣卵形, 和 8–9 mm, 无瓣柄, 花丝长 7–7.5 mm, 腹面被短柔毛, 花药长 4.5–4.9 mm, 易于区别。

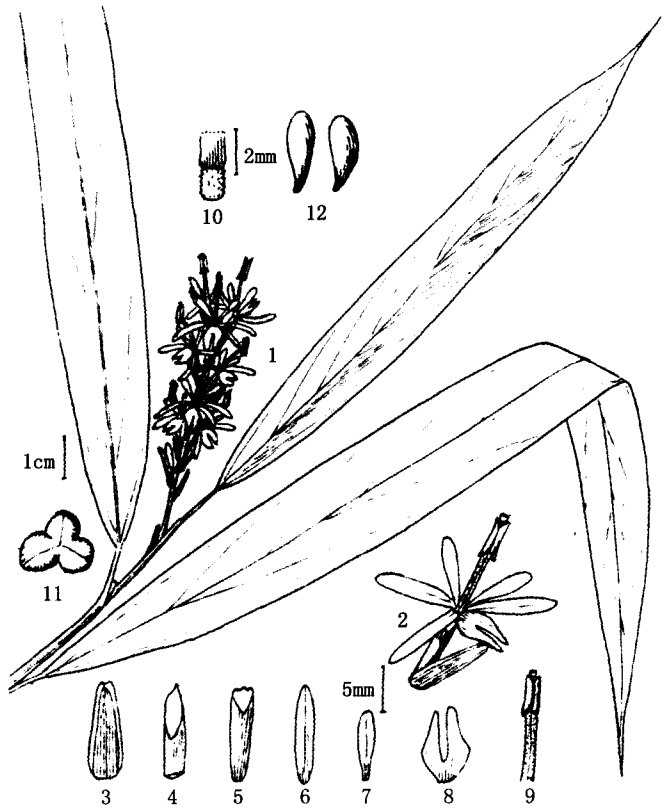


图1 Fig. 1 孟连姜花 *Hedychium menglianense* Y. Y. Qian

1. 花序 Inflorescence; 2. 花 Flower; 3. 苞片 Bract; 4. 小苞片 Bractlet;
5. 萼 Calyx; 6. 花冠裂片 Lobe of corolla; 7. 侧生退化雄蕊 Staminode;
8. 唇瓣 Labellum; 9. 雄蕊及柱头 Stamen and stigma; 10. 子房 Ovary;
11. 蒴果 Capsule; 12. 种子 Seeds.