

中国秋海棠属新植物(续)*

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NEW TAXA OF THE BEGONIA L. (BEGONIACEAE) FROM CHINA (CONT.)

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Key words Begoniaceae; *Begonia*; *B. biflora* Ku; *B. dixinensis* Ku; *B. guangxiensis* C. Y. Wu; *B. setuloso-peltata* C. Y. Wu; *B. floribunda* Ku; *B. sino-vietnamica* C. Y. Wu; *B. brevicaulis* Ku; *B. longanensis* C. Y. Wu

关键词 秋海棠科; 秋海棠属; 双花秋海棠; 大新秋海棠; 广西秋海棠; 刺盾叶秋海棠; 多花秋海棠; 中越秋海棠; 短茎秋海棠; 隆安秋海棠

31 双花秋海棠 新种 图 25

Begonia biflora Ku, sp. nov. (Sect. Coelocentrum Irmsch.)

Habitus *B. brevicauli* Ku similis, scapis haud foliatis, foliorum laminis reniformibus valde inaequilateralibus subtus cum petiolis crispule brunneo-pubescentibus.

Herba perennis parva. Rhizoma transversale, terete 1.8~3 cm longum, 2.5~5 mm diam., scabrum, nodis densis squamis numerosis membranaceis praeditis et radices numerosas graciles edentibus, folia basalia et scapum edens. Folia basalia longe petiolata; lamineae valde inaequilaterales, late ovatae, 4~8 cm longae, 6~8.5 cm latae, apice rotundatae, vel rotundato-obtusae vel acutae, basi valde obliquae latere angustiore rotundatae, lobis 1.6~2.8 cm latis, latere latiore auriculatae, auriculis 2.9~5.6 cm latis, margine dense denticulatae, denticulis triangularibus, apice aristas 1~1.8 mm longas ferentibus, supra brunneovirides sparse hispidulae, subtus viridulae, interdum pururascentes, crispule brunneopubescentes, palmatim 5~7-nerves; petioli 4.1~10.2 cm longi dense crispule brunne-

* 国家自然科学基金重大项目“三志”编研内容之一。

以本文纪念已故的俞德浚(T. T. Yü)教授(研究中国秋海棠科的第一位学者)。

第一篇发表在《植物分类学报》33卷3期:251~280。

1994-06-19 收稿。

pubescentes; stipulae caducae. Scapus 2.5~5 cm altus, flaccidus, angulatus, sparse crispule villosus; cyma dichotome ramosa, saepe 2-flora; bracteae membranaceae, oblongae vel longe

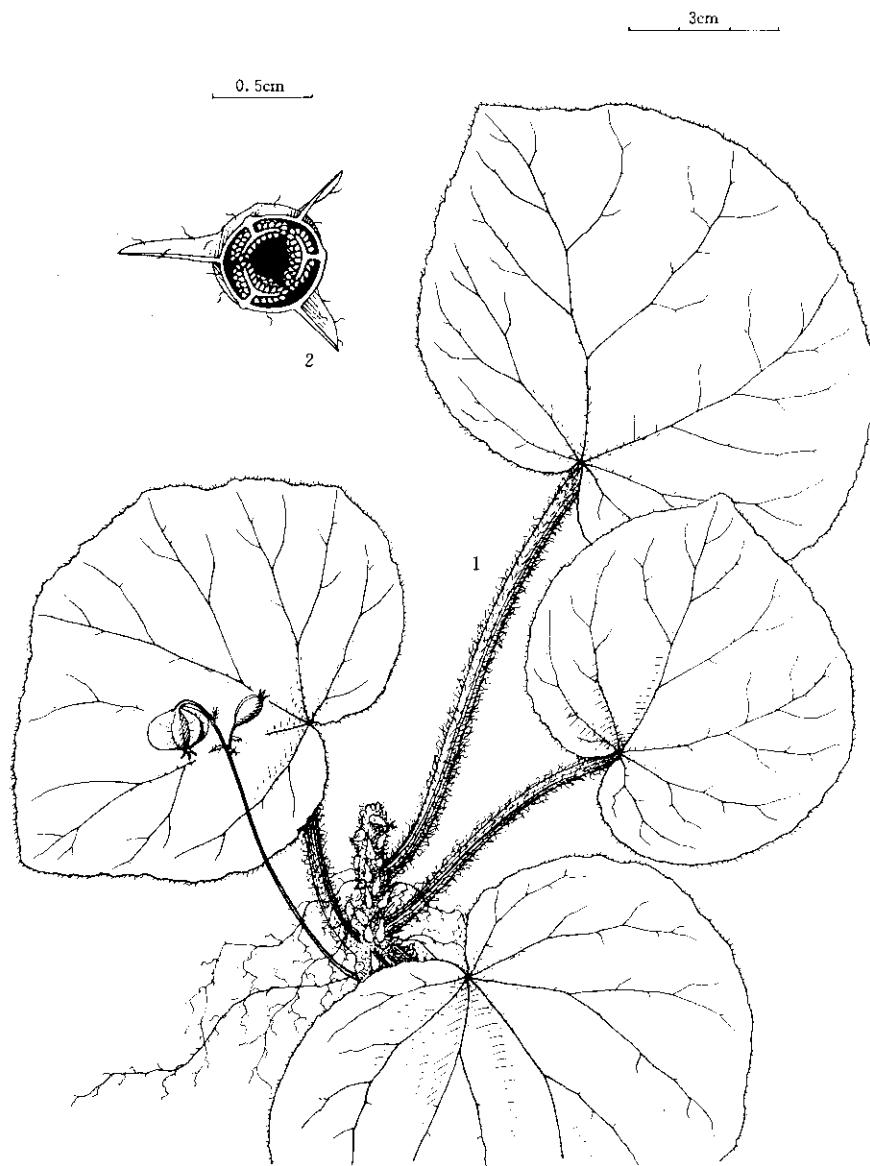


图 25 双花秋海棠 1. 植株; 2. 果实横切面。(冀朝桢绘)
Fig. 25 *B. biflora* 1. habit; 2. section of fruit.

ovatae, 1~1.6 cm longae, ciliatae; pedicelli flaccidi, circ. 8 mm longi, sparse puberuli. Flos staminatus: tepala 4, luteolo-viridula, exteriora 2 oblata, 3.5~7 mm longa, 5~9 mm

lata, apice rotundato-obtusa, extus sparse puberula, interiora 2 longe ovata vel obovato-oblonga, circ. 2.8 mm longa, 2 mm lata, apice rotundato-obtusa, glabra; stamina numerosa, densissime congesta, globosa, filamentis 0.8~1 mm longis, antheris oblongis circ. 0.8 mm longis apice emarginatis. Flos pistillatus ignotus. Capsula parva, oblonga, circ. 6 mm longa, 4~5 mm lata, puberula, 1-loculata, placentis 2-fidis, inaequaliter 3-alata, ala una leviter majore longe semiorbiculari, circ 5 mm longa 4 mm lata apice rotundata longitudinaliter striata glabra, ceteris duabus leviter minoribus semiorbicularibus 3.5~4 mm longis 6 mm latis apice rotundatis longitudinaliter striatis glabris; pedicellus fructifer 0.8 mm longus, sparse pubescens; capsula pendula.

Yunnan(云南): Malipo(麻栗坡), Tianbao(天保), alt. 300~400 m, on rocks in rain forests of valley, 1964-06-09, S. Z. Wang (王守正) 824 (holotype, KUN).

本种和短茎秋海棠 *B. brevicaulis* Ku 极近似,但完全无地上茎,叶片宽卵形,两侧极不对称,叶柄和叶片下面均被褐色长卷曲毛而极不相同。

32 大新秋海棠 新种 图 26

Begonia daxinensis Ku. sp. nov. (Sect. Coelocentrum Irmsch.)

Habitus similis *B. morsei* Irmsch., a qua foliis adultis supra glabris subtus ad nervos adpresso puberulis, cyma 4~6-flora, capsulae alis tribus subaequimagnis recedit.

Herba perennis. Rhizoma robustum, transversale, ad nodos squamis praeditum et radicans, radicibus fibrosis. Folia omnia basalia, longe petiolata; laminae inaequilaterales, ambiu suborbicularia vel transversaliter late ovatae, 10~10.8 cm longae, ca. 11.5 cm latae, apice breviter acuminatae, basi obliquae, cordatae, latere angustiore circ. 2.9 cm latae, latere latiore 3.9 cm latae, nargine minute serrulatae, dentibus apice breviter aristatis, supra brunneo-virides, glabrae, subtus brunneolae, ad nervos adpresso puberulae, palmatim 7-nerves, nervis basalibus subtus conspicuis brunneolis; petioli 10~14 cm longi, longitudinaliter angulati, crispe brunneo-pubescentes; stipulae membranaceae, ovatae, 6~7 mm longae, apice breviter aristatae, caducae. Scapus 13~20 cm altus, supra medium sparse crispe pubescens, infra medium subglaber; cyma dichotoma bis ramosa, 4-flora. Flores ignoti. Capsula ovoideo-oblonga, ca. 1.5 cm longa, 6~8 mm in diam., glabra, placentis tribus 2-lamellatis, subaequaliter 3-alata, alis semiorbicularibus 5~7 mm longis.

Guangxi(广西): Daxin(大新), in shady places of limestone hills, 1981-04-09, H. N. Qin (谭海宁) 73 (holotype, PE).

本种外形近似龙州秋海棠 *B. morsei* Irmsch., 唯成熟叶片上面无毛,下面沿脉贴生短柔毛;花4~6朵;果3翅不等大,而易于区别。

33 广西秋海棠 新种 图 27

Begonia guangxiensis C. Y. Wu, sp. nov. (Sect. Coelocentrum Irmsch.)

Habitus similis *B. limprichtii* Irmsch., a qua rhizomate robusto haud repente ad nodos haud radicante, foliis utrinque crispe brunneo-villosis differt.

Herba perennis. Rhizoma robustum, ca. 1.3 cm in diam., squamis et radicibus fibrosis

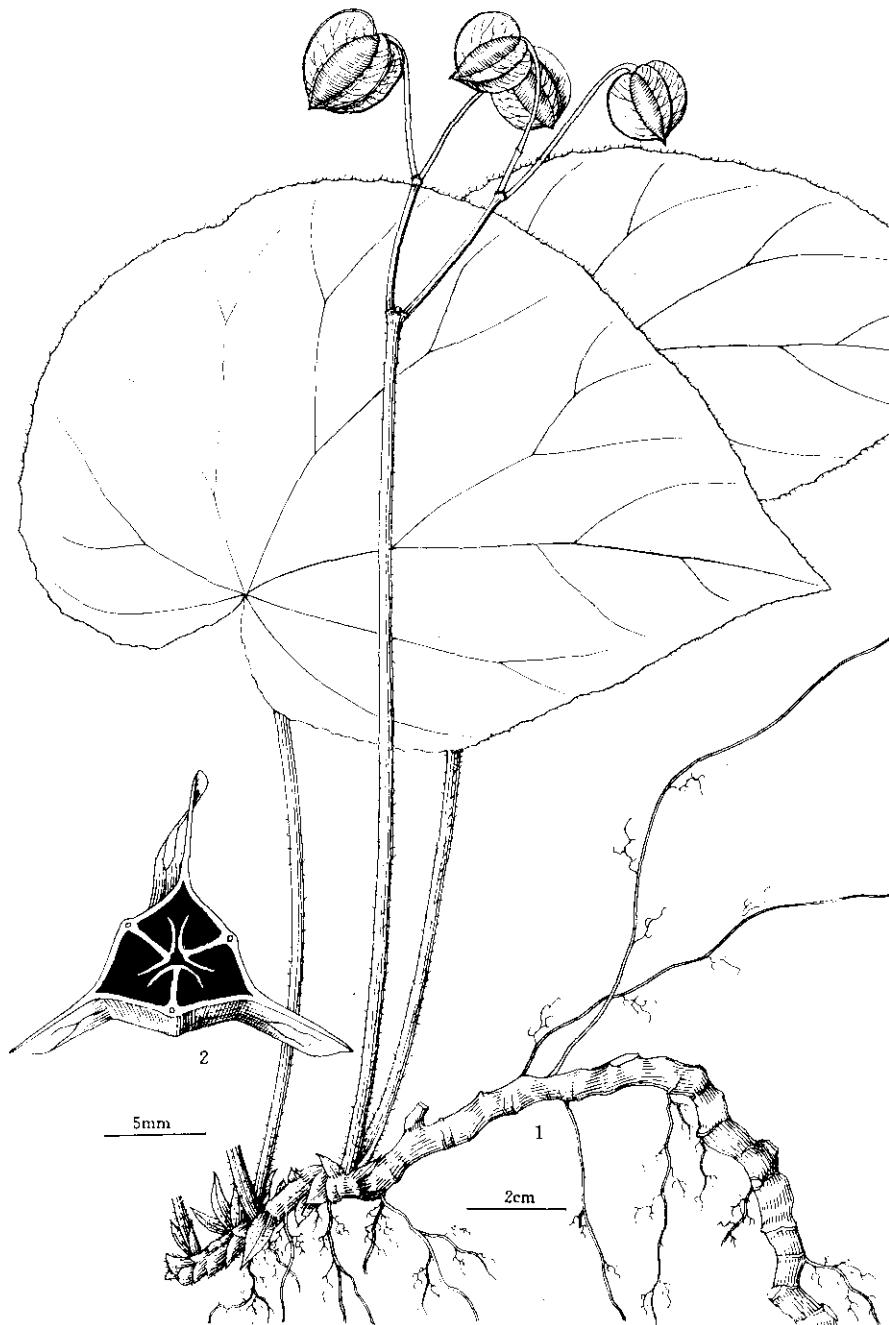


图 26 大新秋海棠 1. 植株; 2. 果实横切面。(王金凤绘)

Fig. 26 *B. daxinensis* 1. habit; 2. section of fruit.

praeditum. Folium unum basale, longe petiolatum; lamina inaequilateralis, ambitu late ovata vel suborbicularis, ca. 8.9 cm longa, 9.5 cm lata, apice breviter acuminata, basi leviter obliqua, profunde cordata, latere angustiore circ. 3.1 cm lata, latere latoire 4.6 cm lata,

margine inaequaliter crenata, crenis triangularibus apice aristatis, aristis 2~3 mm longis, supra saturate brunnea, subtus brunneola, utrinque crispe brunneo-villosa, pilis 2.5~4 mm

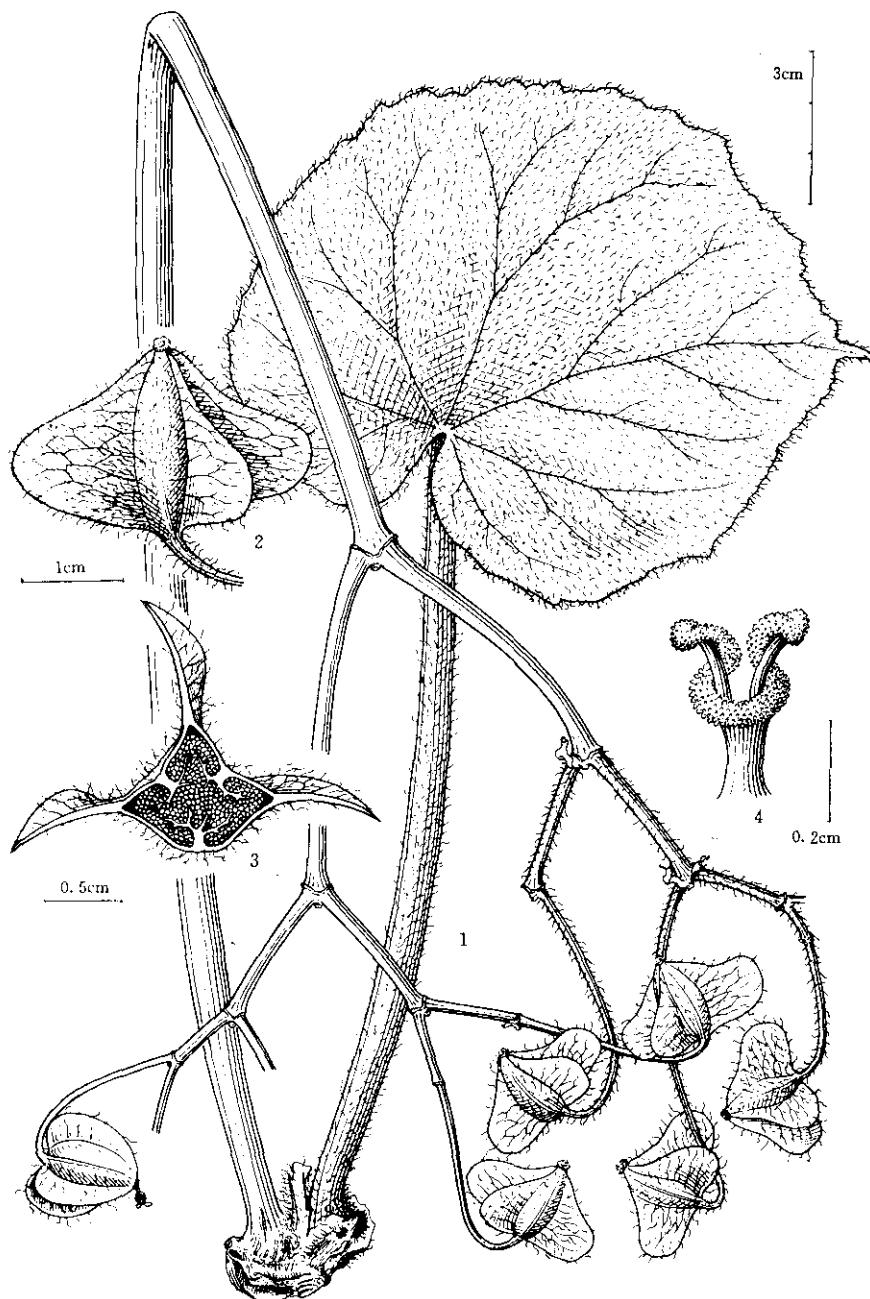


图 27 广西秋海棠 1. 植株; 2. 果实; 3. 果实横切面; 4. 雌蕊。(冀朝桢绘)

Fig. 27 *B. guangxiensis* 1. habit; 2. fruit; 3. section of fruit; 4. pistil.

longis, palmatim 6-nervis; petiolus ca. 15.5 cm longus, crispe brunneo-villosus; stipulae caducae. Scapus ca. 36.5 cm altus, folium multo superans, longitudinaliter angulatus, crispe

brunneo-villosus; cyma dichotoma ter vel quater ramosa, 6~8-flora; bracteae oblongae vel triangulari-lanceo-latae, ca. 8 mm longae, caducae; rami primarii 6.5 cm longi, secundarii 2.5~2.8 cm longi, cum pedicellis fructiferis ca 4 cm longis crispe brunneo-villoso. Flores ignoti. Capsula ovoido-oblonga, 1.5~1.7 cm longa, pubescens, inaequaliter 3-alata, alis hispidulis, ea majore oblique triangulari, eis duabus minoribus lunatis capsulae adpressis. Semina numerosa, minuta, oblonga, longitudinaliter angulata, glabra.

Guangxi(广西): Duan(都安), Banling(板岭), Yongji(永吉), 1978-04-18, Exped. Duan (都安调查队), 4-10-254 (holotype, GXMI)

本种外形和戴叶秋海棠 *B. limprichtii* Irmsch. 相近似, 唯本种地下茎粗壮, 不是匍匐茎也不节处生根, 叶两面均被褐色卷曲长毛而不同。

34 刺盾叶秋海棠 新种 图 28

Begonia setuloso-peltata C. Y. Wu, sp. nov. (Sect. Coelocentrum Irmsch.)

Habitus *B. umbraculifoliae* Y. Wan et B. N. Chang similis, sed planta humiliore, foliis minoribus ovatis margine densius serratis, floris pistillati tepalis 4 differt.

Herba perennis Rhizoma terete, transversale, nodis densis squamis densis praeditis et radices graciles edens. Folia basalia petiolata; laminae inaequilaterales, ovatae vel late ovatae, 4~6.5 cm longae, 4~5.5 cm latae, apice breviter caudatae, basi subcordatae vel rotundatae, latere angustiore rotundatae, lobis 1.3~2 cm latis, latere latiore rotundato-auriculatae, auriculis 2.5~3 cm latis, margine inaequaliter aristato-denticulatae, supra brunneovirides sparse hispidulae, subtus viridulae, dense punctulatae et ad nervos hispidulae, palmatim 7-nerves; petioli 4~6 cm longi, sparsissime hirsuti; stipulae caducae. Scapus circ. 20.5 cm altus, subglaber; cyma dichotoma floribus nonnullis praedita; bracteae caducae; rami primarii 1.5 cm longi, secundarii 1 cm longi; bracteolae ovatae, 7~9 mm longae, 4~5 mm latae, margine sparse denticulatae; pedicelli 12~15 mm longi, glabri. Flos staminatus: tepala 4, purpurascens, 2 exteriora late ovata, circ. 12 mm longa, 10 mm lata, apice rotundata, basi subrotundata, extus glabra, 2 interiora oblonga, circ. 6 mm longa, 4 mm lata, apice rotundato-obtusa, basi late cuneata; stamina numerosa, globosa, filamentis 1~2 mm longis, antheris obovato-oblongis circ. 1 mm longis apice emarginatis vel truncatis. Flos pistillatus: Tepala 4, purpurascens, 2 exteriora oblata, 2 interiora oblonga; ovarium oblongum, extus glabrum, placentis parietalibus 3, 2-fidis, subaequaliter 3-alatum; styli 3, basi connata; stigmata spiraliter tortulosa, dense papillosa.

Guangxi(广西); Donglan(东兰), Changdong(长东), in shady places of valley, 1959-02, collector unknown, 05244 (holotype, GXMI)。

该种外形和龙虎山秋海棠 *B. umbraculifolia* Y. Wan et B. N. Chang 相类似, 但植株较矮小, 叶片亦较小, 卵形, 边缘锯齿较密而锐, 花被片 4 而不同。

35 多花秋海棠 新种 图 29

Begonia floribunda Ku. sp. nov. (Sect. Platycentrum (Klotsch) A. DC.)

Habitus similis *B. josephii* A. DC., a qua foliis oblongo-lanceolatis vel ovato-lanceolatis

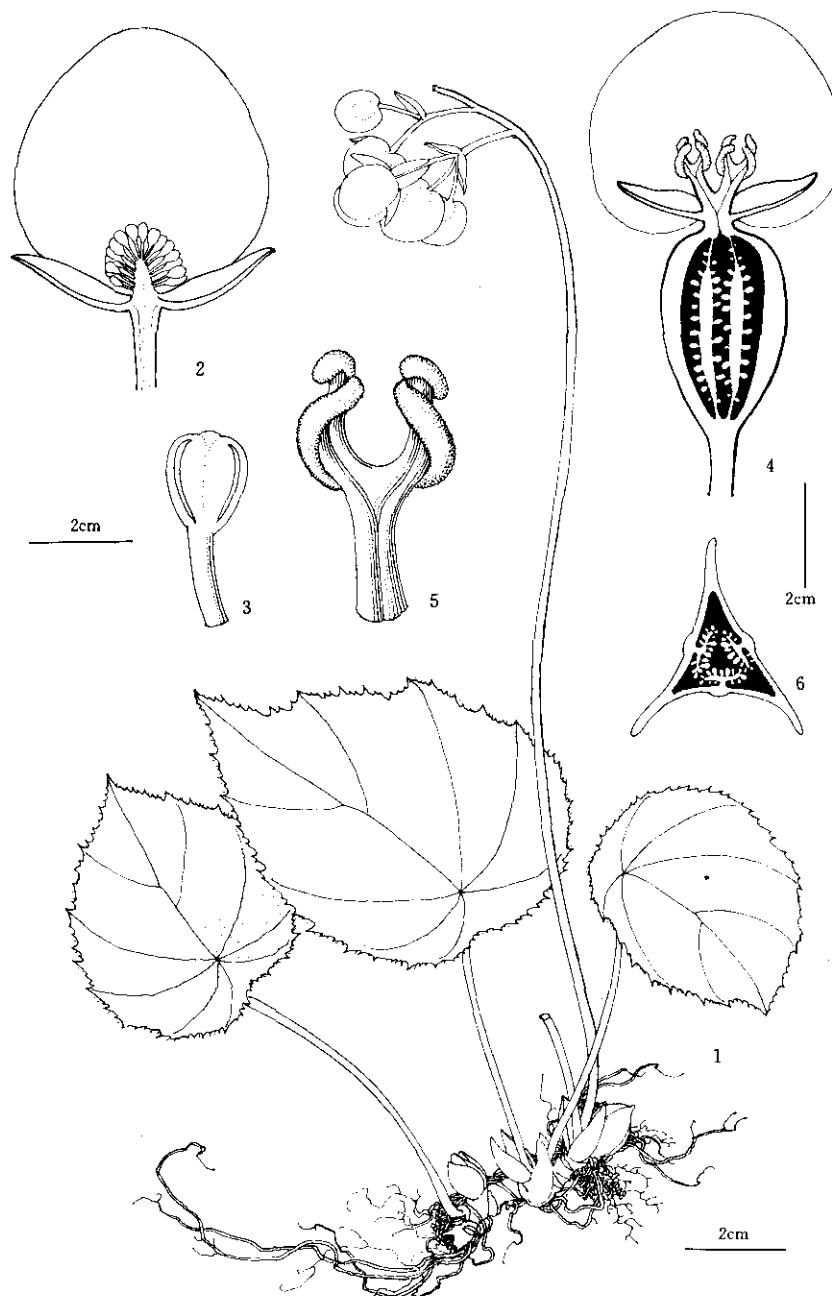


图 28 刺盾叶秋海棠 1. 植株; 2. 雄花纵剖; 3. 雄蕊; 4. 雌花纵剖面; 5. 柱头; 6. 子房横切面。(曾孝廉绘)
 Fig. 28 *B. setuloso-peltata* 1. habit; 2. vertical section of male flower; 3. stamen; 4. vertical section of female flower;
 5. pistil; 6. section of ovary.

utrinque glabris margine remote crenulatis differt.

Herba perennis. Rhizoma robustum, erectum, 13~20 cm longum, 5~7 mm in diam.,

saepe ramosum, nodis densis squamas numerosas membranaceas brunneas ovato-lanceolatas et radices numerosas fibrosas ferentibus. Folia omnia basalia, longe petiolata; laminae leviter inaequilaterales, ambitu oblongo-lanceolatae vel ovato-lanceolatae, 4.5~10.2 cm longae, 1.5~2.9 cm latae, apice longe acuminatae vel longe caudatae, basi leviter obliquae, peltatae, latere angustiore late cuneatae, eo latiore rotundato-auriculatae, auriculis 1~2 cm latis, margine remote crenulatae, supra saturate virides, glabrae, subtus flavid-virides, glabrae, palmatim 5~6-nerves, nervis basalibus subtus conspicuis; petioli 2.5~7.5 cm longi, subglabri, angulati; stipulae caducae. Scapus 2~4 cm altus, glaber; cyma dichotoma, quinque vel sexies ramosa, multiflora; bractae membranaceae, oblongae, ca. 2 mm longae, 0.6~0.7 cm latae, glabrae, pedicelli 7~10 mm longi, glabri. Flos staminatus: tepala 2, purpurea, semiorbicularia, circ. 3 mm longa. 3.5 mm lata, apice rotundata, basi leviter cordata; stamina numerosa, filamentis liberis circ. 1 mm longis, antheris obovoideis 0.6~1 mm longis. Flos pistillatus: tepala 2, purpurea, late ovata, 3~4 mm longa, 4~5 mm lata, apice rotundata; ovarium oblongum, 5~7 mm longum, glabrum, anguste 3-alatum, 3-loculatum, placenta 2-lamellata; styli 3, dimidio infero connati; stigmata turgida, extrinsecus tortuosa. Capsula oblongo-obovoidea, ca. 13 mm longa, 6~7 mm in diam., glabra, inaequaliter 3-alata, alis glabris, ea majore dolabiformi, eis duabus minoribus angustis superne planis inferne obliquis.

Guangxi(广西): Longzhou(龙州), inter Longgang et Shida, alt. 230 m, in shady places of stony hills, 1985-11-09, Z. Y. Li *et al.* (李振宇等) 018 (holotype, PE); same locality, 1987-05-13, J. Y. Luo (罗金裕) et Q. R. Lai (赖其瑞) 80149.

本种外形和重齿秋海棠 *B. josephi* A. DC. 相似, 唯本种叶片长圆披针形至卵状披针形, 两面均无毛, 边缘为不明显单锯齿而不同。

36 中越秋海棠 新种 图 30

***Begonia sino-veitnamica* C. Y. Wu, sp. nov. (Sect. *Begonia*)**

Habitus *B. setifoliae* Irmsch. similis, sed foliis supra pilis rigidis, subtus ad nervos dense hispidis et albo-punctatis, margine dense dentatis differt.

Herba perennis. Rhizoma robustum, tortuosum, nodis densis squamis praeditis et radices numerosas elongatas fibrosas edentibus. Caulis nullus vel valde abbreviatus. Folia omnia basalia vel ad apicem caulis conferta, longe petiolata; laminae inaequilaterales, ambitu ovatae vel late ovatae, 5.5~11 cm longae, 4.8~8.5 cm latae, apice breviter caudatae vel acuminatae, basi obliquae, cordatae, latere angustiore 1.8~2.5 cm latae, latere latiore 2.9~3.9 cm latae, margine dense duplicate vel simpliciter serrulatae, dentibus apice aristis 0.8~1.5 mm longis munitis, supra siccitate brunneo-virides, pilis rigidis curvatis vel rectis tectae, subtus brunneolo-viridulae, ad nervos dense hispidae et albo-punctatae, palmatim 6~8-nerves; petioli 8~20.1 cm longi, dense crispeque brunneo-hirsutae; stipulae membranaceae, ovato-oblongae, 7~11 mm longae, apice aristatae, margine integrae, extus villosae. Scapus 9~12 cm altus, sparse pilosus vel subglaber; cyma dichotoma bis vel ter ramosa, 2~6-flora;



图 29 多花秋海棠 1. 植株；2. 雄花；3. 雌花；4. 子房横切面。(王金凤绘)
Fig. 29 *B. floribunda* 1. habit; 2. male flower; 3. female flower; 4. section of ovary.

bracteae lanceolatae, circ. 8 mm longae, apice acuminatae, margine sparse ciliatae; rami primarii 5~6 cm longi, secundarii 1.5~5.5 cm longi, subglabri; pedicelli 1~1.5 cm longi, sparse hispidi vel subglabri. Flos staminatus; tepala 4, alba, 2 exteriora ovato-oblonga, ca.

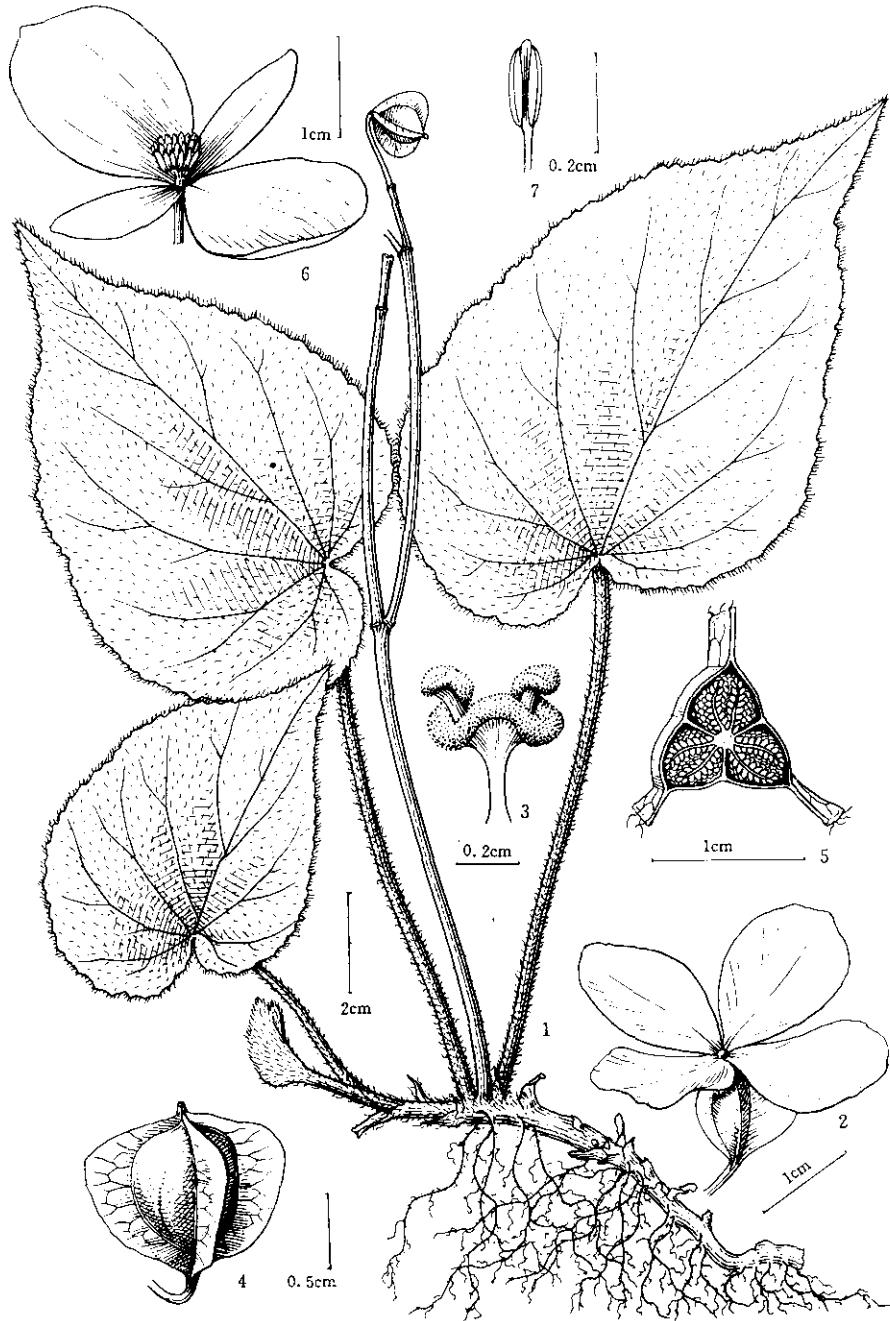


图 30 中越秋海棠 1. 植株; 2. 雌花; 3. 雄蕊; 4. 果实; 5. 果实横切面; 6. 雄花; 7. 雄蕊。(冀朝桢绘)

Fig. 30 *B. sino-vietnamica* 1. habit; 2. female flower; 3. pistil;

4. fruit; 5. section of fruit; 6. male flower; 7. stamen.

2.1 cm longa, 1.6 cm lata. apice rotundata, marginae sparse ciliata, extus sparse pilosa, 2 interiora oblonga, circ. 1.2 cm longa, 5~6 mm lata, apice rotundata, glabra; stamena numerosa, filamentis circ. 1.2 mm longis liberis, antheris oblongis circ. 1.5 mm longis apice

obtusis. Flos pistillatus: tepala 4, alba, 2 exteriora obovato-oblonga, 1.8~2 cm longa, 8~10 mm lata, extus sparse pilosa, 2 interiora eis exterioribus similia, extus glabra; ovarium obovoideum, circ. 10 mm longum, 5 mm in diam., pilosum, 3-loculatum, placentis 2-lamellatis; styli 3, inferne connati, superne lobati, lobis turgidis spiraliter extrinsecus tortuosus spinulo-papillosus, Capsula obovoidea, circ. 10 mm longa, 11 mm in diam., leviter inaequaliter 3-alata, alis lunatis capsulae adpressis; pedicellus fructifer nutans, circ. 10 mm longus, dense villosus. Semina numerosa, oblonga, brunneola, longitudinaliter striata.

Guangxi(广西): Dongxing, Tansan, alt. 230 m, on slopes, under forests, 1975-08-17, X. P. Fang et D. Fang 76603 (holotype, GXMI); same locality, by stream, 1976-10-12, Exped. Naqin. 432; Guiping, Zijing, Mt. Qilin, 1977-05-09, Exped. Guiping 8-1582.

本种和刚毛秋海棠 *B. setifolia* Irmsch. 相近似, 唯本种叶片上面被短毛, 下面沿脉密被短毛并有明显浅色小斑点, 边缘之齿较密而不同。

37 短茎秋海棠 新种 图 31

Begonia brevicaulis Ku, sp. nov. (Sect. Reichenheimia (Klotsch) Irmsch.)

Habitus *B. tsaii* Irmsch. similis, sed rhizomate abbreviato, foliorum laminis longitudine latitudinem equante apice rotundatis basi valde obliquis supra hirtellis, subtus hispidulis differt.

Herba perennis. Rhizoma robustum, circ. 3.5 cm longum, 7 mm diam., nodis densis squamis membranaceis praeditis et radices numerosas graciles edentibus. Caulis abbreviatus, circ. 2.9 cm altus, hispidulus. Folia basalia longe petiolata; laminae inaequilaterales, late ovatae vel suborbicularis, 7~8.5 cm longae, 6.5~8 cm latae, apice rotundato-obtusae, basi leviter obliquae, latere angustiore rotundatae, lobis circ. 2 cm latis, latere latiore auriculatae, auriculis 3.9~4.2 cm latis, margine dense denticulatae, supra saturate virides, sparse hispidulae, subtus viridulae, albido-punctulatae, ad nervos brunneo-hirtellae, palmatim 8-nerves, costa media et nervis subtus prominentibus brunneis; petioli 5~8 cm longi, sparse hispiduli, longitudinaliter angulati; stipulae caducae. Cyma 2-flora; bracteae 2, oppositae, virides, suborbicularis, circ. 2 cm longae, 2.5 cm latae, apice rotundatae, supra hispidulae, subtus ad nervos hispidulae; rami hispiduli, primarii 1.3 cm longi, secundarii circ. 4 mm longi, Flos staminatus: pedicellus circ. 2 cm longus, hispidulus; tepala 4, rosea, 2 exteriora late oblonga, circ. 1.3 cm longa, 9 mm lata, apice rotundata, extus basi hispidula, 2 interiora obovato-oblonga, circ. 9 mm longa, 3 mm lata, apice rotundata, glabra; stamena numerosa, filamentis circ. 1 mm longis, antheris obovato-oblongis 0.4 mm longis apice paulo apiculatis. Flos pistillatus ignotus. Capsula juvenalis oboviedo-oblonga, circ. 1 cm longa, 6 mm diam., subglabra, subaequaliter 3-alata, ala una majore oblique triangulari, alis ceteris duabus angustioribus glabris, stylis persistentibus 3 basi connatis, stigmatibus 2-lobatis apice turgidis, tortulosis, dense papillosum; pedicellus fructifer 6 mm longus, pendulus, hispidulus.

Yunnan: (云南): Malipo (麻栗坡), alt. 1000~1500 m, in evergreen broad-leaved for-

est, 1974-12-10, Geobotany Group, Kunming Institute of Botany(昆明植物所地植物组)
sin. num. (holotype, KUN).

本种外形近似屏边秋海棠 *B. tsaii* Irmsch., 唯本种根状茎短缩, 叶片长宽几相等, 先端圆, 基部极偏斜, 两面均被短毛而不同。

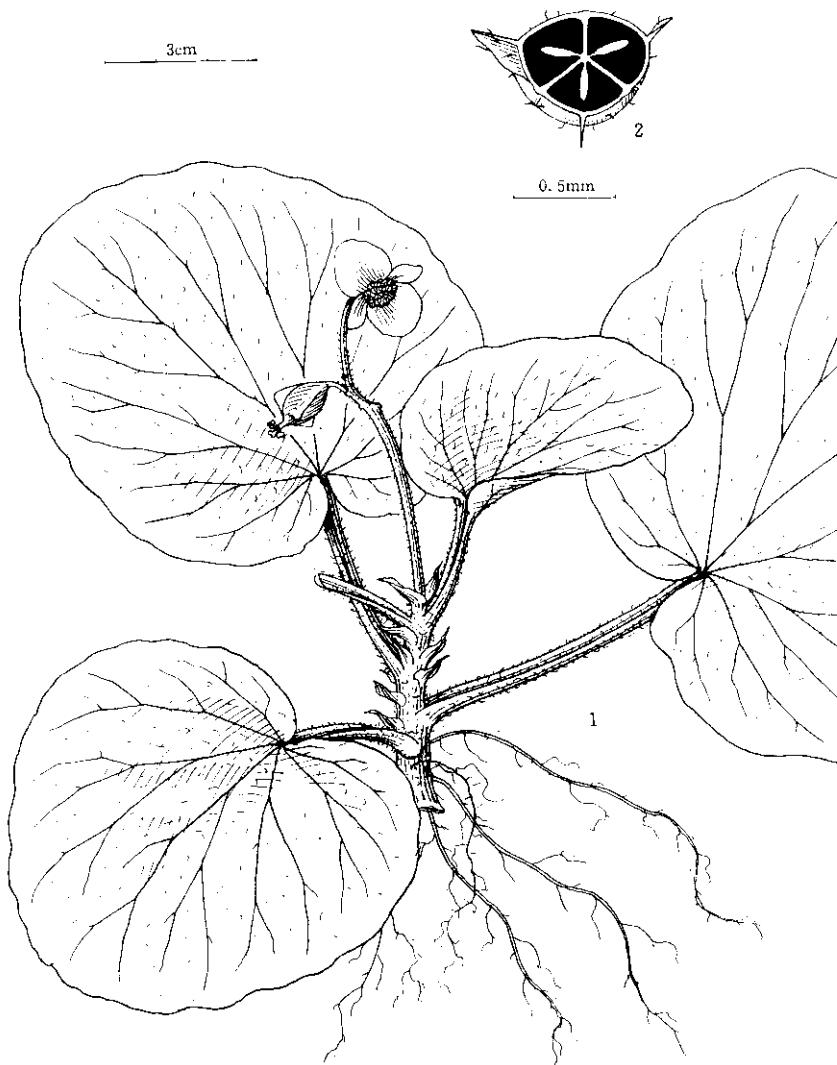


图 31 短茎秋海棠 1. 植株;2. 幼果横断面。(冀朝桢绘)
Fig. 31 *B. brevicaulis* 1. habit; 2. section of fruit.

38 隆安秋海棠 新种 图 32

Begonia longanensis C. Y. Wu, sp. nov. (Sect. *Platycentrum* (Klotsch) A. DC.)

Habitu similis *B. brevisetulosae* C. Y. Wu, a qua foliis suborbicularibus vel late ovatis supra subglabris vel glabris, petiolorum scaporum pedicellorum et capsularum indumentis dissimilibus distinguitur. Etiam similis *B. lanterniae* Irmsch., sed ovario 2-loculato (cum

placenta axili), placentis 2-lamellatis, scapo, pedicellis, tepalis extus et capsula hispidulus differt.

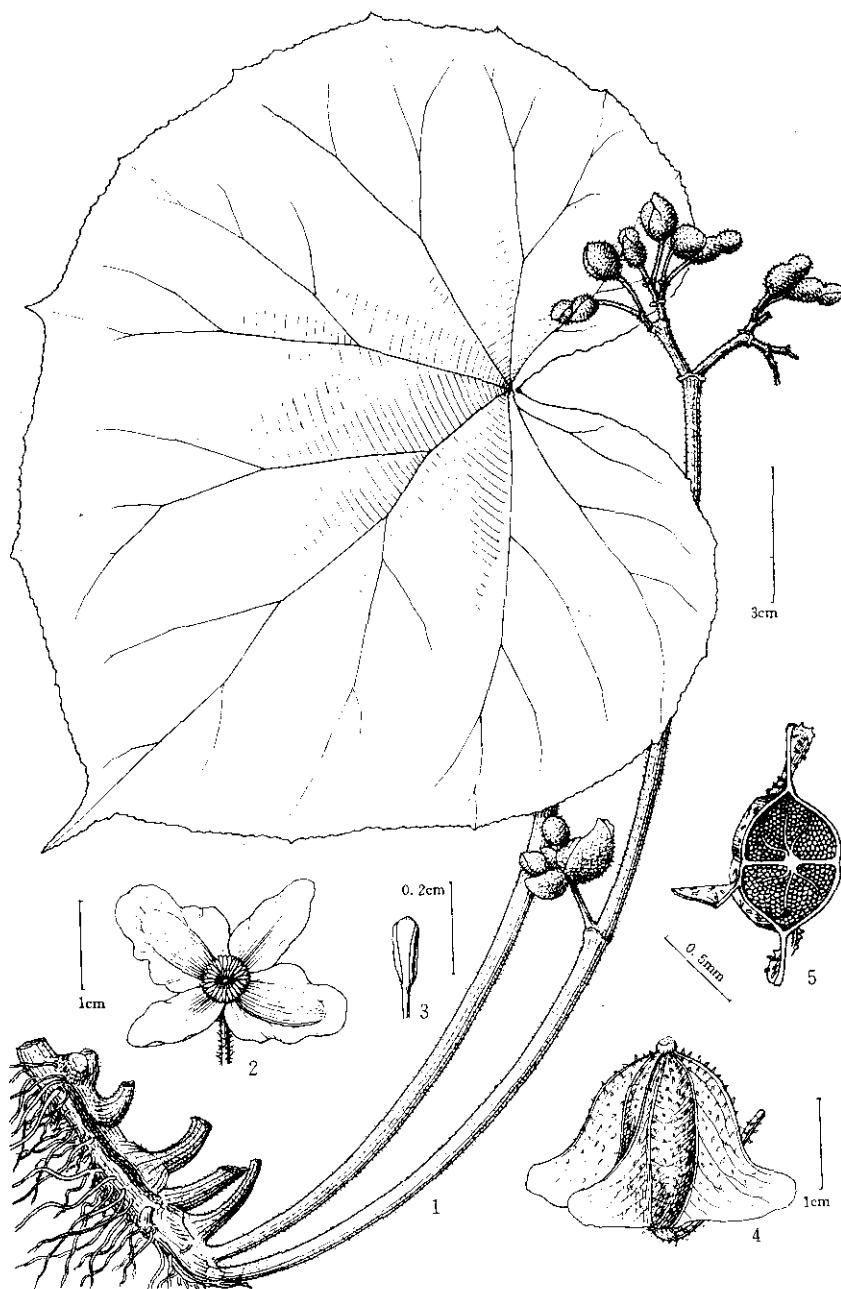


图 32 隆安秋海棠 1. 植株; 2. 雄花; 3. 雄蕊; 4. 果实; 5. 果实横切面。(王金风绘)
Fig. 32 *B. longanensis* 1. habit; 2. male flower; 3. stamen; 4. fruit; 5. section of fruit.

Herba perennis. Rhizoma robustum, nodis densis squamis praeditis et radices numerosas fibrosas edentibus. Folia omnia basalia, longe petiolata; laminae inaequilaterales, ambitu suborbicularares vel late ovatae, ca. 15 cm longae, 16.5 cm latae, apice breviter caudatae,

basi obliquae, profunde cordatae, latere angustiore 7 cm latae, eo latiore 8 cm latae, margine inaequaliter remote crenatae, crenis triangularibus, supra brunneo-virides, glabrae vel subglabrae, subtus brunneolo-viridulae, ad nervos setulosae, palmatim 8-nerves, nervis lateribus marginem attingentibus; petioli ca. 20 cm longi, setulosi; stipulae caducae. Scapus ca. 12 cm altus, hispidulus; cyma dichotoma bis vel ter ramosa, 6~10-flora; pedicelli 5~12 cm, dense hispidulus. Flos staminatus: tepala 4, 2 exteriora late ovata, ca. 11 mm longa, 8 mm lata, apice rotundata, extus dense setulosa, intus medio purpureo-brunneo-rotundato-maculata, 2 interiora obovato-oblonga, circ. 10 mm longa, 5 mm lata, apice rotundata, extus glabra; stamina numerosa, filamentis 1.2~1.5 mm longis liberis, antheris obovoideo-oblongis circ. 1 mm longis apice emarginatis. Flos pistillatus: tepala ignota; ovarium obovoideo-oblongum, dense hispidulum, inaequaliter 3-alatum. Capsula obovoideo-oblonga, circ. 2 cm longa, 6~7 mm in diam., hispidula, 2-loculata, placentis 2-lamellatis, inaequaliter 3-alata, alis hispidulis, ea majore oblique triangulari, eis duabus minoribus angustis; pedicelli fructiferi nutantes, circ. 2 cm longi, hispidului. Semina numerosa, oblonga, brunneola.

Guangxi (广西): Longan (隆安), Qiaojian (桥建), in hilly gully, 1975-09-06, C. Z. Gao (高成芝) 73165 (holotype, GXMI).

本种和短刺秋海棠 *B. brevisetulosa* C. Y. Wu 相近似, 唯本种叶片近圆形或宽卵形, 上面近无毛或无毛, 叶柄、花萼和花轮以及蒴果的毛均不同形, 又本种外形和灯果秋海棠 *B. lanternaria* Irmsch. 相近似, 但子房 2 室(中轴胎座), 胎座裂片 2, 花萼、花梗、花被片外面以及果实均被短微硬毛而皆不相同。