

**Pleurothallis Aguilarii** Ames sp. nov. Herba epiphytica, nana. Caulis secundarii abbreviati, monophylli. Folium cum petiolo oblanceolatum, coriaceum, rigidum. Pedunculus folium superans, pauciflorus. Flores atropurpurei ut videtur. Sepala lateralia cohaerentia, laminam oblongam glandulosam formantia. Sepalum dorsale anguste lanceolatum, glandulosum. Petala valde abbreviata, glabra, ovata. Labellum trilobatum, bicarinatum; lobis lateralibus falcatis, porrectis, pro parte glandulosis; lobo medio orbiculari. Columna in pedem producta, androclinio breviter fimbriato.

Plant epiphytic, the whitish glabrous roots spreading through a mixture of mosses and lichens. Secondary stems caespitose, abbreviated, monophyllous, rarely attaining 1 cm. in length, sheathed when young, the sheaths soon withering and breaking up into fibers. Leaf with the petiole up to 2.8 cm. long, 8.5 mm. wide, oblanceolate, marginate, very coriaceous, rigid, somewhat notched at the tip with the mid-nerve slightly extended. Peduncle exceeding the leaf, paucibracteate below the inflorescence; the bracts about 3 mm. long, tubular, scarious, closely appressed. Raceme slightly exceeding 1 cm. in length, several-flowered. Flowers apparently opening in succession, only one in perfection at a time. Perianth deep purple in the dried specimen examined. Ovary glabrous, exceeding the tubular abbreviated hyalescent bract which subtends the pedicel. Lateral sepals 1.2 cm. long, coherent through nearly the entire length of their inner margin, forming an oblong lamina (4 mm. wide), which is bifurcate at tip; outer half of each sepal conspicuously glandular-hairy; inner half densely and shortly glandulose, but not hairy. Dorsal sepal fleshy, 1.2 cm. long, about 2.5 mm. wide, narrowly lanceolate; on the inner surface, from the margins almost to the center, ornamented with long purplish glandular hairs. Petals 2.5 mm. long, about 1.5 mm. wide at the middle, ovate, obtuse or subacute, membranaceous. Labellum 4.75 mm. long, fleshy, conspicuously and unequally 3-lobed in front of the abbreviated oblong claw; lateral lobes about 2 mm. long, falcate, with the subacute tip directed forward, minutely glandular below the middle; middle lobe 3.25 mm. long (including the isthmus), 1.5 mm. wide, orbicular. Disc conspicuously bicarinate, the keels arising from a fleshy basal callus which is situated in front of the claw. Column 4.5 mm. long, produced into a distinct foot, summit irregularly and shortly fringed or toothed.

*Pleurothallis Aguilarii* is a member of the perplexing group to which *P. canae* Ames, *P. vinacea* Ames, and *P. Wagneri* Schltr. belong. From *P. bifalcis* Schltr., it differs in the much smaller vegetative structures and in the form of the labellum. From *P. Wagneri* Schltr., it is clearly separable by the glandular-hairy sepals.

COSTA RICA, Volcán de Barba, *Ramiro Aguilar* (No. 33157 of Paul C. Standley's Costa Rican plants), February 3, 1924. (TYPE in Herb. Ames No. 29146.)