

Lepanthes maduroi Luer, sp. nov.

Planta mediocris, racemo laxe plurifloro folium duplo superanti, floribus grandibus ferrugineis, sepalis ovatis leviter acuminatis, petalis transverse oblongis parvis, labelli laminis anguste oblongis apice incurvatis, simu minute ciliato appendice destituta.

Plant medium in size, epiphytic, caespitose; roots slender. Secondary stems slender, erect to suberect, 2.5-8 cm long, enclosed by 5-9 lepanthiform sheaths with dilated, ciliate stomata. Leaf erect, coriaceous, elliptical, 2.5-4 cm long, 1-1.7 cm wide, the apex lightly acuminate, acute, the base cuneate into the 1-2 mm long petiole. Inflorescence a loose, subflexuous, flexible, successively several-flowered raceme up to 4 cm long, borne by a filiform peduncle 3-4.5 cm long; floral bract 1.5-2 mm long, lightly muricate; pedicel 2 mm long; ovary 2 mm long, 6-carinate; sepals reddish tan or brown, ovate, lightly acuminate, acute, carinate, the dorsal sepal 9.5 mm long, 6.25 mm wide, connate to the lateral sepals for 2 mm, the lateral sepals connate 3 mm, 9.25 mm long, 4.5 mm wide; petals red-brown, microscopically pubescent, transversely oblong, 1 mm long, 3.5 mm wide, the ends of the lobes rounded, the lower lobe narrower and slightly incurved; lip red-brown, glabrous except for microscopic cilia at the apices of the blades, the blades narrowly oblong with narrowly rounded ends, 2 mm long, the apices incurved beyond the column, the connectives broadly cuneate, connate to the column above the base, the sinus minutely ciliate without an appendix; column 2 mm long, the anther and stigma apical.

Etymology: Named in honor of Sr. Andres Maduro of Panama, Panama, who has collected this species, and has cultivated it successfully for several years.

Type: Panama; Prov. of Chiriqui: epiphytic in cloud forest above Guadalupe, alt. 2300 m, 8 Dec. 1983, C. Luer, J. Luer & A. Maduro 9305 (Holotype: SEL).

This handsome, large-flowered species with racemes exceeding the leaves grows intermixed with L. maxonii Schltr. The reddish tan sepals are shortly acuminate and tailless.