

# Phaeographis inusta

## SYNONYMS

*Graphis strigata*, *Phaeographis strigata*

## FAMILY

Graphidaceae

## AUTHORITY

*Phaeographis inusta* (Ach.) Müll.Arg.

## FLORA CATEGORY

Lichen – Native

## ENDEMIC TAXON

No

## ENDEMIC GENUS

No

## ENDEMIC FAMILY

No

## STRUCTURAL CLASS

Lichens - Crustose

## CURRENT CONSERVATION STATUS

2018 | Not Threatened | Qualifiers: SO

## BRIEF DESCRIPTION

Characterised by the corticolous habit; the creamish or whitish, wrinkled, thick thallus, K-; and the 3-septate ascospores, 18–21 × 7–10 µm.

## DISTRIBUTION

**North Island:** Auckland (Waitakere Ranges), South Auckland (Kaingaroa Plains, Rotorua), Wellington (sine loco). Recently observed in the Waikatō (near Huntly) (Hutchison 2022).

Cosmopolitan. Known also from Great Britain, Europe, North America, India, Hawai'i, New Caledonia, and Western Samoa.

## HABITAT

On bark (*Coriaria* sp., *Dacrycarpus*), lowland and coastal (Galloway 2007). Recently observed on common alder (*\*Alnus glutinosa*) next to the Waikatō River (Hutchison 2022).

## DETAILED DESCRIPTION

**Thallus** creamish-white, thick, rugose, corticolous. **Lirellae** flexuous, branching, simple to stellate, 0.5–3.0 × 0.3 mm, thalline margin thin to lacking, proper exciple prominent, open, the disc dark, sometimes pruinose, base open, brown. **Ascospores** 6–8 per ascus, 4-locular, 18–21 × 7–10 µm, walls thick, brown.

**Chemistry:** TLC–, all reactions negative.

## SUBSTRATE

Corticolous

## ATTRIBUTION

Fact sheet prepared by Melissa Hutchison (15 June 2023). Brief description, Distribution, Habitat, and Features sections copied from Galloway (1985, 2007).



On common alder (*Alnus glutinosa*), next to Waikatō River. Photographer: Melissa Hutchison, Date taken: 24/02/2022, Licence: CC BY-NC.



On common alder (*Alnus glutinosa*), next to Waikatō River. Photographer: Melissa Hutchison, Date taken: 24/02/2022, Licence: CC BY-NC.

## 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.
- Hutchison M. 2022: iNaturalist observation. <https://inaturalist.nz/observations/109993809>. Date accessed: 15 June 2023.

## MORE INFORMATION

<https://www.nzpcn.org.nz/flora/species/phaeographis-inusta/>