



Fig. 7. *Pleurothallis angulosa* Luer & Hirtz.

stout, up to 10 cm long, 5–8 mm long between ramicauls, enclosed by deciduous sheaths; roots slender. Ramicauls stout, ascending, 2–3 mm long, enclosed by 1–2 tubular sheaths. **Leaf** erect, thickly coriaceous, fleshy, elliptical, obtuse, 12–15 mm long, 6–8 mm wide, the base broadly cuneate into a petiole less than 1 mm long. **Inflorescence** an erect, zigzag, loose, successively several-flowered raceme up to 35 mm long including the peduncle 2–3 mm long, borne laterally from the ramicaul; floral bract oblique, 2.5 mm long; pedicel stout, 3 mm long; ovary 1.5 mm long; **sepals** light red-brown, thickly fleshy, carinate, non-spreading, glabrous to microscopically pubescent externally, the dorsal sepal ovate, narrowly acute, 7 mm long, 1.75 mm wide, connate to the lateral sepals for 1 mm, the lateral sepals connate 1.5 mm, narrowly ovate, acute, oblique, 7 mm long, 1.5 mm wide; **petals** light red-brown, purple toward the apex, glabrous, ovate, acute, shortly acuminate, 3 mm long, 1.2 mm wide; **lip** light brown with the margins and center purple, elliptical, 2.25 mm long, 1 mm wide, the margins ciliate, with low, oblique lobe-like angles below the middle, the apex rounded, the disc shallowly sulcate between a pair of low parallel calli, the base subcordate, bilobulate, delicately hinged to

***Pleurothallis angulosa*** Luer & Hirtz, *sp. nov.*  
**TYPE:** ECUADOR. Pichincha: epiphytic in wet forest on the west slope of Volcán Illiniza, alt. ca. 2700 m, collected by A. Hirtz, flowered in cultivation in Quito, 7 Apr. 1985, *C. Luer 11131* (Holotype: MO). Fig. 7.

Planta longirepens, foliis ellipticis crassis subsessilibus, ramicaulibus abbreviatis, pedunculo fractiflexo folio superanti, sepalis carnosiss, petalis breviter acuminatis et labello elliptico ciliato lobis lateralibus parvis infra medium.

**Plant** small, epiphytic, repent, the rhizome

the column-foot; **column** broadly winged, 2.5 mm long, the foot thick, 0.5 mm long, the anther, rostellum and stigma ventral.

ETYMOLOGY: From the Latin *angulosus*, "full of angles," referring to the flexuous rachis.

This species is another of many related to *P. brevipes* Focke and *P. breviscapa* C.Schweinf. in subgenus *Specklinia* section *Muscosae*. It is distinguished from all the others by the repent habit and zigzag racemes that eventually reach a length twice taller than the leaves. The sepals are thick, fleshy and carinate; the petals are shortly acuminate; and the elliptical lip is ciliate with a small pair of lobes below the middle plus the usual pair of lobules at the base.