

# Ourisia crosbyi

## COMMON NAMES

Crosby's mountain foxglove

## SYNONYMS

*Ourisia macphersonii* Cockayne et Allan

## FAMILY

Plantaginaceae

## AUTHORITY

*Ourisia crosbyi* Cockayne

## FLORA CATEGORY

Vascular – Native

## ENDEMIC TAXON

Yes

## ENDEMIC GENUS

No

## ENDEMIC FAMILY

No

## STRUCTURAL CLASS

Herbs - Dicotyledons other than Composites

## NVS CODE

OURCRO

## CHROMOSOME NUMBER

2n = 48

## CURRENT CONSERVATION STATUS

2017 | Not Threatened

## PREVIOUS CONSERVATION STATUSES

2012 | Not Threatened

2009 | Not Threatened

2004 | Not Threatened

## DISTRIBUTION

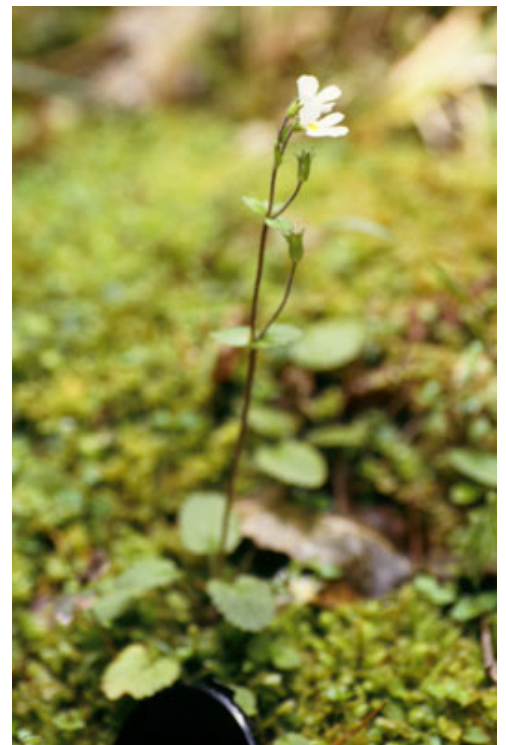
Endemic. South Island, mainly in the south-west from Westland through Fiordland to Southland. Also on Stewart Island.

## HABITAT

Coastal to montane (up to 1050 m a.s.l.) in favouring well-lit areas on the forest floor; or along stream-sides, near waterfalls and on rock slides. In the South Island, mainly in beech (*Fuscospora* spp., *Lophozonia menziesii*) forest.



Ourisia. Photographer: Heidi Meudt, Licence: All rights reserved.



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## DETAILED DESCRIPTION

Perennial herb 132–490 mm tall, with erect leaves and inflorescences; stems 2.4–11.0 mm diameter, internodes 8.5–12.0 mm long, often obscured by leaves, mostly glabrous. Leaves opposite, along creeping stems, densely packed near growing tip; petiole 5.0–145.0 x 0.6–1.4 mm, sparsely or densely eglandular pilose or villous especially along margins; lamina 14.2–116.0 x 7.8–65.0 mm, narrowly ovate, ovate to broadly ovate, apex acute to subacute, base truncate, rarely cuneate or cordate, margin serrate or serrate-crenate, leaf surfaces, sparsely or densely eglandular pilose near apex (on undersides especially on veins). Inflorescence racemose, 1–40-flowered, 142–490 mm long, bracteate, with 3–6 flowering nodes, 2–12 bracts and 1–12 flowers per node; peduncle 1.2–5.9 mm diameter, densely eglandular pilose. Floral bracts up to 13.6–45.1 x 4.0–32.0 mm, sessile sometimes clasping peduncle, lanceolate, narrowly ovate to ovate, margins serrate, upper bracts with further teeth or subentire, eglandular pilose, sometimes only on margins or veins of undersides. Flowers 10.5–20.4 x 8.0–17.0 mm; pedicel 6.3–48.6 mm long, densely eglandular pilose. Calyx 4.2–7.8 x 4.2–9.3 mm, regular, externally and marginally eglandular pubescent, internally mostly glabrous, calyx lobes 4.3–8.1 x 0.6–1.6 mm, posterior all equally divided to base, narrowly lanceolate to lanceolate, apex acute or rounded, prominently 3-veined. Corolla 14.5–19.9 x 14.9–19.5 mm when flattened, bilabiate, tubular-funnelform, white, externally glabrous; tube 4.3–10.7 x 4.1–5.9 mm at apex, 2.4–3.8 mm wide at base, not constricted near base, slightly curved or straight, yellow inside; anterior corolla lobes 6.5–9.9 x 4.7–7.2 at widest point, 2.5–3.3 mm wide at base, posterior corolla lobes 4.3–7.5 x 4.4–7.9 mm wide at widest point, 2.6–2.9 mm wide at base, widely spreading, obcordate or obovate-spathulate, apex emarginate or not. Stamens 4, didynamous; comprising two long stamens 6.7–9.4 mm long, reaching tube opening, and two short stamens 4.5–7.0 mm long; anthers 0.5–1.0 x 0.6–1.2 mm, reniform to horseshoe-shaped; staminode if present c.0.6–0.9 mm long, inserted c.0.3–0.5 mm above base of corolla. Style 4.3–5.4 mm long, straight or angled from base, exserted or flush with tube opening; stigma 0.6–1.1 mm diameter, emarginate; ovary 2.6–3.9 x 1.3–2.3 mm, glabrous. Capsules 4.0–8.2 x 3.0–5.9 mm, glabrous, dehiscence loculicidal. Seeds 0.5–0.9 x 0.2–0.6 mm.

## SIMILAR TAXA

Close to the *Ourisia macrophylla* Hook complex from which *O. crosbyi* differs by the serrated to serrate-crenate rather than crenate to crenate-serrate leaf and bracts, externally glabrous rather than hairy flowers, and densely, long eglandular, rather than densely short, glandular hairy pedicels.

## FLOWERING

December - February

## FLOWER COLOURS

White

## FRUITING

December - March

## PROPAGATION TECHNIQUE

Difficult - should not be removed from the wild

## ETYMOLOGY

**ourisia:** After Ouris, governor of the Falkland Islands

**crosbyi:** After Crosby-Smith

## WHERE TO BUY

Not commercially available

## ATTRIBUTION

Description based on Meudt (2006).

## REFERENCES AND FURTHER READING

Meudt, H.M. 2006: Monograph of *Ourisia* (Plantaginaceae). *Systematic Botany Monographs* 77. 188pp.

## MORE INFORMATION

<https://www.nzpcn.org.nz/flora/species/ourisia-crosbyi/>

## PDF DATE

17 September 2024