
蜘蛛抱蛋属 zhi zhu bao dan shu

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Antherolophus Gagnepain; Colania Gagnepain; Evrardiella Gagnepain; Macrogyne Link & Otto; Plectogyne Link.

Herbs perennial, rhizomatious. Rhizome creeping, elongate; nodes dense. Leaves solitary or 2–4-tufted, basal, erect, long petiolate; leaf blade many veined. Scape usually very short, with 2–8 scales, 1(or 2)-flowered. Flowers bisexual, terminal, generally embraced by 1 or 2 bracts at perianth base. Perianth campanulate, urceolate, or cupular, fleshy, apically (4–)6–8(–10)-lobed. Stamens as many as and opposite perianth lobes, usually inserted in proximal part of perianth tube; filaments very short or absent; anthers dorsifixed. Ovary 3- or 4-loculed; ovules several per locule. Style short, sometimes articulate; stigma usually peltate or mushroom-shaped, large, entire or lobed at margin. Fruit a berry, globose to ovoid-ellipsoid, usually 1-seeded.

About 55 species: China, India, Japan, Laos, Thailand, Vietnam; 49 species (46 endemic, one introduced) in China.

Aspidistra has never been well studied so, for the convenience of later criticisms, we use the narrowest species concept in this treatment. Accordingly, the key to the species may not function completely in some cases. Further studies are needed in order to understand the precise species variation and to establish an adequate species concept in the genus.

1a. Leaves 2–5-tufted (at least mostly so in a clone).
   2a. Perianth urceolate.
      3a. Perianth surface with many deep, longitudinal grooves ................................................................. 49. A. hekouensis
      3b. Perianth surface ± flat, not deeply grooved.
      4a. Scapes usually tufted; leaf blade rounded or nearly so at base .......................................................... 45. A. typica
      4b. Scape solitary.
         5a. Stigma 10–12 mm in diam., margin slightly 3-lobed ................................................................. 46. A. caespitosa
         5b. Stigma 1.5–2.5 mm in diam., margin 3-lobed or (4 or)6-crenate.
         6a. Leaf blade oblong to oblong-lanceolate; stigma strongly convex centrally, margin 3-lobed ............. 47. A. arceolata
         6b. Leaf blade lorate to lorate-oblanceolate; stigma not strongly convex centrally, margin (4 or)6-crenate ................................................................. 48. A. minutiflora
   2b. Perianth campanulate or subcupular.
      7a. Perianth subcupular; lobes deltoid, erect and smooth ................................................................. 38. A. cyathiflora
      7b. Perianth campanulate; lobes oblong, oblong-ovate, or deltoid-ovate, recurved and/or papillose.
         8a. Leaf blade ovate to ovate-lanceolate; perianth white; anthers 5–6 mm ........................................ 39. A. dolichanthera
         8b. Leaf blade lorate, linear, linear-lanceolate, or narrowly oblanceolate; perianth blackish purple, purple, purple-red, pale green, or pale yellow-green, not white; anthers 1.5–4 mm.
         9a. Leaf blade spotted with pale yellow on both surfaces, narrowly oblanceolate; perianth lobes with 4 papillose keels adaxially ................................................. 40. A. yingjiangensis
         9b. Leaf blade without yellow spots, lorate, linear, or linear-lanceolate; perianth lobes with 2, 4, or 6 keels, or sometimes without a keel.
            10a. Stamens inserted at middle of perianth tube, positioned nearly as high as stigma .......................... 41. A. muricata
            10b. Stamens inserted near base or proximally in perianth tube, positioned lower than stigma.
               11a. Perianth lobes with 4 smooth keels adaxially ................................................................. 42. A. hainanensis
               11b. Perianth lobes with 4–6 papillose keels adaxially.
                  12a. Stigma with white convex markings adaxially; perianth lobes 7–8 mm .......................... 43. A. omeiensis
                  12b. Stigma purple, with 3–6 minute grooves adaxially; perianth lobes 15–19 mm .......................... 44. A. linearifolia
      1b. Leaves solitary, spaced.
         13a. Perianth urceolate.
            14a. Perianth tube with fleshy keels on both surfaces; ovary keeled .................................................. 34. A. carinata
            14b. Perianth tube and ovary without keels.
               15a. Perianth lobes narrowly oblong .................................................................................. 37. A. marginella
               15b. Perianth lobes deltoid-ovate or ovate.
                  16a. Leaf blade oblong or narrowly oblong-lanceolate; perianth lobes purple, deltoid .................. 35. A. leshanensis
                  16b. Leaf blade oblanceolate-oblong; perianth lobes yellow, ovate ................................................ 36. A. fenghuangensis
      13b. Perianth campanulate (including urceolate-campanulate in plants in Taiwan).
         17a. Perianth white or yellow (at least abaxial surface wholly white or yellow).
            18a. Perianth white .......................................................................................................................... 1. A. cavicola
            18b. Perianth yellow (at least mostly so).
               19a. Scape 10.5–22.5 cm; perianth lobes 8–15 mm ........................................................................ 2. A. longipedunculata
               19b. Scape 0.5–2.5 cm; perianth lobes 4.5–7 mm.
20a. Perianth lobes narrowly ovate-lanceolate, ca. 4.5 mm, not keeled adaxially; stamens inserted at middle of perianth tube, positioned higher than stigma .................................................. 3. A. triloba

20b. Perianth lobes lanceolate, 5–7 mm, with 2 fleshy keels adaxially; stamens inserted in proximal part of perianth tube, positioned lower than stigma ........................................................................ 4. A. flaviflora

17b. Perianth pink, red, purple, blue, or pale green.

21a. Perianth pale green with purplish brown speckles.

21b. Perianth pink, red, purple, or blue (sometimes tube white), sometimes with colored speckles.

22a. Leaf blade lanceolate, 25–30 × 4.5–5.5 cm; perianth lobes with 2 keels adaxially ................................. 5. A. punctata

22b. Leaf blade narrowly oblanco-lanceolate or lorata-lanceolate, 2.5–3.0 × 4.5–5.5 cm; perianth lobes with 4 keels adaxially ........................................................................................................ 6. A. fasciaria

21b. Perianth pink, red, purple, or blue (sometimes tube white), sometimes with colored speckles.

23a. Scapes usually 2–5-tufted; perianth lobes smooth adaxially ......................................................... 33. A. saxicola

23b. Scape solitary.

24a. Perianth lobes basally expanded inward forming toothlike, subulate, or oblong appendages.

24b. Perianth lobes without appendages basally.

25a. Perianth lobes 0.3–1 cm, shorter than or nearly as long as tube.

26a. Perianth lobes 0.3–0.4 cm, shorter than tube ............................................................................... 28. A. oblongifolia

26b. Perianth lobes 0.7–1 cm, nearly as long as tube .............................................................................. 29. A. longanensis

25b. Perianth lobes 2.4–7.5 cm, much longer than tube.

27a. Perianth tube villous, lobes 7–7.5 cm, appendages papillose ....................................................... 32. A. longiloba

27b. Perianth tube glabrous, lobes 2.4–4.5 cm, appendages not papillose.

28a. Perianth pale purple; perianth lobes less than 2 × as long as tube; berry softly prickly .............. 30. A. pateniloba

28b. Perianth red-pink; perianth lobes ca. 3 × as long as tube; berry glabrous ................................. 31. A. luodianensis

29a. Stamens inserted at or above middle of perianth tube, positioned as high as or higher than stigma.

29b. Stamens inserted nearly at base of or proximally in perianth tube, positioned lower than stigma.

30a. Perianth 0.9–1.2 cm .................................................................................................................. 7. A. claviformis

30b. Perianth 1.7–2.5 cm.

31a. Stamens inserted above middle of perianth tube, positioned much higher than stigma; perianth lobes (5 or)6 .............................................................. 8. A. retusa

31b. Stamens inserted at middle of perianth tube, positioned slightly higher than stigma; perianth lobes 7 or 8.


32b. Perianth urceolate-campanulate, lobes narrowly deltoid, 2-keeled adaxially ............................ 10. A. daibuenst

34a. Stigma subglobose or mushroom-shaped, 1–1.9 cm in diam.

35a. Style articulate; stigma mushroom-shaped, 1–1.2 cm in diam. ............................................... 11. A. fungilliformis

35b. Style not articulate; stigma subglobose, to 1.9 cm in diam. ....................................................... 12. A. subrotata

36a. Perianth lobes equaling or longer than tube.

37a. Scape 1–4 cm; perianth 1–1.8 cm ......................................................................................... 15. A. austrosinensis

37b. Scape 0.3–0.5 cm; perianth 3–3.5 cm ...................................................................................... 17. A. longipetala

36b. Perianth lobes shorter than tube.

38a. Stigma cross-shaped .................................................................................................................. 26. A. cruciformis

38b. Stigma usually orbicular, not cross-shaped.

39a. Perianth 3–3.5 cm .................................................................................................................. 16. A. tonkinensis

39b. Perianth 1–2.5 cm.

40a. Stigma with 3 or 4 globose, fleshy projections at center adaxially ................................. 14. A. aceta buliformis

40b. Stigma without globose projections.

41a. Stigma with 4 hollows at center adaxially .............................................................................. 27. A. leyeensis

41b. Stigma without hollows.

42a. Fleshy keels on adaxial surface of perianth lobes fimbriate .................................................... 18. A. fimbriata

42b. Fleshy keels on adaxial surface of perianth lobes not fimbriate.

43a. Leaf blade oblanco-lanceolate, or at least partly so.

44a. Leaf blade 5–9 cm wide; perianth lobes subdeltoid; stigma 3(or 4)-lobed at margin .................. 21. A. xilinensis

44b. Leaf blade 2–4 cm wide; perianth lobes narrowly lanceolate or narrowly oblong; stigma 4- or 8-lobed at margin.

45a. Perianth lobes narrowly lanceolate; stigma 1–1.2 cm in diam., 4-lobed at margin ............... 19. A. ebianensis

洞生蜘蛛抱蛋 dong sheng zhi zhu bao dan

Rhizome subterete, ca. 3 mm thick, densely covered with scales. Leaves solitary; petiole 7.5–25 cm; leaf blade elliptic to oblong-lanceolate, 17.5–100 × 3.5–13.5 cm, base cuneate, apex acuminate. Scape 0.7–1.5 cm; bracts ca. 4. Flower solitary, erect. Perianth yellow, campanulate, fleshy, 8-lobed apically; tube 7–13 × 5–7 mm; lobes reflexed, lanceolate, 5–7 × 2–4 mm, slightly fleshy. Stamens 6–10, inserted at or slightly below middle of perianth tube, subsessile; anthers oblong, ca. 2.5 mm. Pistil ca. 4.5 mm; stigma slightly enlarged, ca. 1 mm in diam., slightly exceeding anthers. Berry pale purple, subglobose or depressed globose, 7–10 mm in diam., ca. 3-seeded. Fl. and fr. Jun–Jul. 2n = 36*.

• Limestone caverns; 500–600 m. NW Guangxi (Fengshan Xian).


长梗蜘蛛抱蛋 chang geng zhi zhu bao dan

Rhizome subterete, 4–10 mm thick, densely covered with scales. Leaves solitary; petiole 4–45 cm; leaf blade narrowly oblong-lanceolate, 17–50 × 3.5–13.5 cm, base cuneate, apex acuminate. Scape purple-brown, 10.5–22.5 cm; bracts 6–9; Flower solitary, nodding, slightly fragrant. Perianth yellow, campanulate, (6–)8–10-lobed apically; tube ca. 7 × 10 mm; lobes reflexed, suboblong, 0.8–1.5 cm × 7(–9) mm, slightly fleshy, smooth adaxially. Stamens 6–10, inserted at or slightly below middle of perianth tube, subsessile; anthers subreniform, ca. 5 mm. Pistil ca. 4.5 mm; stigma slightly enlarged, ca. 1 mm in diam., slightly exceeding anthers. Berry purple, subglobose or depressed globose, 7–10 mm in diam., slightly fleshy. Stamens 6 or 7, inserted at middle of perianth tube, positioned higher than stigma; filaments 1–1.5 mm; anthers broadly elliptic, ca. 1 mm. Pistil ca. 3 mm; style articulate; stigma slightly enlarged, ca. 1.7 mm in diam., 3-parted at margin. Fl. Apr. 2n = 36*.

• Sparse forests along valleys; 300–400 m. SC Hunan (Qiyang Xian), W Jiangxi (Jinggangshan).


黄花蜘蛛抱蛋 huang hua zhi zhu bao dan

Rhizome terete, 3–7 mm thick. Leaves solitary; petiole 10–26 cm; leaf blade spotted with yellow-white, oblong-lanceolate to narrowly elliptic, 19–30 × 3–6 cm. Scape 0.5–1.5 cm, 1 mm. Pistil ca. 2.5 cm; style articulate; stigma slightly enlarged, ca. 1.5 mm in diam., slightly exceeding anthers. Berry ovate-lanceolate, 1–1.5 cm in diam., adaxially concave, slightly 3-lobed at margin. Berry ovoid, 1–1.5 cm in diam., tuberculate. Fl. Sep–Oct, fr. Jan–Jul. 2n = 38*.

• Forested slopes; ca. 800 m. SC Sichuan (Muchuan Xian).


紫点蜘蛛抱蛋 zi dian zhi zhu bao dan

Rhizome terete. Leaves solitary; petiole 7.5–50 cm, rigid; leaf blade lanceolate, 25–30 × 4.5–5.5 cm. Scape rather short; bracts ca. 5, spotted with purplish brown. Flower solitary, nodding. Perianth pale green, densely speckled with purplish brown, campanulate, fleshy, 8-lobed apically; tube hemispheric; lobes ovate, with 2 fleshy keels adaxially, keels dark purple, densely and minutely papillose. Stamens 8, inserted at middle of perianth tube, positioned lower than stigma, subsessile; anthers elliptic, ca. 2 mm. Pistil 3–8 mm; stigma purple, 3–4 mm in diam., adaxially concave, slightly 3-lobed at margin. Berry ovoid, 1–1.5 cm in diam., tuberculate. Fl. Sep–Oct, fr. Jan–Jul. 2n = 36*.

• Forested along ravines. SW Guangxi (Longzhou Xian, Ningming Xian).
Rhizome creeping, terete, covered with scales. Leaves solitary, spaced; leaf blade narrowly oblanceolate or lorate-lanceolate, 50–60 × 2.5–4.5 cm, leathery, base gradually narrowed, margin entire, apex acuminate. Scape 1.8–2.5 cm; bracts 4–6. Flower solitary, erect. Perianth yellow-green, speckled with purple, campanulate, 15–16 × 1.5–2.5 mm, fleshy, 6–8–(10)-lobed apically; tube 7–8 × 1.2–1.5 mm; lobes dark purple, deltoid-ovate, 7–8 × 3–4 mm, with 4 keels adaxially, papillose. Stamens 6–8–(10), inserted at base of perianth tube; anthers broadly ovate, ca. 3 × 2.5 mm. Pistil ca. 5 mm; style short, not articulate; stigma peltate, enlarged, ca. 1.3 cm in diam., convex and purple-red adaxially, 6–8–(10)-lobed at margin, lobes suborbicular at apex. Fl. Jun.

- Guangxi.

Aspidistra fasciaria was described from a plant cultivated at the Guilin Botanical Garden, Yanshan, NE Guangxi, but no details of a wild origin were cited.


棒蕊蜘蛛抱蛋 bang rui zhi zhu bao dan

Rhizome subterete, 6–8 mm thick, densely covered with scales. Leaves solitary, much spaced; petiole (15–)25–50 cm; leaf blade elliptic, 17.5–30 × 5.5–8.5 cm, apex long acuminate. Scape 0.9–3.5 cm; bracts 3–5, white, speckled with purple. Flower solitary. Perianth campanulate, 6-lobed apically; tube white, sometimes speckled with purple, 8–11 × 6–7 mm; lobes reflexed, purple, ovate, 4–5 × 3–4 mm. Stamens inserted just above middle of perianth tube, positioned nearly level with stigma, suborbiculate; anthers broadly ovate, 4.5–5.5 mm. Pistil purple, 7–9 mm; stigma scarcely enlarged, slightly concave and white adaxially, 3-lobed at margin. Fl. Nov. 2n = 36*.

- Forests on limestone hillides. W Guangxi (Long’an Xian, Napo Xian).


广西蜘蛛抱蛋 guang xi zhi zhu bao dan

Rhizome subterete, ca. 5 mm thick, densely covered with scales. Leaves solitary; petiole 16–33 cm; leaf blade oblong to oblong-lanceolate, base cuneate, apex acuminate. Scape 2.5–4.5 cm; bracts 5 or 6. Flower solitary. Perianth campanulate, (5 or) 6-lobed; tube 1.3–1.5 × 0.9–1 cm; lobes ± recurved, deltoid-ovate, ca. 4 × 3 mm, rather thick. Stamens (5 or)6, inserted distally in perianth tube, positioned much higher than stigma, suborbiculate; anthers ovate, ca. 1.8 mm. Pistil ca. 4 mm; style obliquely articulate; stigma slightly enlarged, ca. 1.5 mm in diam., 6-lobed or undulate-lobed at margin. Fl. Apr. 2n = 36*.

- NE Guangxi (Jinxiu Yao Za Zizhixian, Lingui Xian, Yangshuo Xian).


薄叶蜘蛛抱蛋 bo ye zhi zhu bao dan

Rhizome terete, thickened, ca. 1 cm thick, usually covered with scales. Leaves solitary; petiole 30–40 cm; leaf blade oblanco- lceolate, 45–50 × 7–10 cm. Scape erect, 3–5 cm; bracts 3–5. Flower solitary. Perianth tubular-campanulate, 2–2.5 cm, 7- or 8-lobed apically; lobes reflexed, speckled with black, ovate-deltoid, 7–8 mm. Stamens 7 or 8, inserted at middle of perianth tube, suborbiculate; anthers narrowly oblong, ca. 2.5 mm. Pistil 4–5 mm; ovary broadly conical, ca. 2 mm; style ca. 2 mm; stigma peltate, large. Berry green, globose, 2–2.5 cm in diam. Fl. Jun, fr. Jun. 2n = 36*.

- Mountains; 1000–2000 m. Taiwan.


大武蜘蛛抱蛋 da wu zhi zhu bao dan

Rhizome stout, densely covered with scales. Leaves solitary; petiole 10–13 cm; leaf blade green and sometimes with white or yellowish white spots adaxially, oblong-lanceolate to lanceolate, 45–50 × 8–12 cm, base cuneate, apex acute to acuminate. Scape erect, 2–2.5 cm; bracts 4 or 5. Flower solitary. Perianth urceolate-campanulate, 2–2.5 cm, 8-lobed apically; petals narrowly deltoid, ca. 10 × 5 mm, thickened, adaxially with 2 fleshy keels at middle. Stamens 8, inserted at middle of perianth tube; anthers yellow. Ovary cylindrical. Berry globose, 1–1.5 cm in diam. Fl. Jan. 2n = 36*.

- Forests; 700–1800 m. Taiwan.


伞柱蜘蛛抱蛋 san zhu zhi zhu bao dan

Rhizome subterete, 3–5 mm thick. Leaves solitary, spaced; petiole 5–17 cm, rather slender; leaf blade generally yellowish white spotted, ovate-elliptic to elliptic-lanceolate, 8.5–14 × 2.8–6.5 cm. Scape 1–4 cm; bracts 4–6, white, speckled with purple. Flower solitary. Perianth campanulate, 6-lobed apically; tube purple-black adaxially, purple abaxially, 1.2–1.6 × 1.1–1.3 cm; lobes spreading or reflexed, white adaxially, purple abaxially, broadly oblong, 6–10 × 5–8 mm. Stamens 6, inserted at base of perianth tube; filaments ca. 1 mm; anthers subreniform, 2–2.5 mm. Pistil 1–1.2 cm; style articulate; stigma hemispheric, mushroom-shaped, very large, 5–6 mm × 1–1.2 cm, exceeding anthers. Fl. Nov. 2n = 36*.

- Forests in limestone ravines; 300–400 m. W Guangxi (Long’an Xian, Tian’e Xian).


辐花蜘蛛抱蛋 fu hua zhi zhu bao dan

Rhizome subterete, 8–10 mm thick, densely covered with scales. Leaves solitary; petiole 22–28 cm, rigid; leaf blade oblong-oblong-lanceolate, 25–45 × 5.5–8 cm. Scape ca. 5.5 cm; bracts 3 or 4, white, speckled with purple. Flower solitary. Perianth dark purple, 6-lobed apically; tube ca. 8 × 18 mm; lobes horizontally spreading, ovate-lanceolate, 1.8–2.3 cm × 8–10 mm, adaxially minutely papillose, 4-keeled, keels papillose, central 2 extending to tube and fused with those of other lobes. Stamens 8, inserted at middle of perianth tube; filaments ca. 2 mm. Stigma subglobose, to 1.3 × 1.9 cm. Fl. Nov. 2n = 38*.

- S and W Guangxi (Dongxing Xian, Napo Xian).

雾社蜘蛛抱蛋  wu she zhi zhu bao dan

Rhizome terete, ca. 6 mm thick, covered with scales. Leaves solitary; petiole 20–50 cm; leaf blade lanceolate to linear-lanceolate, 30–40 × 3–5 cm, leathery, base cuneate, apex acute to acuminate. Scape 1–2 cm; bracts triangular-ovate. Perianth pink, broadly campanulate, ca. 1 cm, 8-lobed apically; lobes deltoid-lanceolate, adaxially distinctly 2-keeled, margin often folded. Stamens 8, subsessile; anthers ovate, ca. 2 mm. Ovary cylindrical, 5–6 mm; stigma broadly peltate, mushroom-shaped, large. Berry globose, 1–2 cm in diam. Fl. Apr. 2n = 36*.  

- 800–1900 m. C and N Taiwan.

No material of this species has been seen by the present authors.


碟柱蜘蛛抱蛋  die zhu zhi zhu bao dan

Rhizome subterete, 4–7 mm thick. Leaves solitary, spaced; petiole 9–11 cm; leaf blade spotted with yellowish white, oblong-lanceolate to narrowly oblong, ca. 25 × 4–5 cm. Scape 1–2.7 cm; bracts ca. 4. Flower solitary. Perianth campanulate, 8-lobed apically; tube purple adaxially, white abaxially, 9–10 mm × 1.2–1.4 cm; lobes recurved, purple, deltoid, ca. 5 × 5 mm, adaxially with 2 or 3 fleshy, papillose keels. Stamens 8, inserted proximally in perianth tube; filaments ca. 1.5 mm; anthers oblong, ca. 2.6 mm. Pistil ca. 4 mm; stigma large, ca. 7 mm in diam., with 3 or 4 fleshy, globose projections at center adaxially, 8-lobed at margin. Fl. Oct.

- Guangxi.

Described from a cultivated plant originating from Guangxi, without precise locality.


华南蜘蛛抱蛋  hua nan zhi zhu bao dan

Rhizome subterete, 5–8 mm thick. Leaves solitary, spaced; petiole 9–11 cm; leaf blade oblongate, oblong-lanceolate, 40–45 × ca. 5.5 cm, margin denticulate. Scape 1–4 cm; bracts ca. 4 or 5, white, speckled with purple. Flower solitary. Perianth campanulate, 6-lobed apically; tube pale yellow, 7–8 mm × 1–1.2 cm; lobes slightly recurved, purple, subdeltoid, 8–10 × 6–7 mm. Stamens 6, inserted proximally in perianth tube; filaments ca. 1 mm; anthers ovate, 3.5–4 mm. Pistil ca. 7 mm; stigma large, ca. 5 mm in diam., obviously exceeding anthers, undulate at margin. Fl. Oct.

- Guangxi.

Described from a cultivated plant originating from Guangxi, without precise locality.


大花蜘蛛抱蛋  da hua zhi zhu bao dan


Rhizome terete, 4–5 mm thick. Leaves solitary, spaced; petiole 10–13 cm; leaf blade lanceolate-oblong, 13–20 × 4–5.5 cm, margin slightly undulate. Scape ca. 3 cm; bracts ca. 5. Flower solitary. Perianth campanulate, 6-lobed apically; tube dull purple, speckled with dark purple-red adaxially and pale purple abaxially, 2–2.3 × 1.6–1.8 cm; lobes white adaxially, dull purple with pale purple speckles abaxially, ovate to semi-oblanceolate, 1–1.2 × ca. 1.2 cm. Stamens 6, inserted near base of perianth tube, subsessile; anthers reniform. Style white, articulated; stigma peltate, large. Fl. Oct–Nov. 2n = 36*.

Forests; ca. 1800 m. NW Guangxi (Tian’e Xian), S Guizhou (Luodian Xian), SE Yunnan (Pingbian Miao Zu Zizhixian) [Vietnam].


长瓣蜘蛛抱蛋  chang ban zhi zhu bao dan

Rhizome subterete, 5–7 mm thick. Leaves solitary; petiole 6–7 cm, rather slender; leaf blade ovate to elliptic, 13–17 × 5–6 cm. Scape 3–5 mm; bracts 5 or 6. Flower solitary. Perianth pale yellow adaxially, purple-red abaxially, 6-parted apically; tube ca. 1 × 1.8 cm; lobes suberect, ovate-lanceolate, (1.7–)2.5 cm × ca. 5 mm, rather thick. Stamens 6, inserted at base of perianth tube, subsessile; anthers oblong, ca. 2 mm. Pistil ca. 7 mm; style ca. 5 mm, thickened, 12-ribbed; stigma peltate, large, 1–1.2 cm in diam., slightly 12-lobed at margin. Fl. Mar–Apr.


流苏蜘蛛抱蛋  liu su zhi zhu bao dan

Rhizome 4–6 mm thick. Leaves solitary; petiole 25–35 cm, stiff; leaf blade oblong-lanceolate, 30–45 ×3.5–6 cm. Scape 3–10 mm; bracts 4 or 5. Flower solitary. Perianth campanulate, 8–10-lobed apically; tube 7–9 mm × 1–1.5 cm; lobes slightly recurved, purple speckled abaxially, ovate-deltoid, 6–8 × 3.5–5 mm, with 4 fleshy, fimbriate keels adaxially. Stamens 8–10, inserted proximally in perianth tube, subsessile; anthers broadly ovate, ca. 1.8 mm. Pistil ca. 4 mm; stigma purple, peltate, large, ca. 7 mm in diam., 4-lobed at margin, lobes emarginate at apex. Fl. Nov–Dec. 2n = 38*.

- Forests along ravines; 400–500 m. Fujian, Guangdong, Hainan.


峨边蜘蛛抱蛋  e bian zhi zhu bao dan

Rhizome creeping, subterete, covered with scales. Leaves solitary; leaf blade spotted with yellowish white, oblongate-oblanceolate-oblong, 35–65 × 3–5 cm. Scape 3–5 cm. Flower solitary. Perianth purplish or purplish red, campanulate, 8-lobed apically; tube 1–1.2 cm; lobes purple or purplish red, narrowly lanceolate, rarely deltoid-lanceolate, 8–11 × 2–3 cm, 2–4-keeled to middle of tube. Stamens 8, inserted at base of perianth tube; anthers yellow, oblong, ca. 2 × 1.5 mm. Pistil 3–5 mm; style short; stigma purple, peltate, 1–1.2 cm in diam., convex, 4-ridged at center adaxially, 4-lobed at margin, lobes emarginate at apex.

Berry obovoid, 2–6 × ca. 2 cm, scabrous. Fl. May.

• About 800 m. Sichuan.


西林蜘蛛抱蛋

Rhizome subterete, 5–7 mm thick. Leaves solitary; petiole 6–13 cm, stiff; leaf blade sometimes inconspicuously yellowish white spotted, narrowly oblancheolate, 35–50 × 2.5–4 cm. Scape 3–2 mm; bracts several. Flower solitary. Perianth purple-red, campanulate, fleshy, 8-lobed apically; tube 9–11 × 6–10 mm; lobes slightly recurved, oblong, 3–4 × 1.5–2 mm, 2-keeled near base and papillose adaxially, keels fleshy, papillose. Stamens 8, inserted proximally in perianth tube, subsessile; anthers ovate, ca. 1 mm. Pistil 3.5–4 mm; stigma purple, peltate, orbicular, large, 5–6 mm in diam., slightly exceeding anthers, 4-ribbed adaxially, 8-lobed at margin. Fl. Apr. 2n = 36*.

• Moist places in forests; 400–1300 m. S Guizhou (Dushan Xian), W Hubei (Badong Xian), Sichuan.


西林蜘蛛抱蛋

Rhizome subterete, 5–9 mm thick, covered with scales. Leaves solitary, spaced; petiole 20–37 cm; leaf blade with yellowish white spots, oblancheolate to subelliptic, 25–45 × 5–9 cm. Scape 0.5–5 cm; bracts 4 or 5. Flower solitary. Perianth campanulate, 6-lobed apically; tube pale yellow, 9–10 × 10 mm; lobes slightly recurved, pale purple, subdeltoid, 6–8 × 4–6 mm, adaxially 4-keeled, keels fleshy, papillose. Stamens 6, inserted proximally in perianth tube, subsessile; anthers broadly ovate, ca. 2 mm. Pistil ca. 8 mm; stigma peltate, orbicular, large, ca. 7 mm in diam., obviously exceeding anthers, 3(or 4)-lobed at margin. Fl. Sep.

• NW Guangxi (Xilin Xian).


蜘蛛抱蛋

Rhizome subterete, 5–9 mm thick, covered with scales. Leaves solitary, spaced; petiole 20–37 cm; leaf blade with yellowish white spots, oblancheolate to subelliptic, 25–45 × 6–10 cm. Scape 0.5–5 cm; bracts 4 or 5. Flower solitary. Perianth campanulate, 6-lobed apically; tube brown-purple adaxially, purple abaxially, 7–9 × 0.9–1.5 cm; lobes recurved, purple-red, deltoid-lanceolate, 3–6 × 2–3 mm, adaxially 4-keeled, keels densely papillose. Stamens 6–8, inserted proximally in perianth tube, positioned nearly level with stigma, subsessile. Pistil equaling perianth tube; ovary purple speckled; stigma peltate, orbicular, large, strongly convex adaxially, inconspicuously 4-lobed at margin, lobes entire at apex. 2n = 36*.

• Rock crevices in limestone mountains; ca. 300 m. Guangdong, NC Guangxi (Liuzhou Shi), SC Guizhou (Guiding Xian).


四川蜘蛛抱蛋

Rhizome terete, 6–12 mm thick. Leaves solitary; petiole 10–35(–40) cm; leaf blade sometimes with yellowish white spots, lanceolate to elliptic-lanceolate, 20–35 × 4–8 cm. Scape 0.5–5 cm. Flower solitary. Perianth subcampanulate, (6–)8-lobed apically; tube brown-purple adaxially, purple abaxially, 7–9 × 0.9–1.5 cm; lobes recurved, purple-red, deltoid-lanceolate, 3–6 × 2–3 mm, adaxially 4-keeled, keels densely papillose. Stamens 6–8, inserted proximally in perianth tube, subsessile. Stigma peltate, orbicular, large, 0.8–1.2 cm in diam., slightly convex centrally, 4-ridged, (3 or)4-lobed at margin, lobes emarginate at apex. Berry tuberculate. Fl. and fr. Jan–Mar. 2n = 38*.

• Forests, bamboo forests, thickets; 500–1100 m. Guangxi (Jinxin Yao Zu Zixihian, Napo Xian, Xing’an Xian), Guizhou (Anlong Xian, Zunyi Xian), W Hunan (Yongshun Xian, Zhijiang Xian), Sichuan, Yunnan (Kunning Shi).


粽粑叶

Rhizome terete, 3–5 mm thick. Leaves solitary; petiole 5–25 cm, stiff; leaf blade with yellowish white spots basally, elliptic to elliptic-lanceolate, 14–25 × 3–7 cm. Scape 2–3 cm; bracts 1 or 2. Flower solitary. Perianth purple-red, campanulate, 6-lobed apically; tube 5–7 × 8–11 mm; lobes recurved, deltoid-ovate, 4–5 × 2–4 mm, adaxially with 4 fleshy, papillose keels. Stamens 6, inserted proximally in perianth tube, subsessile; anthers ovate.

Aspidistra elatior was said to be of Chinese origin, but no wild plants have been found in China. Sako and Maruno (Bull. Kagoshima Univ. For. 11: 33–78. 1983) and Sako et al. (ibid. 16: 83–108. 1988) noted that the species originated from Kuroshima, Suwanose, and Uji Islands (Osumi Islands, S of Kyushu, Japan). The Uji Islands are largely covered with thickets of Andisxia sieboldii Makino, where Aspidistra elatior grows abundantly. Kuroshima Island is largely covered with forests of Castanopsis sieboldii (Makino) Hatusima ex T. Yamazaki & Mashiba, the understory of which is occupied by A. elatior.


九龙盘

Aspidistra kouytschensis H. Léveillé & Vaniot; A. kouytschensis var. aucubimaculata H. Léveillé; Macrogyne convaliorifolia Link & Otto.

Rhizome terete, 4–10 mm thick. Leaves solitary; petiole 10–15 cm, stiff; leaf blade narrowly lanceolate, 15–22.5 × 3–5 cm. Scape arching, ca. 3 cm; bracts ca. 5, dark reddish. Flower solitary, nodding. Perianth dark purple, cupular-campanulate, 6-lobed apically; tube basally pale-yellow-brown speckled with purple; lobes ovate-deltoid, shorter than tube, adaxially papillose. Stamens 6–8, inserted proximally in perianth tube, positioned nearly level with stigma, subsessile. Pistil equals perianth tube; ovary purple speckled; stigma peltate, orbicular, large, strongly convex adaxially, inconspicuously 4-lobed at margin, lobes entire at apex. 2n = 36*.

• Rock crevices in limestone mountains; ca. 300 m. Guangdong, NC Guangxi (Liuzhou Shi), SC Guizhou (Guiding Xian).

26. Aspidistra punctata Lindley var. albomaculata Hooker, Plectogyne variegata Link.

Rhizome terete, 5–10 mm thick. Leaves solitary, spaced; petiole 5–35 cm, stiff; leaf blade sometimes with yellowish white markings, oblong-lanceolate, lanceolate, or sub-elliptic, 20–45 × 6–10 cm. Scape 0.5–2 cm; bracts 2–4. Flower solitary. Perianth purplish to dark-purple, rarely pinkish, campanulate, (6–)8-lobed apically; tube 1–1.2 × 1–1.5 cm; lobes greenish at margin, deltoid, 6–8 × 3.5–4 mm, adaxially 4-keeled, keels purple-red, very thick, fleshy, smooth, central 2 up to 1.5 mm wide. Stamens (6–)8, inserted at base of perianth tube, sub sessile; anthers elliptic, ca. 2 mm. Pistil ca. 8 mm; stigma peltate, orbicular, large, 1–1.3 cm in diam., 4-lobed at margin, lobes emarginate at apex. Fl. Jan–Apr. 2n = 36*.

Widely cultivated in China [native to Japan (Osumi Islands)].
Pistil 4–5 mm; stigma yellowish white or purple, peltate, orbicular, large, ca. 9 mm in diam., 6-lobed at margin, lobes with a white hollow adaxially. Berry ellipsoid-ovoid, 1–1.3 cm in diam., turbinate. Fl. Jan–Feb, fr. Aug–Dec. 2n = 38*.
- Forests; ca. 1200 m. Sichuan.


- 十字蜘蛛抱蛋  
  shì zì zhī zhū bāo dàn

  Rhizome subterete, 6–12 mm thick. Leaves solitary; petiole 30–50 cm; leaf blade with yellowish white spots, elliptic to oblong-elliptic, 25–35 × 6–9 cm. Scape 0.6–1.5 cm; bracts 2 or 3. Flower solitary. Perianth dark purple, subcampanulate, 8-lobed apically; tube 1.1–1.4 × 1.4–1.6 cm, adaxially papilllose; lobes slightly recurved, oblong to deltoid, 5–6.5 × 4–5 mm, adaxially papilllose. Stamens 8, inserted proximally in perianth tube; filaments ca. 1.5 mm; anthers ovate, ca. 2 mm. Pistil ca. 5 mm; stigma peltate, cross-shaped, large, 1.2–1.4 cm in diam., 4-lobed at margin. Berry subglobose, ca. 7 mm in diam., scabrous. Fl. Sep.

- NW Guangxi (Longlin Ge Zu Zizhixian, Tian’e Xian).


- 乐业蜘蛛抱蛋  
  lè ye zhī zhū bāo dàn

  Rhizome subterete, 6–10 mm thick. Leaves solitary or occasionally paired; petiole 10–21 cm, stiff; leaf blade usually with yellowish green spots, narrowly lanceolate, 30–55 × 4–6 cm. Scape 1.5–6 cm; bracts 4–6. Flower solitary. Perianth purple except for white base, campanulate, 8-lobed apically; tube 1–1.2 × 1.3–1.5 cm, adaxially papilllose; lobes spreading or reflexed, deltoid-ovate to oblong, 7–9 × 4–6 mm, 3- or 4-keeled and papilllose adaxially, keels fleshy, papilllose. Stamens 8, inserted proximally in perianth tube; filaments ca. 2 mm; anthers ovate, 1.5–2 mm. Pistil 5–6 mm; stigma peltate, orbicular, large, 0.9–1.1 cm in diam., with 4 hollows at center adaxially. Fl. Mar.

- NW Guangxi (Leye Xian, Tian’e Xian).


- 长圆叶蜘蛛抱蛋  
  cháng yuán yè zhī zhū bāo dàn

  Rhizome creeping, subterete, covered with scales. Leaves solitary; leaf blade oblong or ovate-oblong, 10.5–14 × 4–5 cm. Scape 5–10 mm. Flower solitary. Perianth purple, campanulate, 6-lobed apically; tube 7–8 mm; lobes oblong, 3–4 × ca. 2.5 mm. Stamens 6, inserted proximally in perianth tube; anthers broadly elliptic, 1.2–1.5 × 0.8–1.2 mm. Pistil 6–7 mm; style long, slender; stigma enlarged, ca. 1.7 mm in diam., convex adaxially, 3-ridged. Berry globose, 8–10 mm in diam., scabrous. Fl. Nov.

- N Guangxi (Hechi Xian).


- 降安蜘蛛抱蛋  
  jiàng ān zhī zhū bāo dàn

  Rhizome terete, 3–6 mm thick. Leaves solitary; petiole 9–17.5 cm; leaf blade oblong-elliptic to elliptic-lanceolate, 14–21 × 6–8.5 cm. Scape 1.5–5 cm; bracts ca. 4. Flower solitary. Perianth blue-purple, subcampanulate, 8-lobed apically; tube 0.8–1 × 1.3–1.6 cm; lobes triangular-lanceolate, 9–10 × 6–7 mm, adaxially with 2 papilllose keels distally, basally expanded inward forming subulate appendages connate into a ring. Stamens 8, inserted at base of perianth tube, sub sessile; anthers ovate, ca. 4 mm. Pistil 8–10 mm; stigma peltate, orbicular, large, 1–1.2 cm in diam., convex at center, 4-parted and 12-lobed at margin. Fl. Jun. 2n = 38*.

- Shady and moist places on limestone hillsides. WC Guangxi (Long’an Xian).


- 坡江蜘蛛抱蛋  
  pō jiāng zhī zhū bāo dàn

  Rhizome subterete, 0.8–1.5 cm thick. Leaves solitary; petiole 22–40 cm; leaf blade narrowly elliptic, 28–60 × 6–13 cm. Scape 2.5–4 cm; bracts ca. 7. Flower solitary. Perianth pale purple, deeply 8-lobed; tube ca. 1.4 × 1.8 cm, glabrous; lobes yellowish adaxially, linear-lanceolate, ca. 2.4 cm × 5–8 mm, basally expanded inward forming toothlike or spurlike appendages. Stamens 8, inserted at middle of perianth tube, sub sessile; anthers ovate, ca. 3.5 mm. Pistil ca. 7 mm; stigma purple, orbicular, large, to 1.5 cm in diam., concave adaxially, 16-lobed at margin. Berry purple, subglobose, 1.4–1.7 cm in diam., softly prickly. Fl. Apr, fr. Jun. 2n = 38*.

- C Guangxi (Luijiang Xian).


- 罗甸蜘蛛抱蛋  
  luó diàn zhī zhū bāo dàn

  Rhizome terete, 2–2.5 cm thick, without scales. Leaves solitary; petiole 30–60 cm; leaf blade lanceolate, 80–110 × 10–13 cm. Scape 1–1.5 cm; bracts 1 or 2, purple. Flower solitary. Perianth red-pink, campanulate, deeply 6-lobed apically; tube 1–1.5 × 2–2.5 cm, glabrous; lobes recurved, linear-lanceolate, ca. 4.5 × 0.5 cm, basally expanded inward forming toothlike or spurlike appendages. Stamens 6, inserted at middle of perianth tube, sub sessile; anthers sub oblong, ca. 2.5 mm. Pistil 5–9 mm; ovary 3–5-ribbed; stigma purple, orbicular, large, 1–1.5 cm in diam. concave adaxially, slightly 8-lobed at margin. Berry red, globose, ca. 2.5 cm in diam., glabrous. Fl. Apr, fr. Jun. 2n = 38*.

- Streamsides in evergreen forests in limestone areas; ca. 500 m. NW Guangxi (Tian’e Xian), S Guizhou (Luodian Xian).


- 巨型蜘蛛抱蛋  
  jù xíng zhī zhū bāo dàn

  Rhizome subterete, ca. 1.5 cm thick. Leaves solitary; petiole purple-brown, 45–75 cm, rigid; leaf blade obovate-oblong, 50–70 × 10–15 cm. Scape 5–11 cm; bracts ca. 4. Flower solitary, erect. Perianth purple, deeply 12–(14)-lobed apically; tube 3.5–3.7 × 3.5–4 cm, villous; lobes slightly recurved, linear-lanceolate, 7–7.5 × 1–1.2 cm, basally expanded inward forming ob-

**Fenghuang Spider Plant**: This species is characterized by its rhizome creeping, suberete, covered with scales. Leaves solitary; leaf blade with yellowish white markings, oblong-oblongelliptic, 30–50 × 4.5–6.5 cm, margin sparsely denticulate. Scape 0.5–2.5 cm. Flower solitary. Perianth pale yellow, urceolate, 6–8-lobed apically; tube 4 × 8 mm; lobes recurved, ovate, ca. 3 × 2 mm, with 2 keels adaxially, keels fleshy, papillose at base. Stamens 6–8, inserted at middle of perianth tube; anthers long elliptic, ca. 3 × 1.8 mm. Pistil ca. 3 mm; stigma peltate, orbicular, enlarged, ca. 6 mm in diam., convex adaxially, 3- or 4-lobed at margin, lobes emarginate at apex. Fl. Sep.

- About 700 m. W. Huan (Fenghuang Xian).


**Margin Spider Plant**: This species is described from a cultivated plant originating from Guangxi, without precise locality.


**Cyathiflora Spider Plant**: This species has rhizome subterete, 3–5 mm thick. Leaves solitary; petiole 11–17(–25) cm; leaf blade usually ovate, 12–23 × 5.5–9 cm. Scape 2.5–6 cm. Flower solitary, slightly nodding. Perianth pale green, speckled with purple on both surfaces, urceolate, 6- or 8-lobed apically; tube 1–1.3 cm; lobes usually incurved, narrowly oblong, ca. 9 × 2 mm, basally expanded inward forming a crenate appendage, margin erose. Stamens 6–8, inserted proximally in perianth tube, subsessile. Pistil ca. 7 mm; stigma large, ca. 1.2 cm in diam., 16-dentate at margin. Berry dark purple, depressed globose, 1.2–1.4 cm in diam., slightly tuberculate and prickly. Fl. May. 2n = 38*.

- Forests in limestone areas; 500–600 m. SW Guangxi (Longzhou Xian).


**Dolichanthera Spider Plant**: This species has rhizome subterete, 6–11 mm thick. Leaves 2- or 3-tufted; petiole 20–30 cm, rigid; leaf blade green with sparse, yellowish white spots, oblong-oblongelliptic, 25–45 × 1.8–3.5 cm. Scape 0.8–2 cm; bracts 3–5. Flower solitary. Perianth pale yellow-green, spotted with purple abaxially, suborbicular, 6-lobed apically; tube purple adaxially except for white base, 7 × 13 mm; lobes erect, pale yellow adaxially, deltoid, 5–7 × 5–6 mm, smooth. Stamens usually 6, inserted at base of perianth tube; filaments ca. 1 mm; anthers broadly ovate, 2–3 mm. Pistil ca. 5 mm; stigma purple or with yellow center, peltate, orbicular, 5–8 mm in diam., with 3 white grooves, 3(or 4)-lobed at margin. Fl. Dec.

- Guangxi.

- Described from a cultivated plant originating from Guangxi, without precise locality.

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long, papillose appendages ca.13 × 6 mm. Stamens 12(–14), inserted at base of perianth tube, subsessile; anthers oblong, ca. 6 mm. Pistil ca. 9 mm; style articulate; stigma peltate, orbicular, large, to 2.2 cm in diam., 12(–14)-lobed at margin. Fl. May–Jun. 2n = 38*.

- Guangxi.

Described from a cultivated plant originating from Guangxi, without precise locality.


**Shi shan zhi zhu bao dan**: This species is characterized by its rhizome suberete, 5–7 mm thick. Leaves solitary; petiole 5–14 cm, rigid; leaf blade slightly spotted with yellowish white, elliptic to elliptic-lanceolate, 12–23 × 4.5–7(–9.5) cm. Scapes usually 2–5-tufted, 0.5–2.5 cm; bracts 4–6. Flower solitary. Perianth purple, campanulate, 6-lobed apically; tube ca. 4 × 8 mm; lobes recurved, ovate, ca. 3 × 2 mm, with 2 keels adaxially, keels fleshy, papillose at base. Stamens 6–8, inserted at middle of perianth tube; anthers long elliptic, ca. 3 × 1.8 mm. Pistil ca. 3 mm; stigma peltate, orbicular, enlarged, ca. 6 mm in diam., convex adaxially, 3- or 4-lobed at margin, lobes emarginate at apex. Fl. Sep.

- About 700 m. W. Huan (Fenghuang Xian).


**Tian e zhi zhu bao dan**: This species is characterized by its rhizome suberete, 6–8 mm thick. Leaves solitary; petiole 20–30 cm, rigid; leaf blade green with sparse, yellowish white spots, linear-lanceolate, 60–70 × 3.5–4.5 cm. Scape 1–2 cm; bracts ca. 4. Flower solitary. Perianth urceolate, 8-lobed apically; tube ca. 4 × 8 mm; lobes recurved, white or yellowish white adaxially, apically; tube purple-brown adaxially, purple abaxially, 0.8–1.2 cm; lobes reflexed, deltoid-oblong, ca. 3 × 1.5 mm, adaxially with 2 or 3 papillose keels. Stamens 6, inserted proximally in perianth tube, subsessile; anthers oblong, ca. 1.5 mm. Pistil ca. 7 mm; ovary enlarged, ridged; style articulate; stigma peltate, orbicular, ca. 4 mm in diam., convex at center, 8-lobed at margin. Fl. Nov.

- N. Guangxi (Jinxiu Yao Zu Zizhixian, Tian’e Xian).


**Le shan zhi zhu bao dan**: This species is characterized by its rhizome suberete, 5–7 mm thick. Leaves solitary; petiole 22–24 cm; leaf blade green with yellowish white spots, linear-lanceolate, 60–70 × 3.5–4.5 cm. Scape 1–2 cm; bracts ca. 4. Flower solitary. Perianth suburate, 8-lobed apicately; tube ca. 8 × 7 mm, with fleshy keels on both surfaces; lobes reflexed, deltoid-oblong, ca. 3 × 1.5 mm, adaxially with 2 or 3 papillose keels. Stamens 8, inserted proximally in perianth tube, subsessile; anthers oblong, ca. 1.5 mm. Pistil ca. 7 mm; ovary enlarged, ridged; style articulate; stigma peltate, orbicular, ca. 4 mm in diam., convex at center, 8-lobed at margin. Fl. Nov.

Rhizome terete, 2–3 cm thick. Leaves 3–5-tufted; petiole 2–3 cm; leaf blade lorate, 30–50 × 1–1.5 cm. Scape 1–1.5 cm; bracts 2 or 3. Flowers solitary, Perianth pale green, campanulate, 6-lobe apically; tube 10–12 × 7–10 mm; lobes oblong-ovate, 6–8 × 3–5 mm, adaxially with 4 fleshy, papillose keels. Stamens 6, inserted at base of perianth tube, subsessile; anthers broadly elliptic, ca. 3 mm. Pistil ca. 6 mm; stigma purple, peltate, orbicular, large, ca. 4 mm. Fruit 2–3 cm; berry globose, ca. 1 cm in diam., exceeding anthers, with white, convex markings. Fl. Mar. 2n = 36*

• NC and W Guangxi (Luocheng Xian, Napo Xian).


海南蜘蛛抱蛋 hai nan zhi zhu bao dan

Rhizome ca. 8 mm thick, stout. Leaves 2–4-tufted; petiole 3–10 cm; leaf blade lorate to linear-lanceolate, 30–50 × 1–1.5 cm. Scape 1–1.5 cm; bracts 4 or 5. Flowers solitary. Perianth pale green, campanulate, 6-lobe apically; tube 10–12 × 7–10 mm; lobes recurved, oblongoblong-ovate, 6–8 × 10 cm. Stamens 6–7, inserted proximally in perianth tube, subsessile; anthers transversely elliptic, ca. 1.5 × 2 mm. Pistil ca. 8 mm; stigma peltate, orbicular, large, 1–1.3 cm in diam., 3-lobe at margin. Fl. Mar–Apr. 2n = 36*

• Moist places along ravines, forests; ca. 600 m. S Guangdong (Xinyi Xian, Zhuhai Shi), EC Guangxi (Jinxiu Yao Zu Zizhixian), S Hainan (Sanya).
erect, ovate-lanceolate, ca. 10 × 4 mm. Stamens 6, inserted near base of perianth tube, subsessile. Stigma peltate, large, 1–1.2 cm in diam., slightly 3-lobed at margin. Berry purple, ovoid, ca. 6 mm in diam., scabrous. Fl. Mar–Apr, fr. Jun–Jul. 2n = 38*.

- Forests, bamboo forests; 500–1600 m. Sichuan.


坛花蜘蛛抱蛋 tan hua zhi zhu bao dan

Rhizome subterete, ca. 6 mm thick. Leaves 2- or 3-tufted; petiole 8–16 cm, rigid; leaf blade oblong to oblange-lanceolate, 20–25 × 3–4 cm. Scape solitary, ca. 3 cm, slender; bracts ca. 3. Flower solitary. Perianth with many purple speckles, urceolate, 6-lobed apically; tube ca. 5 × 5 mm; lobes slightly incurved, deltoid, ca. 1 × 1 mm. Stamens 6, inserted at base of perianth tube, subsessile; anthers narrowly elliptic, ca. 1 mm. Pistil ca. 2 mm; ovary basally enlarged; stigma ca. 1.5 mm in diam., highly convex at center, 3-lobed at margin, lobes emarginate at apex.

- Guizhou.

Known only from the type specimen (Anonymous 7128, IBSC), which was collected in Guizhou without precise locality.


小花蜘蛛抱蛋 xiao hua zhi zhu bao dan

Rhizome subterete, 5–6 mm thick. Leaves 2- or 3-tufted; leaf blade lorate to lorate-oblanceolate, 26–65 × 1–2.5 cm, basally gradually narrowed into inconspicuous petiole. Scape solitary, 1–2.5 cm, slender; bracts 2–4. Flower solitary, small. Perianth blue-green, tinged and speckled with purple, urceolate, 4.5–5 × 4–6 mm; lobes erect, deltoid, 1–2 × 1–1.5 mm. Stamens (4–)6, inserted at base of perianth tube, subsessile; anthers nearly broadly ovate, 1.2–1.5 mm. Pistil 2.5–3 mm; stigma orbicular, 1.5–2.5 mm in diam., (4–)6-crenate at margin. Fl. Jul–Oct. 2n = 38*.

- Moist places on hillsides, cliffs; ca. 400 m. N Guangdong (Renhua Xian), Guangxi, Y Guizhou, Hainan (Baoting Xian), Hong Kong, SW Hunan (Xinning Xian).


河口蜘蛛抱蛋 he kou zhi zhu bao dan

Rhizome 6–13 mm thick. Leaves 2–4-tufted; petiole 10–18 cm; leaf blade dark green with pale green or yellowish spots, elliptic, 12–22 × 8–12.5 cm, leathery, base attenuate to obtuse and decurrent at petiole, apex cuspidate. Scape solitary, 3–4 cm; bracts ca. 3. Flower solitary. Perianth blackish purple, urceolate, 1.5–1.8 × 1.8–2.3 cm, with many deep, longitudinal grooves, adaxially smooth, abaxially slightly verrucose, 6-lobed apically; tube strongly constricted at mouth and opening 4–5 mm wide; lobes reflexed, yellow adaxially, oblong, 5–6 × ca. 3 mm. Stamens 6, inserted at base of perianth tube, positioned lower than stigma, subsessile; anthers oblong, ca. 2.5 mm. Stigma peltate, orbicular, large, 1.5–1.8 cm in diam., radiate rugose adaxially. Berry yellowish green, subglobose, ca. 1.5 cm in diam., with 12 longitudinal wings. Fl. Mar–Jul.

- Dense forests; 200–300 m. SE Yunnan (Hekou Yao Zu Zizhi-