

# Pachycladon fastigiatum

## COMMON NAME

hairless cress

## 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

## FAMILY

Brassicaceae

## AUTHORITY

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

## FLORA CATEGORY

Vascular – Native

## ENDEMIC TAXON

Yes

## ENDEMIC GENUS

No

## ENDEMIC FAMILY

No

## STRUCTURAL CLASS

Herbs - Dicotyledons other than Composites

## CURRENT CONSERVATION STATUS

2017 | Not Threatened | Qualifiers: DP

## PREVIOUS CONSERVATION STATUSES

2012 | Not Threatened

2009 | Not Threatened

2004 | Gradual Decline

## DISTRIBUTION

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

## HABITAT

On upland to subalpine rocks of drier interior mountains.

## 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-petalled, 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. ensii*, *P. stellatum*. *P. fastigiatum* is hairless, has sharply toothed leaves and tall flower stems. *P. ensii* and *P. stellatum* have hairy leaves. *P. ensii* has short flower stems.

## FLOWERING

December - January

## FLOWER COLOURS

White



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



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

## FRUITING

January - March

## PROPAGATION TECHNIQUE

Difficult and should not be removed from the wild.

## ETYMOLOGY

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

## WHERE TO BUY

Not commercially available.

## ATTRIBUTION

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

## REFERENCES AND FURTHER READING

Allan, H.H. 1961: Flora of New Zealand. Vol. I. Wellington, Government Printer

## NZPCN FACT SHEET CITATION

Please cite as: de Lange, P.J. (Year at time of access): *Pachycladon fastigiatum* Fact Sheet (content continuously updated). New Zealand Plant Conservation Network.

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

## MORE INFORMATION

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