

19. **MAXILLARIA THURSTONIORUM** Dodson, sp. nov.

Similis *Maxillariae lepidotae* Lindl., a qua distinguitur floribus vinosis, labello ornato callo brevi ligulato non sulcato longitudinaliter in medio, et incrassato solo apice lobuli medii labelli.

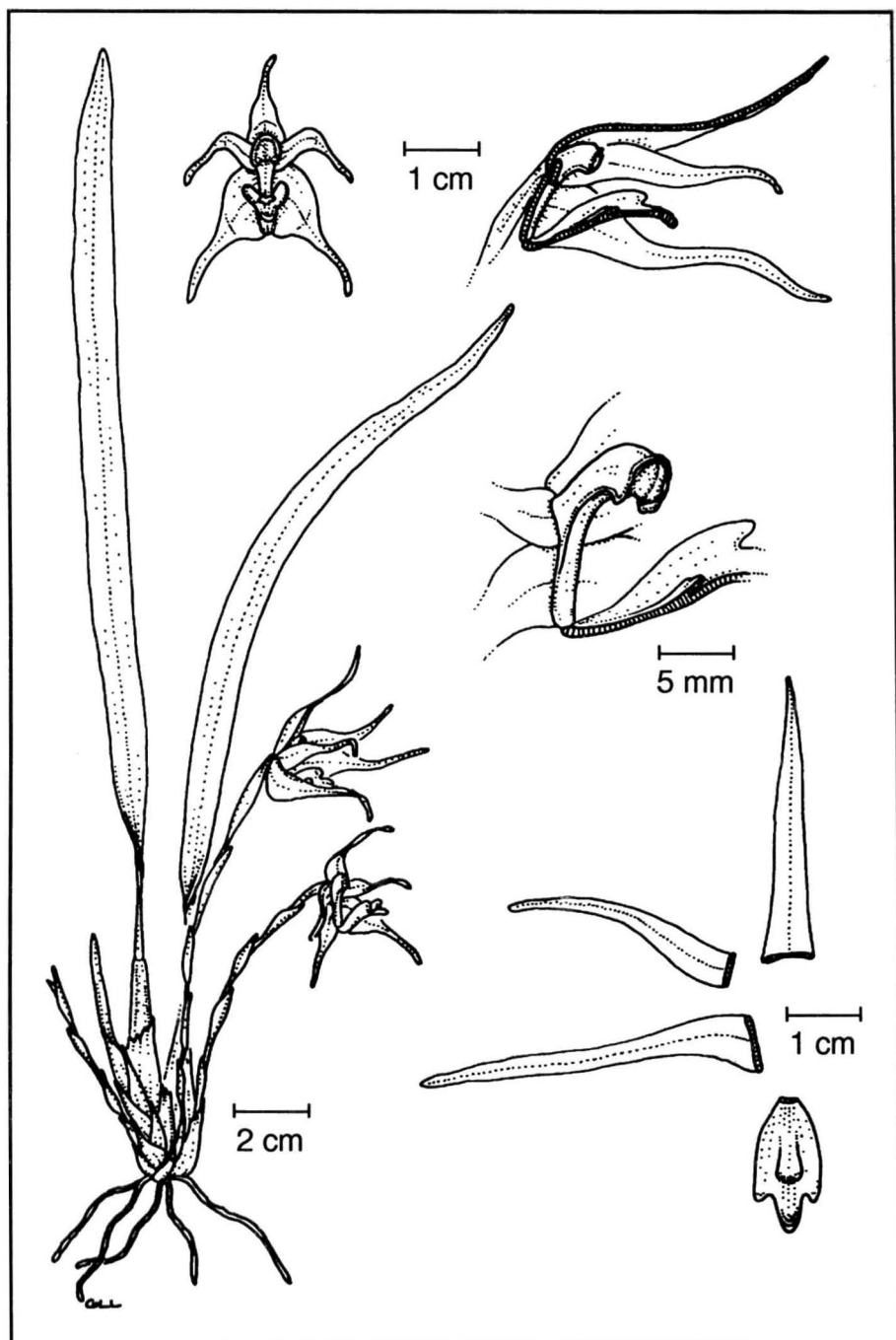
Orig. coll.: Ecuador: Napo: Baeza to Lago Agrio, 2 km E of Chaco, 1550 m, 14 April 1984, *Dodson, Hirtz, & W. & B. Thurston 14277* (RPSC holotype, QCNE).

OTHER SPECIMENS SEEN: Ecuador: Morona-Santiago: Macas to Guamote, 1200 m, January 1989, *Hirtz 4072* (RPSC). Napo: Baeza to Lago Agrio, km 5, Borja, 1500 m, 5 October 1984, *Hirtz 1954* (RPSC, QCNE). Tungurahua: Baños to Puyo, Mera, 1100 m, 30 March 1985, *Hirtz 2425* (MO); same locality, Río Negro, 1500 m, 6 March 1963, *Dodson & Thien 2339* (RPSC). Zamora-Chinchipe: Cord. Condor, Los Encuentros to Río Machinaza, 1500 m, 19 May 1988, *Hirtz 3794* (RPSC); Zamora, up Río Jamboe at Romarillo Alto, 1500 m, 14 June 1986, *D'Alessandro 705* (MO).

ETIMOLOGIA: Nombrada en honor del Sr. William Thurston y su Sra., del estado de Colorado, quienes participaron en la recolección del ejemplar tipo.

ETYMOLOGY: Named to honor Mr. and Mrs. William Thurston of Colorado who participated in the collection of the type specimen.

Plant epiphytic. Pseudobulbs approximate, cylindric, complanate, 1-leaved at the apex, to 6 x 2 cm, surrounded by imbricating, distichous sheaths the upper of which is foliaceous. Leaves petioled, the lamina narrowly oblong, acute, cuneate at the base to unite with the petiole, coriaceous, to 35 x 1.6 cm; petiole to 9 cm long, channeled. Inflorescences 1-flowered, produced from the axils of the lower sheaths surrounding the pseudobulb, the peduncle to 13 cm long, surrounded by loose, tubular, imbricating sheaths. Flower wine-red, the lip darker red. Sepals and petals free; dorsal sepal linear-triangular, acute, erect and paralleling the column, concave at the base, to 4.5 x 0.8 cm; lateral sepals obliquely linear-triangular, spreading, to 5.2 x 1 cm; petals linear-ovate, spreading, to 3.6 x 0.7 cm; lip elliptic in outline, 3-lobed, erect, parallel to the column, to 2.2 x 1.1 cm, the



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lateral lobes Elliptic when spread, erect, on each side of the column, blunt at the apex, the midlobe ovate, thickened at the apex, the callus tongue-shaped, blunt at the apex, not as long as the lateral lobes; column short, to 1 cm long, terete, flattened on the underside, extended at the base into a column foot.

NOTAS: Esta especie pertenece al Grupo *Lepidota* y puede distinguirse por las flores de color rojo-vino, el labelo con un callo corto lenguado el cual no es sulcado abajo de la línea central, y el lobulo central engrosado únicamente el ápice.

NOTES: This species belongs in the *Lepidota* Group and can be distinguished by the wine-red flowers, the lip with a short tongue-like callus that is not sulcate down the midline, and the thickened apex only of the midlobe.