

# Heterodermia appendiculata

## SYNONYMS

Anaptychia appendiculata

## FAMILY

Physciaceae

## AUTHORITY

Heterodermia appendiculata (Kurok.) Swinscow & Krog

## FLORA CATEGORY

Lichen – Native

## ENDEMIC TAXON

No

## ENDEMIC GENUS

No

## ENDEMIC FAMILY

No

## STRUCTURAL CLASS

Lichens - Foliose

## CURRENT CONSERVATION STATUS

2018 | Data Deficient | Qualifiers: SO

## BRIEF DESCRIPTION

Characterised by the corticolous habit; marginal phyllidia; a non-corticate lower surface; and norstictic acid (K+ yellow→red) in the medulla.

## DISTRIBUTION

**North Island:** Northland (Kaitaia, Helena Bay), Auckland (Dome Valley, Puhoi).

Known also from West Africa, Brazil, and Australia.

## HABITAT

On *Cordyline*.

## DETAILED DESCRIPTION

**Lobes** slightly disjunct or adjacent, ± plane, not ascending, with short lateral lobes. **Upper surface** even, squamulose. **Squamules** mainly marginal, rarely laminal, dissected. **Lower surface** ecorticate, pale to brownish. **Apothecia** laminal, sessile to subpedicellate, thalline exciple squamulose, squamules long and deeply dissected, disc brown or brown-black, matt. **Ascospores** with sporoblastidia, 37-53 × 18-25 µm.

**Chemistry:** Atranorin, zeorin, and norstictic acid.

## SIMILAR TAXA

Similar to other members of this genus but defined by its phyllidiate thallus and K+ yellow-red chemistry.

## SUBSTRATE

Corticolous

## ETYMOLOGY

**heterodermia:** From the Greek heteros (other, different) and derma (a skin or hide), in reference to the presence or absence of a lower cortex

**appendiculata:** Appendiculate, with small appendages or projections, hanging in small fragments



Low corticolous lichen on exposed tree roots in forest remnant, Puhoi Auckland.

Photographer: Marley Ford, Date taken: 17/02/2022, Licence: CC BY-NC.



Low corticolous lichen on exposed tree roots in forest remnant, Puhoi Auckland.

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### **ATTRIBUTION**

Fact sheet prepared by Marley Ford (24 February 2022). Brief description, Distribution, Habitat, and Features sections copied from Galloway (1985, 2007).

### **REFERENCES AND FURTHER READING**

Galloway D.J. 1985: *Flora of New Zealand: Lichens*. Wellington: PD Hasselberg, Government Printer. 662 pp.  
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/heterodermia-appendiculata/>