

## CORSIACEAE

白玉簪科 bai yu zan ke

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Herbs, perennial, achlorophyllous, holomycotrophic, rhizomatous or tuberous. Stem unbranched. Leaves alternate, amplexicaul, small. Flowers solitary, terminal, bisexual or unisexual, epigynous. Perianth of 6 tepals in 2 whorls, zygomorphic; posterior tepal large, broad, sometimes with basal callus; other tepals linear-filiform. Stamens 6; filaments short; anthers dorsifixed, dehiscence extrorse; pollen (not known from *Corsiopsis*) 1-aperturate. Gynoecium syncarpous, 3-carpellate; ovary unilocular with 3 parietal placentae; ovules numerous, anatropous, bitegmic, tenuinucellate; style absent or short; stigmas 3. Fruit (not known from *Corsiopsis*) capsular, with 3 valves. Seeds (not known from *Corsiopsis*) numerous, very small, winged; embryo rudimentary at time of release.

Three genera and 29 species: E Asia, Australia, Pacific islands (New Guinea, Solomon Islands), South America; one genus (endemic) with one species in China.

### 1. *CORSIOPSIS* D. X. Zhang, R. M. K. Saunders & C. M. Hu, Syst. Bot. 24: 313. 1999.

白玉簪属 bai yu zan shu

Flowers unisexual. Outer whorl posterior tepal erect, with a distinct labellum, without a basal callus; lateral tepals 2, pendulous; inner whorl tepals 3. Male flowers: stamens 6, in 2 whorls. Female flowers: stigmas sessile, connate.

- One species: China.

1. *Corsiopsis chinensis* D. X. Zhang, R. M. K. Saunders & C. M. Hu, Syst. Bot. 24: 313. 1999.

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Plants white. Rhizome ellipsoid-obovoid, 12–15 × ca. 5 mm. Stem solitary, 5–6 cm. Leaves ovate-triangular, 4–7 mm, membranous, many veined, apex acute. Bracts subtending flowers ovate-triangular, 4–7 mm. Perianth white; posterior tepal elliptic, bladderlike, 1.2–1.4 × ca. 1 cm; inner whorl tepals

linear, 4.5–6 cm. Staminal connective with an obtuse apical extension. Ovary elongated, ca. 5 mm. Fruit and seeds not seen. Fl. Jun.

- Dense forests, on humus-rich soil; 100–700 m. Guangdong (Fengkai).

The elevational range of the general region where *Corsiopsis chinensis* occurs is between 100 and 700 m, but the exact elevational range where the species occurs is unknown.

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