

Plant medium in size, caespitose; roots slender. *Ramicauls* erect, slender, 4–25 cm long, enclosed by 4–13 close, glabrous, lepanthiform sheaths minimally dilated at the ostia. *Leaf* erect, coriaceous, narrowly elliptical-ovate, acute, 4–8 cm long, 0.8–1.2 cm wide, suffused with purple beneath, the base cuneate into a petiole ca. 5 mm long. *Inflorescence* 1–2 loose, successively 4- to 8-flowered racemes, up to 4.5 cm long, borne before the leaf by a peduncle 10–15 mm long; floral bracts 2–2.5 mm long; pedicels 2–2.5 mm long; ovary 1.5 mm long; flowers “yellow and red,” sepals entire, smooth, carinate, the dorsal sepal ovate, acute, 6 mm long, 2.5 mm wide, 3-veined, connate to the lateral sepals for 1 mm, the lateral sepals ovate, oblique, acute, 6 mm long, 2 mm wide, 1-veined; *petals* transversely bilobed, oblong, apices obtuse, 0.8 mm long, 5 mm wide, the dorsal lobe minutely pubescent, slightly larger than the lower lobe; *lip* bilaminar, the blades minutely ciliate-pubescent, elliptical with obtuse ends, 2 mm long, the connectives cuneate, from above the middle of the blade, the body connate to the column above the base, the sinus obtuse with a short, membranous, ciliate appendix; *column* slender, 2 mm long, the anther apical, the stigma ventral.

Etymology: Named for J.M. Macdougall, collector of this species.

This species from a high altitude of the Western Cordillera of Colombia is related to the comparatively frequent *Lepanthes monoptera* Lindl. Narrowly elliptical leaves and one or two loosely flowered racemes about half as long as borne by considerably longer ramicauls with smooth, barely dilated sheaths. The sepals are acute and glabrous; the transversely lobed petals are oblong; the blades of the lip are elliptical, and the appendix is minute and membranous.

Lepanthes macdougallii Luer & Thoele, *sp. nov.* TYPE: COLOMBIA. Antioquia: Munic. Urrao, Páramo de Frontino, between Llano Grande and Churumbulúm, alt. 3320–3500 m, 1 March 1989, J.M. Macdougall, F.J. Roldán & J. Betancur 4389 (Holotype: MO), C. Luer illustr. 21521. Fig. 30.

Inter species Lepanthis monopterae Lindl. et affinitatibus, sed vaginibus glabris, sepalis glabris, petalis transverse oblongis, labelli laminae ellipticis appendice minuta membranacea ciliata distinguitur.

