

Xanthoparmelia semiviridis

COMMON NAMES

Resurrection lichen

BIOSTATUS

Native

CURRENT CONSERVATION STATUS

2018 | At Risk – Declining | Qualifiers: EF, SO

CATEGORY

Lichen

STRUCTURAL CLASS

Lichens - Foliose

SUBSTRATE DETAILS

Vagrant (unattached, on the ground)

THREATS

Habitat loss and modification of the dryland habitats it occupies.
Agricultural intensification (e.g. irrigation, fertilisation) and weed invasion.

GENUS

Xanthoparmelia

FAMILY

Parmeliaceae

AUTHORITY

Xanthoparmelia semiviridis (F.Muell. ex Nyl.) O.Blanco, A.Crespo, Elix,
D.Hawksw. & Lumbsch

SYNONYMS

Chondropsis semiviridis, Parmeliopsis semiviridis

ENDEMIC TAXON

No

ENDEMIC GENUS

No

ENDEMIC FAMILY

No

LIFE CYCLE AND DISPERSAL

In a recent study using a field-based wind tunnel Eldridge & Leys (1999) showed that continual bombardment of *X. semiviridis* thalli against both the soil surface and physical objects (fallen branches debris etc.) resulted in the breakdown of thalli into small, detached apical fragments that were easily moved by wind. They hypothesise that thallus fragments are likely to move with much higher frequencies than larger, intact thalli, and thereby provide a means of dispersal to new areas.

ETYMOLOGY

semiviridis: From the Latin semi- 'half' or 'partially' and 'viridis' 'green'

NVS CODE

XANSEM



Butchers Creek, Alexandra. Photographer: Melissa Hutchison, Date taken: 18/07/2021, Licence: CC BY-NC.



Canterbury Clay Target Club, West Melton, Christchurch. Photographer: Melissa Hutchison, Date taken: 03/07/2020, Licence: CC BY-NC.

REFERENCES AND FURTHER READING

Eldridge D.J. and Leys J.F. 1999: Wind dispersal of the vagant lichen *Chondropsis semiviridis* in semi-arid eastern Australia. *Australian Journal of Botany* 47: 157–164.

Galloway D.J. 2007: *Flora of New Zealand: Lichens, including lichen-forming and lichenicolous fungi*. 2nd edition. Lincoln, Manaaki Whenua Press. 2261 pp.

MORE INFORMATION

<https://www.nzpcn.org.nz/flora/species/xanthoparmelia-semiviridis/>

PDF DATE

25 May 2026