

PSEUDOPEZIZA CASUARINAE. Sp. Nov.

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Subcutaneous but soon bursting through the epidermis and forming a small cushion bearing numerous conidia (Gloeosporium). Subsequently the pulvinus expanding, asci are formed, and the formation of conidia ceases.

Mature pulvinus oblong 0.5 - 1 mm. in long diameter, dark red-brown, of a tough fleshy consistency. Conidia hyaline, broadly oblong. Asci cylindric, 8 spored, spores broadly oblong with very obtuse ends, hyaline $17 \times 8 \mu$. Paraphyses filiform.

On ultimate branchlets of *Casuarina distyla*, Vent. Above Waterworks, Hobart.

The conidial stage is found in Spring and early Summer, the ascigerous form in Winter. It appears to exercise very little injurious effect upon the host. The branchlets yellowing and falling earlier in the affected instances.