

Dichaea Lankesteri Ames sp. nov. Herba epiphytica. Caules dense foliati. Folia decidua, linearia. Flores singuli e foliorum axillis orientes. Pedunculus tenuis, prope basim vagina pellucida vestitus, infra ovarium bibracteatus. Ovarium dense setulosum. Sepala lateralia triangulari-lanceolata, longe acuminata, acuta, concaviuscula. Sepalum dorsale simile, apice deflexum. Petala angustè lanceolata, acuminata, acuta. Labellum e basi cuneata valde dilatatum, utrinque acutangulum, angulis plus minusve productis valde retrorsis, apice acuminatum, acutum. Discus ecallosus. Gynostemium crassiusculum, breviter pubescens.

Roots fibrous, spreading, whitish. Stems more or less caespitose, up to 14 cm. high, densely foliose, complanate, entirely concealed by the sheathing bases of the deciduous leaves, the lower portion defoliated at anthesis. Leaves up to 4.5 cm. long, about 3 mm. wide below the middle, spreading, decurved, distichous, linear, tapering gradually toward the acute tip, more or less membranaceous. Flowers shortly pedicellate, arising singly from the axils of the leaves. Peduncle slender, with an elongated sheath near its base and two more or less hyaline bracts near its summit, one of the bracts linear-triangular 5 mm. long, the other bract broadly oval concave and 5 mm. long. Ovary abbreviated, densely setulose. Lateral sepals about 8 mm. long, 3.5 mm. wide, triangular-lanceolate, acuminate, acute, the tip sharply bent downward. Dorsal sepal similar to the laterals. Petals 6.5 mm. long, narrowly lanceolate, acuminate, acute, strongly concave at the base. Labellum 6 mm. long, unguiculate, claw cuneate, dilated above the claw into a round-triangular lamina which is about 5 mm. wide across the base, with an acute angle on each side which is strongly retrorse, acuminate, acute at the apex, the tip thickened and deflexed. Disc ecallose, minutely glandular. Column stout, 2 mm. long, dilated upward.

In habit not unlike *Dichaea graminoides* (Sw.) Lindl., but with a very different labellum. In outline the labellum suggests *D. Willdenowiana* Kränzl., but is characterized by an elongated thickened tip.

COSTA RICA, Cascajal, C. H. Lankester K353. Flower white, very faintly greenish tinged, with a faint purple stain round the edge of the stigmatic surface. (TYPE in Herb. Kew.)