

A NEW TASMANIAN TERRESTRIAL ORCHID.

By

W. H. NICHOLLS.

(Communicated by Clive Lord.)

Plate VI.

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Caladenia echidnachila, n.sp.

Planta terrestris, gracilis; habitu Cal. Patersonii, R. Br.; folium linearo-lanceolatum, hirsutum, canaliculatum; flores 1 vel 2, majesticuli; lutei et rubri; ovarium densissime-hirsutum; perianthii-segmenta sub-aequalia, lineara et oblongo-lanceolata, filamentosa, glandulosa, patentia, pendula; caudæ 4-5 cm. longæ; sepalm-dorsale erectum, incurvum; labellum breviter unguiculatum, ovatum, apice filamentosum, glandulosum, obscure tri-lobatum; callis anguste-linearibus et robustiusculis, sex-seriatis, prope medio terminantibus; columna circiter 1.3 cm. longa, erecta, incurvata; anthera brevis.

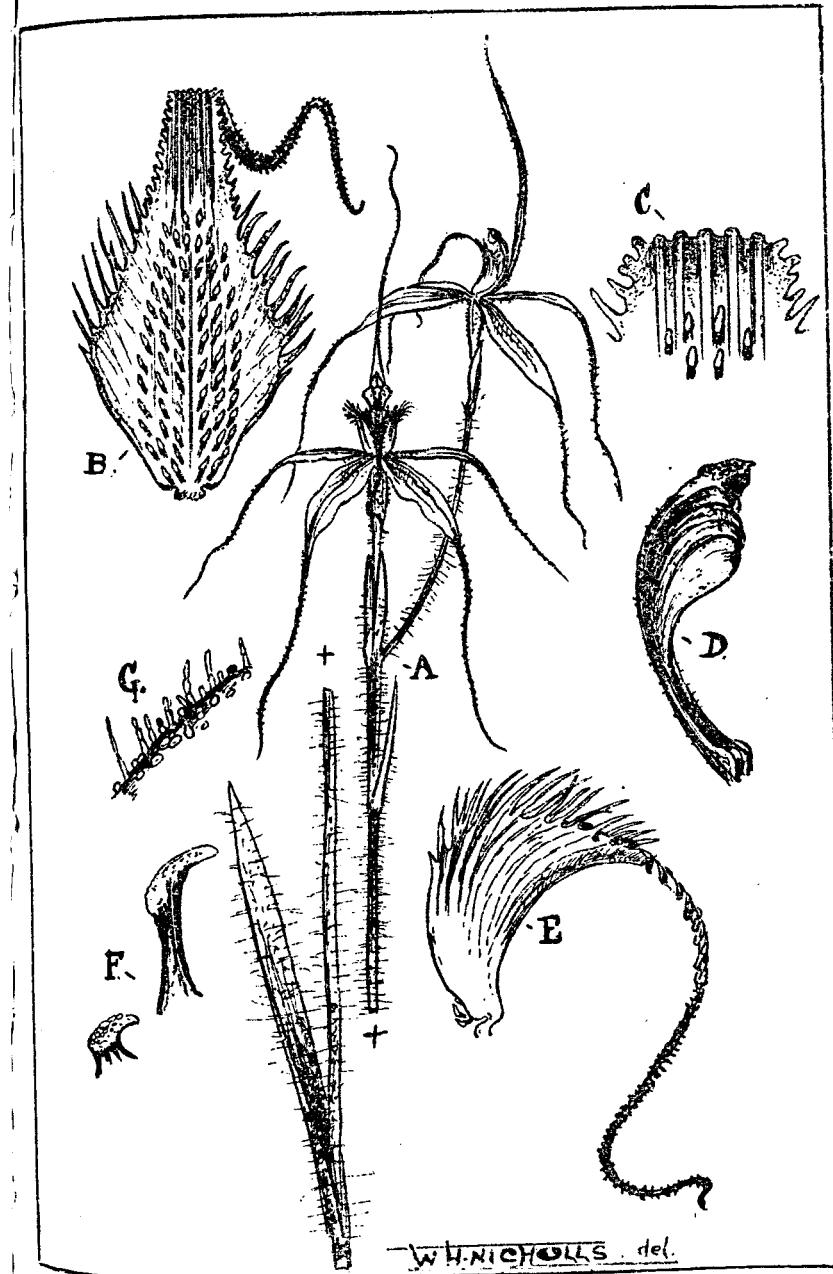
[A slender, moderately hairy species, with the habit of *Cal. Patersonii*, R. Br.; leaf hairy, linear-lanceolate, channeled; flowers 1-2; yellowish with crimson veinings and darker filamentous-glandular caudæ to the segments; caudæ about 4-5 cm. long; ovary covered with dense glandular hairs; lateral sepals and petals narrow-lanceolate, spreading, pendant; with three narrow longitudinal, central lines; sepals and petals about equal in length, petals narrower than the sepals; dorsal sepal erect, incurved; labellum erect, on a small movable claw, ovate-lanceolate, acuminate, yellowish with pale, diffused crimson veinings; tip wholly dark crimson, lower part of lamina erect, with entire margins, then deeply fringed; anterior margins serrulated; apex produced into a long, tapering filamentous-glandular process, fully twice as long as the broad portion of lamina (total length of labellum, 3.5-4 cm.); calli fleshy, slender, clavate, golf-stick type, in 6 rows, forward calli short and stout, not extending beyond the bend; five conspicuous longitudinal ridges continuing from between the rows of calli towards the tip; column erect, incurved about 1.3 cm. long, widely winged above; 2 yellow sessile glands at the base; anther with a short point.]

The above description is based on two specimens forwarded by Archdeacon Atkinson, and discovered by his sister, Miss H. M. Atkinson, of Lenah Valley, Hobart. The habitat is Lenah Valley. The labellum is unique within the genus *Caladenia*, R. Br.; and has been likened to the "long worm-like extensile tongue" of the "native porcupine" (*Echidna aculeata*).

This interesting species is closely related to *Cal. Pater-sonii*, R. Br., but differs from that well-known "spider" in all its variations, and also from all other closely related species, chiefly in having a long filamentous apex to the labellum. Flowering in October.

It is a remarkable addition to the Flora of Tasmania.

The type specimen is in the Tasmanian Museum, Hobart.



Caladenia echidnachila, n.sp.

- A. A typical plant.
- B. Labellum from above (spread out).
- C. Fore part of labellum-lamina, showing ridges.
- D. Column from side.
- E. Labellum from side. Note character of marginal fringe.
- F. Calli from the labellum-lamina.
- G. Glands from the perianth-segments. (Figures of details variously enlarged.)