
**独花兰属  du hua lan shu**

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Herbs, terrestrial, small, with subterranean pseudobulbs. Pseudobulbs cornlike, often persisting and forming a chain, few noded, with a solitary leaf and a solitary inflorescence at apex. Leaf blade elliptic to broadly ovate, plicate, base abruptly contracted into a long petiole-like stalk, apex acute. Inflorescence erect, terminal, with 2 or 3 tubular sheaths, 1-flowered. Flower terminal, rather large, resupinate. Sepals and petals free, spreading, similar. Petals slightly wider and shorter than sepals; lip relatively large, 3-lobed, spurred at base; spur ± hornlike, thick and large, attenuate toward apex; disk with lamellae. Column erect, incurved, winged; anther incumbent; pollinia 4, in 2 pairs, waxy, directly attached to a subsquare viscidium.

- One species: China.


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Pseudobulb nearly pale yellowish white, subellipsoid to broadly ovoid, 1.5–2.5 × 1–2 cm, fleshy, 2- or 3-noded, ± covered with membranous sheaths, with a solitary leaf at apex. Leaf blade spreading, recurved, abaxially purplish red, adaxially dark green, broadly ovate-elliptic to broadly elliptic, 6.5–11.5 × 5–8.2 cm, base rounded or subtruncate, apex acute or shortly acuminate; petiole-like base suberect, purple, channeled, 3.5–8 cm. Inflorescence purple, 10–17 cm, with 2 or 3 membranous, amplexicaul sheaths; sheaths 3–4 cm; floral bract deciduous, small. Flower spreading, large, white or pink, lip white with purplish red spots in basal 2/3; pedicel and ovary 7–9 mm. Sepals oblong-lanceolate, 27–33 × 7–9 mm, 5–7-veined, apex obtuse; lateral sepals slightly oblique. Petals narrowly obovate-lanceolate, slightly oblique, 25–30 × 12–14 mm, 7-veined, apex obtuse; lip oblate-orbicular in outline, slightly shorter than petals, 3-lobed, spurred at base; lateral lobes erect, ovate-triangular, oblique, 11–14 × 10–13 mm, apex acute; mid-lobe spreading horizontally, broadly obovate, ca. 8 × 12 mm, margin irregularly undulate-incised, apex truncate and emarginate; disk with 5 short lamellae between lateral lobes; spur slightly incurved, narrowly obconic, 20–23 × 7–10 mm, attenuate toward apex, apex obtuse. Column 18–21 mm, winged. Fl. Apr. 2n = 46*

- Humus-rich soil in open forests, shaded places along valleys; 400–1100(–1800) m. Anhui, Hubei, Hunan, S Jiangsu, Jiangxi, Shaanxi, Sichuan, Zhejiang.