

Buellia cranwelliae

FAMILY

Caliciaceae

AUTHORITY

Buellia cranwelliae Zahlbr.

FLORA CATEGORY

Lichen – Native

ENDEMIC TAXON

No

ENDEMIC GENUS

No

ENDEMIC FAMILY

No

STRUCTURAL CLASS

Lichens - Crustose

CURRENT CONSERVATION STATUS

2018 | At Risk – Naturally Uncommon | Qualifiers: RR, S?O, Sp

BRIEF DESCRIPTION

Characterised by the saxicolous habit (coastal rocks); the grey-white, areolate thallus; innate to sessile, scattered, black apothecia; a brown-black hypothecium; and biseriate, brown, ellipsoidal to oval or fabiform ascospores, 11–13 × 5–6 µm.

DISTRIBUTION

North Island: Northland (Hokianga, Anawhata), Auckland (Rangitoto Island). **South Island:** Canterbury (Banks Peninsula).
Norfolk Island (Elix 2016).

HABITAT

On coastal rocks

DETAILED DESCRIPTION

Thallus white or grey-white irregularly rimose to areolate-cracked, areolae angular, convex or ± plane, 0.3-1.0 mm diam., separated by deep cracks, surface matt, roughened, areolae becoming ± confluent and forming a subverrucose crust, in patches 0.5-1.5 cm diam., prothallus marginal, indistinct, saxicolous. **Apothecia** innate to sessile, scattered, between or at margins of areolae, solitary to 1-3-confluent, rounded to deformed through mutual pressure, 0.3 mm diam., **disc** plane, black, epruinose, margin very thin, entire, persistent, concolorous with disc. **Hypothecium** brown-black. **Ascospores** biseriate, brown, ellipsoid or oval to ± fabiform, apices rounded, 11-13 × 5-6 µm.

SUBSTRATE

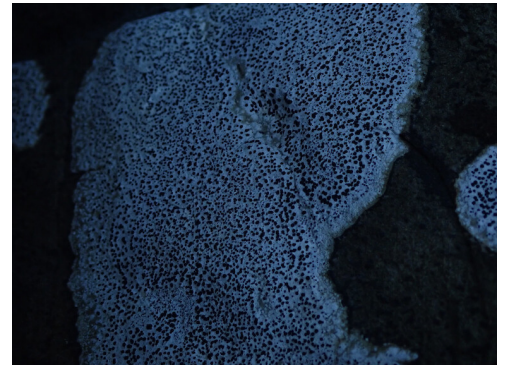
Saxicolous

ATTRIBUTION

Fact sheet prepared by Marley Ford (4 March 2024). Brief description, Distribution, Habitat, Features and Similar taxa sections copied from Galloway (1985) & Galloway (2007).



On coastal concretions, Hokianga Far North.
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On coastal concretions, Hokianga Far North.
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REFERENCES AND FURTHER READING

- Elix J.A. 2016: New species and new records of buellioid lichens from islands of the South Pacific Ocean. *Telopea* 19: 1-10.
- 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/buellia-cranwelliae/>