

Gabura fascicularis var. fascicularis

COMMON NAME

Jelly lichen

SYNONYMS

Arctomia fascicularis, Collema fasciculare var. fasciculare

FAMILY

Arctomiaceae

AUTHORITY

Gabura fascicularis (L.) P. M.Jørg var. fascicularis

FLORA CATEGORY

Lichen – Native

ENDEMIC TAXON

No

ENDEMIC GENUS

No

ENDEMIC FAMILY

No

STRUCTURAL CLASS

Lichens - Fruticose

CURRENT CONSERVATION STATUS

2018 | Data Deficient | Qualifiers: SO

BRIEF DESCRIPTION

Two additional varieties are recognised in New Zealand and require further investigation.

DISTRIBUTION

North Island: **South Island:** Northland to Southland.

Known also from Scandinavia, Europe, Great Britain, Greece, East Africa, South Africa, Indonesia, Japn, United States, Mexico, Chile and Australia.

HABITAT

Sea level to subalpine, most common in mixed rainforest and *Fuscospora* forests.

DETAILED DESCRIPTION

Thallus small to medium, 1-4 cm diam., to 1 cm deep, very swollen and much larger when moist, subcrustaceous to crustaceous or subfoliose, rounded or irregular, pulvinate to rather flattened, often \pm globular and easily loosening when moist, usually not continuous, but variously fenestrate, in parts thin, membranous and smooth, in parts markedly rugose with dense, coarse, irregular wrinkles, or rugose-folded, distinctly to \pm indistinctly lobate, dark olive-green to brownish or blackish, paler when moist, epruinose, without isidia. **Lobes** when distinct rather variable, \pm broad, flattened, imbricate and adnate, sometimes distinctly lobulate with short lobules, margin thin somewhat swollen, \pm entire. **Apothecia** numerous, dense, often crowded, rounded, flattened, sessile on thalline wrinkles, constricted at base, 0.8-2 mm diam., disc \pm plane, dark red to red-brown or pale brown, matt, smooth, epruinose, thalline margin thick, prominent, rugose or granular, persistent, or thin and not prominent and \pm disappearing, concolorous with thallus. **Ascospores** 6-8 per ascus, monostichous and imbricate or twisted, \pm straight forming a bundle, vermiform, 10-17-celled, $52-95 \times 4.5-5(-6.5) \mu\text{m}$.

SUBSTRATE

Corticolous.



Photographer: Marley Ford, Licence: CC BY-NC.



Photographer: Marley Ford, Licence: CC BY-NC.

ATTRIBUTION

Fact sheet prepared by Marley Ford (5 August 2021). Brief description, Distribution, Habitat, and Features sections copied from Galloway (1985) & Galloway (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/gabura-fascicularis-var-fascicularis/>