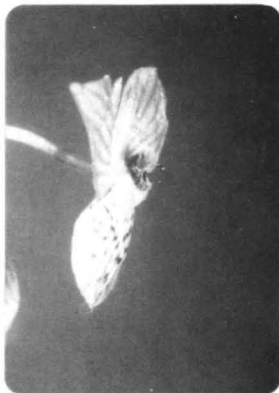


**TELIPOGON PORTILLOI** Dodson & Escobar sp. nov.

TYPE: COSTA RICA: CARTAGO: Cerro de la Muerte, km 90 of the Panamerican Highway, alt. 3300 m, 25 Aug 1985, R. Escobar, D. Portillo & D. E. de Retana 3648 (JAUM holotype, RPSC isotype).



*T. portilloi*  
(L. Glicenstein, "Telipogon DE")



## FLORA DE Costa Rica

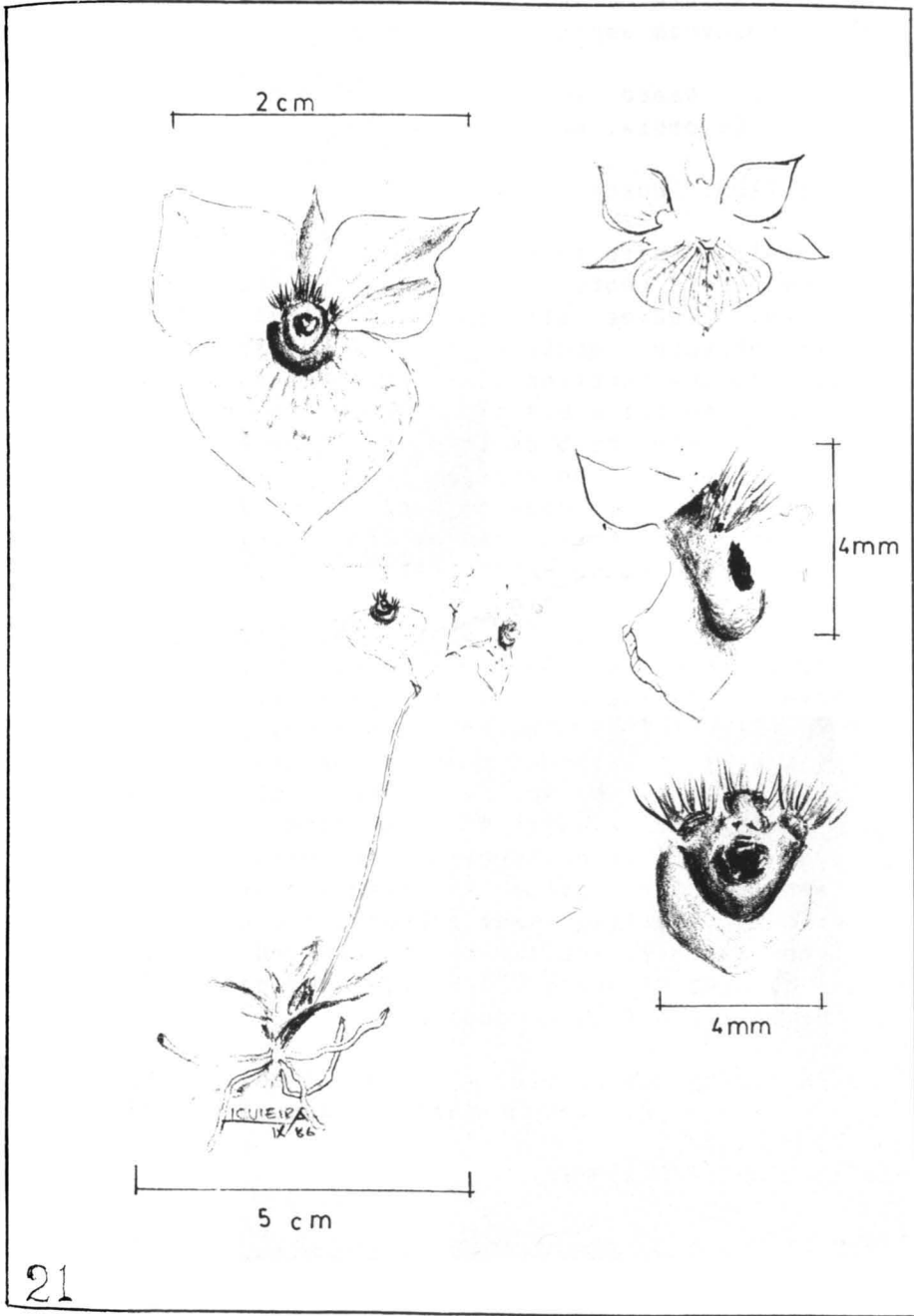
*Telipogon portilloi* Dodson & Escobar  
Province of Cartago, Cerro de la Muerte, km. 40 of  
the San Amarcado Highway, alt. 3300 m.

Petals yellow with 5 green veins, red-brown only  
at the base, the veins branched to 8 or 9 in the  
outer margin; lip lighter yellow with 14 or  
15 very light brown veins, with transverse red-  
brown reticulations; lip without elevated callus,  
but with a semicircular pink swelling at  
the base that surrounds the column; column  
burgundy, with 3 equal bundles of sparse,  
soft, short, burgundy hairs.

Collector R. Escobar, D. Portillo & E. de Retana

No. 3648 Fecha 25 August 1985

HERBARIO JARDIN BOTANICO JOAQUIN ANTONIO URIBE



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Illustration: L.C. Vieira

*Telipogon portilloi*

Species haec *T. leila-alexandrae* Brass similis, sed floribus multiminoribus et labelli callo triangulari roseolo columnam amplectenti differt.

ETYMOLOGY: Named in honor of David Portillo, of Medellin, Colombia, who rediscovered the species.

DISTRIBUTION: Costa Rica.

Plant small, caespitose; stem to 3 mm long, branched from the base; roots coarse, produced from the base of the stem. Leaves alternate, distichous, 3 to 5, narrowly obovate, acute at the apex, narrowing toward the base to the junction with the sheath; with net-like venation, to 2.1 x 0.4 cm. Inflorescence terminal or lateral, terete, to 5 cm long, branched or unbranched, 3-to 5-flowered, the flowers produced in succession; peduncle of 1 internode to 3 cm long; floral bracts triangular, apiculate, to 4 mm long; pedicel terete to 1 cm long; flowers non-resupinate. Flowers yellow with green or red-brown vein lines which have transverse reticulations, the callus pink, the column and spines wine-red. Sepals equal, narrowly ovate, concave, carinate on the back side, to 0.6 x 0.2 cm; petals rhombic-elliptic, acute, to 1 x 0.6 cm, 5-to 7-veined, the veins often branched near the margin; lip broadly ovate, obtuse at the apex and base, apiculate at the apex, 1.1 x 0.8 cm, with 13 main veins, often branched to form up to 17 veins, some of the veins branched near the margin, the callus at the base of the lip a semicircular swelling which embraces the column, finely papillose-villose; column short, emersed in the callus with 3 bundles of sparse, short, soft spines of equal length; pollinia 4 in 2 equal pairs.

ILLUSTRATIONS: L. C. Vieira No. 21 (JAUM, RPSC).  
R. L. Rodriguez, 21 June 1978 (USJ).

DISTINGUISHING FEATURES:

Scape terete.

Petals 5-to 7-veined; lip 13-to 17-veined.



*Telipogon portilloi*  
(R. Escobar 3648)



Callus a semicircular swelling embracing the column.

Column short with 3 bundles of sparse, short, soft spines of equal length.

Plant caespitose.

OTHER SPECIMENS SEEN: COSTA RICA: CARTAGO: km 97 of the Panamerican Highway, between La Georgina and La Auxiliadora, alt. 2880 m, 25 Aug 1985, R. Escobar, D. Portillo & D. E. de Retana 3646 (JAUM).

NOTES: This species was photographed by Leon Glicenstein on 28 May 1978 and labeled "Telipogon DE". No herbarium material was prepared at that time and the locality was not provided when inquiry was made. Three plants were rediscovered by David Portillo in August 1985, in two different localities and based on these specimens the species has been described. The type material is of smaller plants than the one photographed in 1978.

NOTAS: Esta especie fue fotografiada por León Glicenstein el 28 de Mayo de 1978 y marcada como "Telipogon DE". No se preparó material de herbario en ese entonces y la localidad no fue dada cuando se preguntó por ella. Tres plantas fueron redescubiertas por David Portillo en Agosto de 1985, en dos localidades diferentes y con base en estos ejemplares se ha descrito la especie. El material tipo es de plantas más pequeñas que la fotografiada en 1978.