

# 云南秋海棠属一新种

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## A new species of *Begonia* L. (Begoniaceae) from Yunnan, China

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**Key words** *Begonia*; *B. menglianensis* Y. Y. Qian; New species; China

**关键词** 秋海棠属; 孟连秋海棠; 新种; 中国

### 孟连秋海棠 新种 图 1

***Begonia menglianensis*** Y. Y. Qian, sp. nov. (Sect. *Platycentrum* Ser. *Cathayanae*).

Fig. 1

Habitu *B. versicolori* lmsch. similis, sed foliorum laminae supra glabris, florum staminatorum tepalis 4, capsularum alis majoribus ligulatis, 20~22 mm longis differt.

Herba perennis. Rhizoma terete, erectum, 3~5 cm longum, 3~6 mm diam., nodis densis, radices graciles edens. Folia basalia petiolata; laminae inaequilaterales, oblique lateque ovatae, raro ovatae, 2.5~16 cm longae, 2~14 cm latae, apice breviter acuminatae, basi obliquae, cordatae, latere angustiore 0.7~4 cm latae, latere latiore 1.2~5 cm latae, margine dense crenatae, crenis apice aristatis, aristis 1~2 mm longis, supra atro-virides, cinereo-maculatae, glabrae, subtus virides, rubro-maculatae, secus nervos dense fusco-villosae, palmatim 5~7-nerves; petioli rubri, 2~13 cm longi, dense fusco-villosi; stipulae rubrae, ovato-triangularae, 8~10 mm longae, 6~9 mm latae, subtus secus costas sparse fusco-villosae, apice caudatae. Scapus ruber, 3~16 cm altus, sparse fusco-villosus; cyma dichotoma bis ramosa, 2~6-flora; bractae rubrae, ovatae, 6~11 mm longae, 5~8 mm latae, apice caudatae, extra fusco-villosae, ciliatae. Flores staminati: pedicelli viriduli, 1~1.5 cm longi, sparse fusco-villosi; tepala 4, exteriora 2, rubra vel roseola, rotunda, 10~13 mm longa, 9~12 mm lata, apice rotundata, extra fusco-villosa, interiora 2, alba, obovata, 10~13 mm longa, 8~10 mm lata, apice subtruncata vel rotundata, glabra; stamina numerosa densissime congesta, globosa, filamentis circa 1.5 mm longis, antheris obovato-oblongis circa 1 mm longis. Flores pistillati: pedicelli viriduli, 1~1.5 cm longi, sparse fusco-villosi; tepala 5, exteriora 2~3, ovata, 11~13 mm longa, 8~10 mm lata, extra fusco-villosa, interiora 3~2, obovato-oblonga vel ovata, 10~12 mm longa, 7~10 mm lata, glabra; ovarium oblongum, 6~7 mm longum, 4~5 mm latum, extra fusco-villosum, 2-loculatum, placenta 2-lamellata, inaequaliter 3-alatum; styli 2, basi subconnati. Capsula obovoideo-oblonga, 12~13 mm longa, 5~6 mm lata, inaequaliter 3-alata, alis decalvatis, ea majore ligulata, 2~2.2 cm longa, 8~10 mm lata, apice rotundata, eis duabus minoribus angustis. Fl. et Fr. Oct. - Dec.

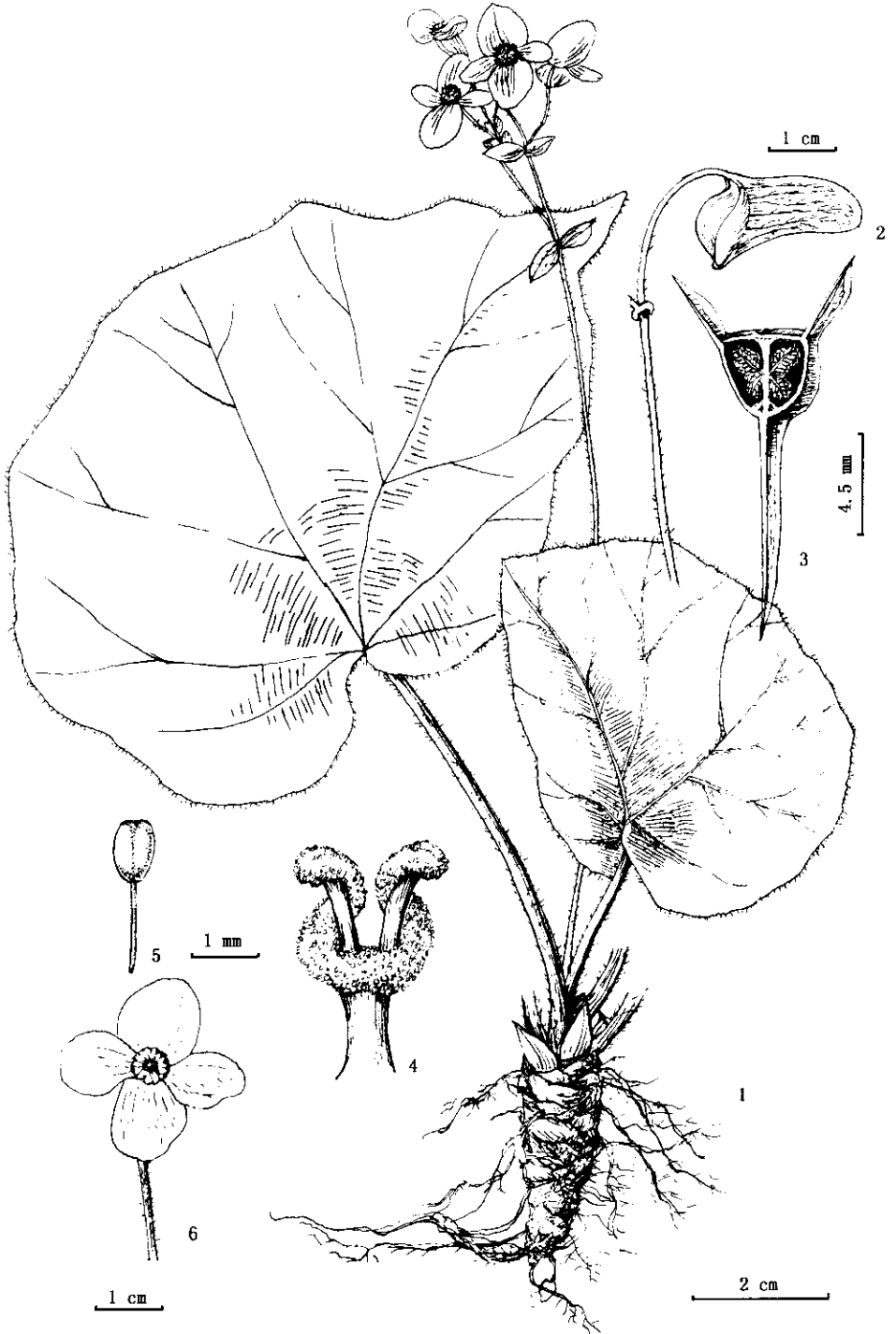


图1 孟连秋海棠 1. 植株; 2. 果实; 3. 果横切面; 4. 柱头; 5. 雄蕊; 6. 雄花。(陈智娟绘)  
 Fig. 1 *Begonia menglianensis* Y. Y. Qian 1. Habit; 2. Capsule; 3. Transverse section of capsule; 4. Stigma; 5. Stamen; 6. Male flower.

**China. Yunan** (云南): Menglian (孟连), alt. 1800 m, in forests, 1993-11-18, Y. Y. Qian (钱义咏) 3110 (holotype, here designated, PE; isotypes, HITBC, SMAO).

多年生草本。根状茎长圆柱形,直立,长 3~5 cm,直径 3~6 mm,节密,周围生出多数不等长的纤维之根。叶均基生,具长柄;叶片两侧极不相等,轮廓斜宽卵形,稀卵形,长 2.5~16 cm,宽 2~14 cm,先端短渐尖,基部偏斜,心形,窄侧宽 0.7~4 cm,宽侧宽 1.2~5 cm,边缘具浅而密的圆齿,齿尖带芒,芒长 1~2 mm,上面深绿色,具灰色斑块,无毛,叶背绿色,具红色斑块,沿脉密被褐色长柔毛,掌状 5~7 条脉,脉直达边缘;叶柄红色,长 2~13 cm,密被褐色长毛;托叶红色,卵状三角形,长 8~10 mm,宽 6~9 mm,背沿中脉稀被褐色长毛;顶端尾状。花葶红色,高 3~16 cm,疏被褐色长毛;花粉红色,2~6 朵,2 回二歧聚伞状;苞片红色,卵形,长 6~11 mm,宽 5~8 mm,先端尾状,外面被褐色长柔毛,具缘毛。雄花:花梗淡绿色,长 1~1.5 cm,稀被褐色长柔毛;花被片 4,外面 2 枚红色或淡红色,近圆形,长 10~13 mm,宽 9~12 mm,先端圆,外面被褐色长柔毛,内面 2 枚白色,倒卵形,长 10~13 mm,宽 8~10 mm,先端近截形或弧状,无毛;雄蕊多数,整体呈球状,花丝长约 1.5 mm,花药倒卵状长圆形,长约 1 mm。雌花:花梗淡绿色,长 1~1.5 cm,稀被褐色长柔毛;花被片 5,外面 2~3 枚,卵形,长 11~13 mm,宽 8~10 mm,外面被褐色长柔毛,内面 3~2 枚,倒卵状长圆形或卵形,长 10~12 mm,宽 7~10 mm,无毛;子房长圆形,长 6~7 mm,宽 4~5 mm,外面被褐色长柔毛,2 室,每室胎座具 2 裂片,具不等 3 翅,翅亦被毛,花柱 2,基部稍合生,在 1/3 以上的部分分枝,柱头外向螺旋状扭曲,并具刺状乳突。蒴果下垂,梗长 1.3~1.6 cm,轮廓倒卵状长圆形,长 12~13 mm,直径 5~6 mm,3 翅不等,较大的舌形,长 2~2.2 cm,宽 8~10 mm,先端圆钝,其余 2 翅均窄,毛已脱落。花、果期 10~12 月。

本种外形与变色秋海棠 *B. versicolor* Irmsh. 相近似,唯本种叶片上面无毛,雄花花被片 4,蒴果大翅舌形,长 20~22,易于区别。

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