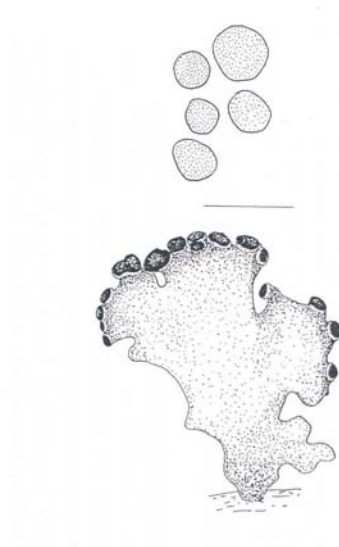


Calycidium cuneatum



Calycidium cuneatum.
From Kantvilas 2000.

FAMILY: CALYCIDIACEAE

BOTANICAL NAME: *Calycidium cuneatum*,
(Stirt.)Wedin, *Lichenologist* 34:1 (2002)

COMMON NAME: Lichen

COMMONWEALTH STATUS: (*EPBC Act*) Not Listed

TASMANIAN STATUS: (*TSP Act*) rare

Description

A small, leafy lichen with erect lobes between 4-10 mm wide and up to 15 mm long. It has a green to greyish or yellowish green upper surface and a whitish lower surface. The fruiting bodies are dark brown and irregularly spherical to elliptical in shape. The spores are brownish in colour and measure approximately 4-7 x 4.5-6 micrometres.

Confusing species: This species is distinguished from *Calycidium polycarpum* by the fruiting bodies on the incised lobes, which may appear shortly stalked. The presence of sphaeophorin (reacting UV + white) also distinguishes it from *Calycidium polycarpum*. *Calycidium cuneatum* also tends to be less robust than *Calycidium polycarpum* (description from Kantvilas 2005; based on Wedin 2002).

Distribution and Habitat

Calycidium cuneatum is known only from New Zealand and Tasmania. The distribution of this species in Tasmania is restricted to implicate rainforest at subalpine elevations. It has been located on horizontally spreading, shaded branches in the understorey (Kantvilas 2005).

Key Sites and Populations

The key sites for *Calycidium cuneatum* include the shore of Lake Hartz and along the walking track around Lake Dove.

Known Reserves

This species is known from Hartz Mountain and Cradle Mountain National Parks.

Ecology and Management

The small populations of this species at two known sites means that *Calycidium cuneatum* is subject to stochastic risks (Kantvilas 2005).

Conservation Status Assessment

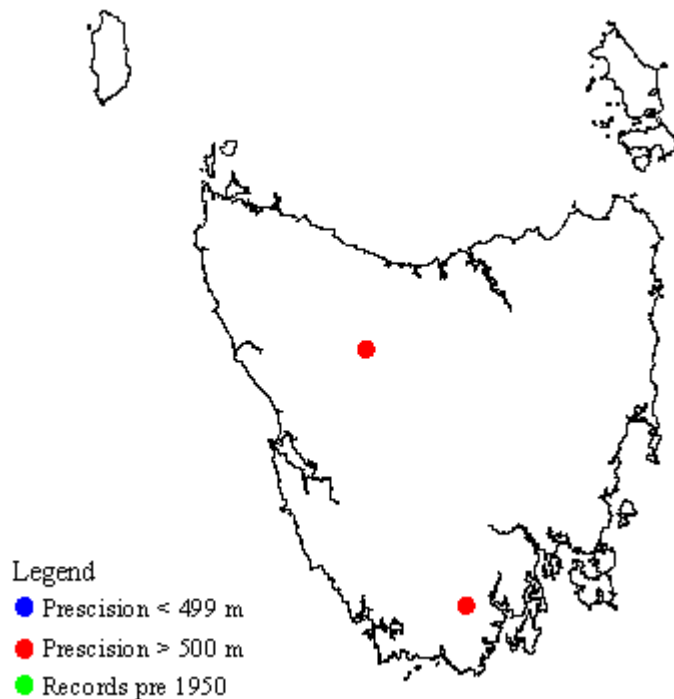
Despite more than twenty years of targeted rainforest lichen research across a wide range of localities, this species has been found only on two occasions. *Calycidium cuneatum* was listed as rare under the Tasmanian *Threatened Species Protection Act 1995* in April 2005.

Further Information

- Kantvilas, G 2000. Additional lichen records from Australia 45: the lichen family Calycidiaceae discovered in Tasmania. *Australian Lichenologist*, 47.
- Kantvilas, G 2005. *Calycidium cuneatum*: Nomination for Listing or De-Listing of a Taxon of Flora or Fauna. Threatened Species Scientific Advisory Committee, Hobart, Tasmania.
- Wedin, M 2002. The genus *Calycidium*. *Lichenologist*, 34:1, 63-69.

Tasmanian Distribution

(As per Threatened Species Unit records, April 2005)



1:25 000 Map Sheets

Cradle, Waterloo

Date last modified: 07/05/2005