

## NEW OR NOTEWORTHY ORCHIDS

**Pleurothallis dichotoma** *Ames sp. nov.* Radices fibratae, albidae, glabrae. Rhizoma abbreviatum. Caules secundarii dense caespitosi, valde abbreviati, vaginis paucis scariosis vestiti. Folium oblanceolatum, bene marginatum, apice bidenticulatum apiculo interjecto, in petiolum angustatum contractum. Pedunculus cum racemo folia multo excedens, valde gracilis. Inflorescentia laxe dichotoma, plus minusve quinqueflora. Bractee inflorescentiae infundibuliformes, acutae, scariosae, pedicellis breviores. Sepala lateralia vix usque ad medium cohaerentia, purpurea, lanceolata, in caudam filiformem flavidam producta, binervia, extus per medium carinata. Sepalum dorsale simile, purpureo-striatum, trinervium nervis extus prominentibus, basi valde concavum. Petala lanceolata, bene purpureo-fimbriata, in apicem filiformem producta, uninervia. Labellum subsagittatum, valde obtusum, supra medium glandulosum, margine glanduloso-fimbriatum, subtus prope basim valde carinatum, ecallosum. Columna brevis.

Roots fibrous, whitish, smooth. Rhizome abbreviated. Secondary stems densely caespitose, about 4 mm. long, concealed by about two scarios tubular sheaths. Leaf oblanceolate, 1.3–2.4 cm. long, up to 4 mm. wide above the middle, marginate, bidentulate at the apex with an apicule between the teeth, contracted below into a slender petiole. Peduncle with the raceme up to 6 cm. long, slender, thread-like. Inflorescence about 2.5 cm. long, dichotomous, loose, about 5-flowered. Lateral sepals coherent hardly to the middle, 8 mm. long, 1 mm. wide below the middle, lanceolate, with the apex slenderly caudate and about 4 mm.

## NEW OR NOTEWORTHY ORCHIDS

long, 2-nerved, with the central nerve externally thickened, maroon-purple with the tails yellowish. Dorsal sepal 8 mm. long, lanceolate, tricarinate on the outer surface, produced at the apex into an elongated slender tail which is 4 mm. long, 3-nerved, with the nerves purplish. Petals 3 mm. long, about 1 mm. wide, with the margin conspicuously and irregularly fimbriate, — the segments of the fringe commonly bifurcate and purplish, — 1-nerved with the nerve thickened. Labellum about 2 mm. long, subsagittate, very obtuse, deep maroon-purple, densely and shortly glandulose above the middle with the margin glandular-fimbriate, strongly and deeply keeled beneath the base with the keel shortly fringed. Disc ecallose. Column fleshy.

Allied to *Pleurothallis hastata* Ames, but with the sepals long-caudate and the labellum quite different.

COSTA RICA, Peralta, C. H. Lankester 464, July 13, 1923. 1200 feet altitude. (TYPE in Herb. Ames No. 27014.)