

西双版纳豆蔻属一新种

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A NEW SPECIES OF GENUS AMOMUM FROM XISHUANGBANNA

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关键词 砂仁属; 勐腊砂仁

Key words *Amomum*; *A. menglaense*

勐腊砂仁 新种 图 1

Amomum menglaense S. Q. Tong, sp. nov.

Species foliis sessilibus, utrinque glabris, bracteis ovatis *A. subulato* Roxb. similis, sed bracteis calycibus et corollae lobis dorsalibus in rostrum subulatum haud abrupte contractis, labello integro differt.

Herba erecta, 1—1.5 m lata, basi vaginis elaminatis rubris praedita. Folia sessilia, lamina elliptica vel oblongo-lanceolata, 35—40 cm longa, 7.5—9.5 cm lata, apice acuminata, basi cuneata vel anguste cuneata, supra viridis, subtus viridula utrinque glabra; ligula emarginata, c. 5 mm longa, membranacea, glabra; vagina viridula conspicue longistrorsum striata, glabra. Spica subcapitata, c. 5 cm longa, 3.5 cm lata, 1—2 e rhizomzite oriens; pedunculus 3—12 cm longus, squamis glabris dilute rubris; bractee ovatae vel anguste ovatae, 2—3 cm longae, 1.2—1.5 cm latae, brunneae vel viridibrunneae, glabrae; bracteola tubulosa, c. 3.5 cm longa, membranacea dilute rubra, glabra, apice putrida (sub anthesi); calyx tubulosus c. 3 cm longus, apice trilobus, lobis in apicem dilute rubrem; corollae tubus c. 3.2 cm longus, albus, glaber, lobis subaequilongis, albis, glabris, dorsalibus suboblongis, c. 3 cm longis, 1.3 cm latis, apice mucronatis, lateralibus subellipticis, c. 1.1 cm latis, apice integris; labellum suboblongum, c. 3.5 cm longum, 1.8 cm latum, apice integrum, margine crispatum, mediano praeter apicem flavum rubro et margine striis radiatim instructum; staminodiis lateralibus conicis, c. 4 mm longis, rubris; stamen c. 2 cm longum; filamentum c. 5 mm longo, albo, glabro;

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antherae thecis linearibus, c. 1.5 cm longis, albis, glabris; connectivi appendicula integra, c. 4 mm longa, 8 mm lata, alba, glabra; ovarium c. 6 mm longum, flavo-viride, glabrum; styplus linearis, albus, glaber; stigma album, ciliatum; glandes epigynae, subulatae, c. 4 mm longae.

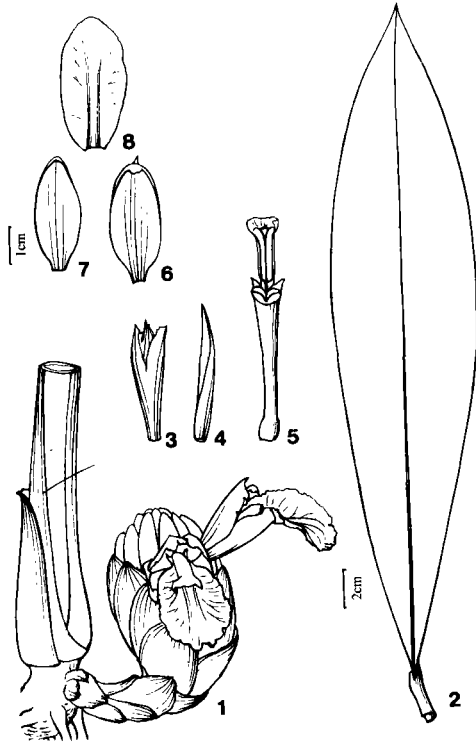


图1 勐腊砂仁 *Amomum menglaense* S. Q. Tong
1.具花序的叶茎基部; 2.具叶舌的叶; 3.花萼; 4.小苞片;
5.子房, 花冠管, 侧生退化雄蕊和雄蕊; 6.花冠背裂片;
7.花冠侧裂片; 8.唇瓣。(刘炳绘)

长圆形, 长约 3.5 cm, 宽 1.8 cm, 顶端全缘, 边缘皱波状, 中央除顶端黄色外, 其余红色, 且边缘具放射状条纹; 侧生退化雄蕊锥状, 长约 4 mm, 红色, 无毛; 雄蕊长约 2 cm; 花丝长约 5 mm, 白色, 无毛; 花药室长约 1.5 cm, 线形, 白色, 无毛; 药隔附属体全缘, 长约 4 mm, 宽 8 mm, 白色, 无毛; 子房长约 6 mm, 黄绿色, 无毛; 花柱线形, 白色, 无毛; 柱头白色, 具睫毛; 上位腺体钻状, 长约 4 mm。

本种叶无柄, 两面无毛, 苞片卵形与 *A. subulatum* Roxb. 相似, 但苞片、花萼和花冠背裂片绝不突然收缩成钻状喙, 唇瓣全缘易于区别。

Yunnan australis (云南南部):
Mengla Xian (勐腊县), alt. 1800 m, in
sylvis humidis montium, 20 V 1987, S. Q.
Tong (童绍全) 42405 (Holotypus KUN).

直立草本, 高 1—1.5 m, 基部具无叶片的红色叶鞘。叶无柄, 叶片椭圆形或长圆状披针形, 长 35—40 cm, 宽 7.5—9.5 cm, 顶端渐尖, 基部楔形或狭楔形, 叶面绿色, 叶背淡绿色, 两面无毛; 叶舌微凹, 长约 5 mm, 膜质, 无毛; 叶鞘淡绿色, 具明显的纵条纹, 无毛。穗状花序近头状, 长约 5 cm, 宽 3.5 cm, 从根茎基部抽出 1—2 枚; 花序梗长 3—12 cm, 具无毛的淡红色鳞片; 苞片卵形或狭卵形, 长 2—3 cm, 宽 1.2—1.5 cm, 褐色或绿褐色, 无毛; 小苞片管状, 长约 3.5 cm, 膜质, 淡红色, 无毛, 顶端腐烂(开花期); 花萼管状, 长约 3 cm, 顶端具 3 裂片, 裂片顶端淡红色; 花冠管长约 3.2 cm, 白色, 无毛, 裂片近等长, 白色, 无毛, 背裂片长圆形, 长约 3 cm, 宽 1.3 cm, 顶端具短尖头, 侧裂片近椭圆形, 宽约 1.1 cm, 顶端全缘; 唇瓣近