

79. DIENIA Lindley, Bot. Reg. 10: ad t. 825. 1824.

无耳沼兰属 *wu er zhao lan shu*

Chen Xinqi (陈心启 *Chen Sing-chi*); Jeffrey J. Wood

Anaphora Gagnepain; *Gastroglottis* Blume; *Pedilea* Lindley.

Herbs, terrestrial or rarely epiphytic. Roots hairy. Stem cylindrical, fleshy, often creeping and rooting in basal part, thickened into ovoid or conic pseudobulbs which are sometimes enclosed by scariosus sheaths. Leaves 2 to several, thinly textured, plicate, petiole sheathing at base. Inflorescence apical, erect, racemose, unbranched; floral bracts persistent, lanceolate or setose. Flowers not resupinate or resupinate, green, brown, yellow, pink, or purple. Dorsal sepal spreading, free; lateral sepals free or fused, spreading. Petals often narrower than sepals, free, spreading; lip parallel to column, sometimes concave at base, entire or lobed, lacking auricles at base, apical margin entire or toothed, lacking a spur, callus absent, cushionlike or obscurely transversely ridged. Column lacking a foot; anther cap dorsal, attached by a broad filament, locules opening ventrally; pollinia 4, in pairs, clavate, waxy; stigma semi-circular or transversely elliptic; rostellum obtuse at apex.

About 19 species: throughout the Asian tropics and subtropics and in Australia; two species in China.

- 1a. Plants with 1 leaf; lip apex simple, acute 1. *D. cylindrostachya*
- 1b. Plants with 4 or 5 leaves; lip apex 3-lobed 2. *D. ophrydis*

1. *Dienia cylindrostachya* Lindley, Gen. Sp. Orchid. Pl. 22. 1830.

筒穗无耳沼兰 *tong sui wu er zhao lan*

Malaxis cylindrostachya (Lindley) Kuntze; *Microstylis cylindrostachya* (Lindley) H. G. Reichenbach.

Plants terrestrial, 20–35 cm tall. Pseudobulbs conic, ca. 1 × 1 cm. Stem arising from base of pseudobulb, sheathed, 3–10 cm; sheaths 2 or 3, clasping, 2–3 cm. Leaf 1, long petiolate; petiole tubular, sheathing stem, 2–5 cm; blade elliptic or orbicular to subspatulate, 4–9 × 3–4.5 cm, finely reticulately veined, apex obtuse. Inflorescence racemose, cylindrical, densely many flowered; peduncle ridged, 5–10 cm; rachis ridged, (2.5–)5–14 cm; floral bracts lanceolate, 2–2.5 mm, apex acute. Flowers ca. 2 mm, uniformly yellowish green; pedicel and ovary linear, not twisted, 1.5–2 mm. Sepals subsimilar, ovate, 2–3 × 0.4–0.5 mm, apex acuminate. Petals linear-lanceolate, 1–1.9 × 0.4–0.5 mm, apex acute; lip fleshy, broadly ovate, 1.5–2 × 1–2 mm, margin thickened, with a raised central ridge, base weakly saccate, margin denticulate, apex apiculate to mucronate. Column stout, ca. 0.25 mm tall.

Terrestrial. Xizang [Bhutan, India, Nepal].

2. *Dienia ophrydis* (J. Koenig) Ormerod & Seidenfaden, Contr. Orchid Fl. Thailand 13: 18. 1997.

无耳沼兰 *wu er zhao lan*

Epidendrum ophrydis J. Koenig in Retzius, Observ. Bot. 6: 46. 1791; *Anaphora liparioides* Gagnepain; *Crepidium ophrydis* (J. Koenig) M. A. Clements & D. L. Jones; *Dienia congesta* Lindley; *D. latifolia* (Smith) M. A. Clements & D. L. Jones; *D. montana* (Blume) M. A. Clements & D. L. Jones; *Gastroglottis*

latifolia (Smith) Szlachetko; *G. montana* Blume; *Glossochilopsis carnosula* (Rolfe ex Downie) Szlachetko & Margońska; *Liparis krempfii* Gagnepain; *L. turfosa* Gagnepain; *Malaxis carnosula* (Rolfe ex Downie) Seidenfaden & Smitinand; *M. congesta* (Lindley) Deb; *M. kizanensis* (Masamune) S. Y. Hu; *M. latifolia* Smith; *M. latifolia* var. *nana* S. S. Ying; *M. ophrydis* (J. Koenig) Ormerod; *M. parvissima* S. Y. Hu & Barretto; *M. shuicae* S. S. Ying; *Microstylis carnosula* Rolfe ex Downie; *M. congesta* (Lindley) H. G. Reichenbach; *M. kizanensis* Masamune; *M. latifolia* (Smith) J. J. Smith.

Plants terrestrial, sometimes epiphytic. Pseudobulbs cylindrical, 1–2 cm, fleshy, with several nodes, ± enclosed in membranous sheaths. Leaves 4 or 5, obliquely ovate-elliptic, ovate, or narrowly elliptic-lanceolate, 7–16(–25) × (2.5–)4–9 cm, base contracted into a sheathlike, amplexicaul petiole 3–5 cm, apex acuminate. Inflorescence erect; peduncle erect, 15–60 cm, very narrowly winged; rachis 5–15(–25) cm, many flowered; floral bracts ± reflexed, narrowly lanceolate, 2.5–5(–12) mm. Flowers purplish red to greenish yellow, relatively small; pedicel and ovary 2–3 mm. Dorsal sepal narrowly oblong, 3–3.5 × 1.1–1.2 mm, apex obtuse; lateral sepals obliquely ovate, 2–2.5 × 1.2–1.4 mm. Petals linear, 2.5–3.2 × ca. 0.7 mm, apex obtuse; lip ± broadly ovate, ca. 2 × 2.5 mm, concave, subcordate to truncate at base, apex 3-lobed; mid-lobe narrowly ovate, 0.7–1.1 mm, much longer than lateral lobes, apex obtuse. Column ca. 1.2 mm, stout. Capsule erect, obovoid-ellipsoid, 6–7 × 3–4 mm; fruiting pedicel 2–3 mm. Fl. May–Aug, fr. Aug–Dec. *2n* = 26, 42.

Forests, thickets or shaded rocks by streamsides; below 2000 m. S Fujian, Guangdong, Guangxi, Hainan, Taiwan, S and SW Yunnan [Bhutan, Cambodia, India, Indonesia, Japan (Ryukyu Islands), Laos, Malaysia, Myanmar, Nepal, New Guinea, Philippines, Sri Lanka, Thailand, Vietnam; Australia].

