

190. GROSOURDYA H. G. Reichenbach, Bot. Zeitung (Berlin) 22: 297. 1864.

火炬兰属 huojulan shu

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

Herbs, epiphytic, small, monopodial. Stems very short, enclosed in basal leaf sheaths. Leaves few to several, basal, distichous, flat, narrowly oblong to lanceolate, jointed and shortly sheathing at base, apex often unequally bilobed. Inflorescences lateral, usually shorter than leaves, often many borne simultaneously on a plant; peduncle longer than rachis, slender, both usually prickly-hairy, with 1 or 2 flowers open at a time; rachis usually thickened, rather short; floral bracts persistent. Flowers ephemeral, opening widely, to 1.5 cm in diam. Sepals and petals free, similar, spreading. Petals narrower than sepals; lip movably attached to end of column foot, spurred, \pm 3-lobed; lateral lobes erect, narrow; mid-lobe often replicate on spur, sometimes with 2 basal lobules on both sides, with a small median tooth, giving a "4-lobed" appearance; spur broad, usually spreading forward, rarely pendulous. Column elongate, slender, bent forward at an obtuse angle at stigma base, with a rather long foot; rostellum elongate; pollinia 2, waxy, subglobose, entire, each with a caudicle attached by a common cuneate or triangular-cuneate stipe to a small triangular viscidium.

About ten species: India (Andaman Islands), Myanmar, Thailand, and Indochina to Malaysia, Indonesia, and the Philippines; one species in China.

1. *Grosourdyia appendiculata* (Blume) H. G. Reichenbach, Xenia Orchid. 2: 123. 1868.

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Dendrocolla appendiculata Blume, Bijdr. 289. 1825; *Sarcophilus hirtulus* J. D. Hooker.

Stem inconspicuous. Leaves usually 3–6, basal; leaf blade falcate-oblong, $7\text{--}10 \times 1.4\text{--}1.9$ cm, somewhat fleshy, base attenuate, apex acute and unequally bilobed. Peduncle and rachis densely minutely black hispid; peduncles 2–5, 3–4 cm; rachis laxly 2- or 3-flowered; floral bracts ovate-triangular, very small, fleshy, abaxially hairy. Flowers small, yellow with brown

spots; pedicel and ovary ca. 4 mm. Sepals ovate-oblong, ca. 3×2 mm, acute; lateral sepals: basal 2/3 of width adnate to column foot. Petals oblong, ca. 3×1 mm, obtuse; lip spurred, 3-lobed; lateral lobes erect, narrowly oblong, ca. 3 mm, rounded and curved backward; mid-lobe with a very small apical lobule and 2 erect basal lobules; basal lobules parallel to lateral lobes, but shorter and broader; spur ca. 3 mm, almost continuing line of column foot. Column ca. 2 mm, winged, foot ca. 0.5 mm. Fl. Aug.

Epiphytic on tree trunks in evergreen broad-leaved forests. C and W Hainan [India (Andaman Islands), Indonesia, Malaysia, Myanmar, Philippines, Thailand, Vietnam].

