

# Lepra barbatica

## FAMILY

Pertusariaceae

## AUTHORITY

*Lepra barbatica* (A.W.Archer & Elix) I. Schmitt, B.P. Hodk. & Lumbsch

## FLORA CATEGORY

Lichen – Native

## ENDEMIC TAXON

No

## ENDEMIC GENUS

No

## ENDEMIC FAMILY

No

## STRUCTURAL CLASS

Lichens - Crustose

## CURRENT CONSERVATION STATUS

2018 | Data Deficient | Qualifiers: RR

## BRIEF DESCRIPTION

Characterised by the corticolous habit; the isidiate thallus; and the presence of barbatic acid.

## DISTRIBUTION

**North Island:** South Auckland (Coromandel Peninsula).

Recently recorded in the Waitakere Ranges, Auckland (Ford 2021).

Known also from East Australia and Tasmania.

## HABITAT

On bark of kauri (*Agathis australis*).

## DETAILED DESCRIPTION

**Thallus** corticolous, pale olive-green, thin, surface smooth, matt, isidiate, without soredia. **Isidia** inconspicuous, numerous, simple, rarely branching, concolorous with thallus, 0.2–0.3 mm tall, 0.1 mm diam. **Apothecia** not seen.

**Chemistry:** Thallus K–, C–, KC–, Pd–; containing barbatic acid (major), 4-O-demethylbarbatic acid (minor or tr.) and 3 $\alpha$ -hydroxybarbatic acid (tr.).

## SUBSTRATE

Corticolous

## ATTRIBUTION

Fact sheet prepared by Marley Ford (9 October 2022). Brief description, Distribution, Habitat, and Features sections copied from Galloway (2007).

## REFERENCES AND FURTHER READING

Ford M. 2021: Observation of *Lepra barbatica*.

<https://inaturalist.nz/observations/97859864>. Date accessed: 7 February 2023.

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



Corticolous, Waitakere Auckland.

Photographer: Marley Ford, Date taken: 10/10/2021, Licence: CC BY.



Corticolous, Waitakere Auckland.

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**MORE INFORMATION**

<https://www.nzpcn.org.nz/flora/species/lepra-barbatica/>