

***Pleurothallis falcatiloba*, sp. nov.**

Herba parvula, erecta, epiphytica, circa 10 cm. alta, rhizomate valde abbreviato. Radices numerosissimae, intertextae, glabrae, flexuosae. Caules perbreves, unifoliati, biarticulati, vaginis binis scariosis tubularibus omnino obtecti, plus minusve 1.5 cm. alti. Folia anguste oblongo-oblanccolata, apice late rotundato minute bilobata et apiculata, basi angusta sensim angustata, coriacea, nervo medio plus minusve supra sulcato et subtus carinato, 5–7.1 cm. longa, 7.9 mm. lata ultra medium. Scapi folia paulo excedentes, gracillimi, teretes, 7.5–8.5 cm. alti. Pedunculi ad racemum vaginis perpaucis tubulatis, apice longe acuminatis valde scariosis ornati. Racemi laxiflori, circa 2.1–2.6 cm. alti (sed juniores). Bractcae inflorescentiae vaginis similibus, membranaceae, laxae, infundibuliformes, longe et acriter acuminatae. Flores pro planta grandes; sepala crassiora, ut videtur subparallela. Sepala lateralia dimidio basali connata, circa 11.5 mm. longa, parte apicali dorso carinata, acuminata, carina in mucronem extensa. Sepalum intermedium simile, anguste lineari-lanceolatum, longe acuminatum, apice dorso carinatum, trinervium, basi columnae tantum connatum, circa 1.3 cm. longum, prope basim 2 mm. latum. Petala minuta, oblonga, superne paulo dilatata, obtusa, membranacea, uninervia, circa 2.65 mm. longa et 1.2 mm. lata ultra medium. Labellum circuitu ovatum, abrupte trilobatum, circa 4.9 mm. longum et 2.9 mm. latum trans lobos laterales; unguis quadratus; lobi laterales falcato-lineares, antrorsum semilunati et incurvi, obtusi, prope basim papilloso, circa 2 mm. longi; lobus intermedius porrectus, oblongus, parte anteriore oblique rotundatus, acutus, margine irregulari, parte inferiore carinis crassis binis paulo convergentibus ornata, circa 3 mm. longus; unguis et lobi terminalis pars inferior incrassati. Gynostemium circa 4 mm. longum, superne late alatum, ala leviter bilobata in partes semiorbiculares denticulatas, pede crasso brevi ornatum. Pollinia duo, complanato-pyriformia.

This species is very similar to *Pleurothallis bifalcis* Schltr., but it is a more dwarf plant with shorter leaves, almost thrice shorter petals and twice shorter labellum and column. It differs from *P. Wercklei* Schltr. in having far longer sepals, shorter petals and longer labellum. The distinctive characters are the rounded apex of the leaves, the large flower with long sepals and diminutive petals and the unusual linear-falcate lateral lobes of the labellum.

PANAMA, PROVINCE OF CHIRIQUI, Valley of the Rio Quebrada, *Killip* 3540. February 8, 1918. 1,700 meters altitude. On trees in deep woods.