

# Pachycladon fastigiatum

## COMMON NAMES

hairless cress

## BIOSTATUS

Native – Endemic taxon

## CURRENT CONSERVATION STATUS

2023 | At Risk – Declining | Qualifiers: DPS, DPT

[Jump to previous conservation statuses](#)

## CATEGORY

Vascular

## STRUCTURAL CLASS

Herbs - Dicotyledons other than Composites

## FLOWER COLOURS

White

## DETAILED DESCRIPTION

Herb with stout base, up to 1.8cm diameter, crowned by dense rosettes of hairless, fleshy leaves. Leaves up to 7cm long, deeply toothed. Flower head, up to 35cm tall, with simple or branched stems. Flowers white, 4-petaled, up to 8mm across. Seed pods narrow, 4cm or more long, 1.5-2mm wide, curved to straight. Seeds 1-1.5mm long.

## SIMILAR TAXA

*P. enysii*, *P. stellatum*. *P. fastigiatum* is hairless, has sharply toothed leaves and tall flower stems. *P. enysii* and *P. stellatum* have hairy leaves. *P. enysii* has short flower stems.

## DISTRIBUTION

South Island: east of Southern Alps, from Marlborough to northern Southland.

## HABITAT

On upland to subalpine rocks of drier interior mountains.

## GENUS

*Pachycladon*

## FAMILY

Brassicaceae

## AUTHORITY

*Pachycladon fastigiatum* (Hook.f.) Heenan et A. Mitch.

## SYNONYMS

*Arabis fastigiata* Hook.f., *Cardamine fastigiata* Hook.f., *Pachycladon elongata* Buchanan, *Notothlaspi hookeri* Buchanan, *Nasturtium fastigiatum* (Hook.f.) Cheeseman, *Cheesemania fastigiata* var. *fastigiata* (Hook.f.) O.E.Schulz, *Cheesemania fastigiata* (Hook.f.) O.E.Schulz, *Cheesemania gibbsii* (Cheeseman) O.E.Schulz

## ENDEMIC TAXON

Yes

## ENDEMIC GENUS

No

## ENDEMIC FAMILY

No



East Ahuriri. Photographer: John Barkla, Licence: CC BY.



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## FLOWERING

December - January

## FRUITING

January - March

## PROPAGATION TECHNIQUE

Difficult and should not be removed from the wild.

## WHERE TO BUY

Not commercially available.

## ETYMOLOGY

**fastigiatum**: Fastigate; from the Latin fastigium; branches lying close together, parallel and erect

## NVS CODE

PACFAS

## PREVIOUS CONSERVATION STATUSES

2017 | Not Threatened | Qualifiers: DP

2012 | Not Threatened

2009 | Not Threatened

2004 | Gradual Decline

[Jump to current conservation status](#)

## REGIONAL CONSERVATION STATUSES

Otago: 2025 | Regionally Data Deficient | Qualifiers: TL Help

The regional threat classification system leverages off the national assessments in the NZTCS, providing information relevant for the regional context. Otago conservation status information is sourced from the "[Conservation Status of Indigenous Vascular Plants in Otago, 2025](#)" Jarvie S et al. (2025) report.

## REFERENCES AND FURTHER READING

Allan HH. 1961. Flora of New Zealand, Volume I. Indigenous Tracheophyta: Psilopsida, Lycopsidea, Filicopsida, Gymnospermae, Dicotyledones. Government Printer, Wellington, NZ. 1085 p.

## ATTRIBUTION

Fact Sheet prepared for NZPCN by P.J. de Lange 1 August 2003. Description based on Allan (1961) - as *Cheesemanina fastigiata*

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## NZPCN FACT SHEET CITATION

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<https://www.nzpcn.org.nz/flora/species/pachycladon-fastigiatum/> (Date website was queried)

## MORE INFORMATION

<https://www.nzpcn.org.nz/flora/species/pachycladon-fastigiatum/>

## PDF DATE

27 May 2026