

ETYMOLOGY: Named in honor of Mrs. Tineke Mulder of Wageningen, Holland, who discovered and cultivated this species.

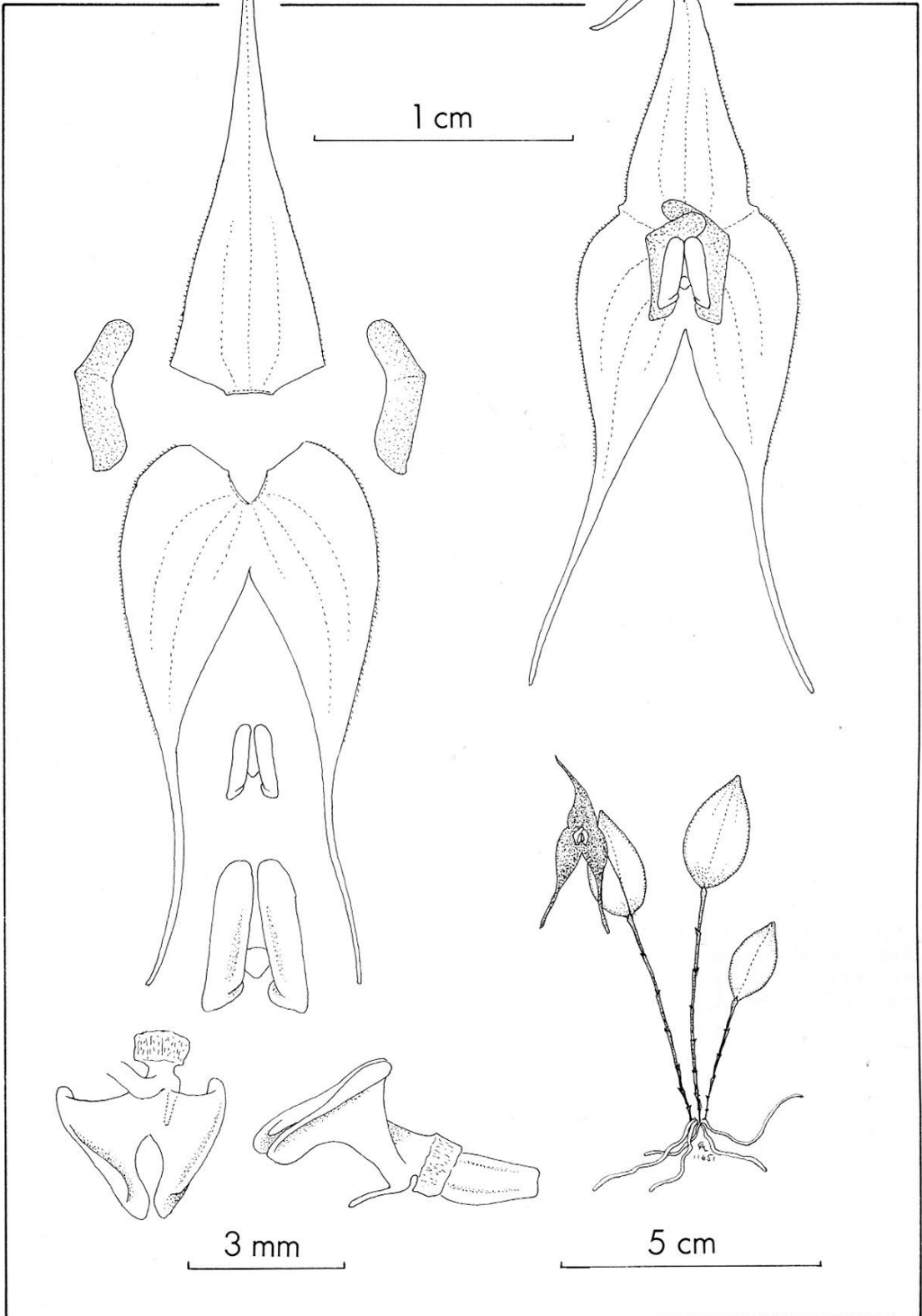
TYPE: *COSTA RICA*: Prov. of Cartago: epiphytic in forest on Cerro de la Muerte, flowered in cultivation 1985, *C. Luer 11651* (Holotype: MO).

This large-flowered, little species is another of the recent discoveries made during their travels by Dr. and Mrs. Derk Mulder of Wageningen, Holland. It flowers well in their greenhouse. The red-purple flowers are large and showy, the long-tailed sepals each about two centimeters long. The oblong blades of the petals cross behind the lip. The oblong blades of the lip have a thin lamina above the inner margin. The appendix is long and slender.

Lepanthes mulderae Luer, sp. nov.

Planta parvula caespitosa, inflorescentia racemosa congesta grandiflora pauciflora, pedunculo filamentoso folio ovato plus minusve aequilongo, sepalis minutissime ciliatis longissime caudatis, sepalo dorsali anguste triangulari, sepalis lateralibus ovatis acutis, petalis transverse bilobatis, lobis oblongis obtusis, lobis superioribus brevioribus superpositis, labelli laminis oblongis glabris, connectivis cuneatis, appendice extus lineari elongata.

Plant small, epiphytic, caespitose; roots slender. Ramicauls slender, erect, 3-5 cm long, enclosed by 6-8 minutely ciliate, lepanthiform sheaths. Leaf erect, coriaceous, ovate, acute, 15-23 mm long, 9-12 mm wide, the base cuneate into a petiole 1-2 mm long. Inflorescence a congested, successively few-flowered raceme up to 3 mm long, borne on top of or beyond the leaf by a filiform peduncle 15-18 mm long; floral bracts 2 mm long; pedicels 1.5 mm long; ovary 1.5 mm long; sepals dark red-purple, minutely ciliate, the dorsal sepal narrowly triangular, acute, long-attenuate, 18 mm long, 6 mm wide, connate to the lateral sepals for 2 mm, the lateral sepals ovate, oblique, 21 mm long including the tails, 5 mm wide, 3-veined, connate 2 mm, the acute apices attenuated into slender tails ca. 10 mm long; petals red-purple, microscopically pubescent, transversely bilobed, 1.5 mm long, 6 mm wide, the lobes oblong, oblique, obtuse, the upper lobes shorter, overlapping above the lip; lip red-purple, bilaminar, the blades oblong, obtuse, glabrous, 3 mm long, 0.75 mm wide, with an overlapping inner margin near the apex, the connectives cuneate to form a short body, connate to the base of the column, the sinus acute above the external, narrowly oblong, 1 mm-long appendix; column 3 mm long, the anther dorsal, the stigma ventral.



Lepanthes mulderae Luer