

# Pseudopanax macintyreii

## COMMON NAME

MacIntyres panax

## SYNONYMS

Nothopanax macintyreii Cheeseman, Neopanax macintyreii (Cheeseman)  
Wardle

## FAMILY

Araliaceae

## AUTHORITY

Pseudopanax macintyreii (Cheeseman) Frodin

## FLORA CATEGORY

Vascular – Native

## ENDEMIC TAXON

Yes

## ENDEMIC GENUS

Yes

## ENDEMIC FAMILY

No

## STRUCTURAL CLASS

Trees & Shrubs - Dicotyledons

## NVS CODE

PSEMAC

## CHROMOSOME NUMBER

2n = 48

## CURRENT CONSERVATION STATUS

2017 | At Risk – Naturally Uncommon | Qualifiers: DP, RR, Sp

## PREVIOUS CONSERVATION STATUSES

2012 | At Risk – Naturally Uncommon | Qualifiers: RR, Sp

2009 | At Risk – Naturally Uncommon

2004 | Sparse

## BRIEF DESCRIPTION

Small dark green shrub inhabiting limestone in the north-western South Island

## DISTRIBUTION

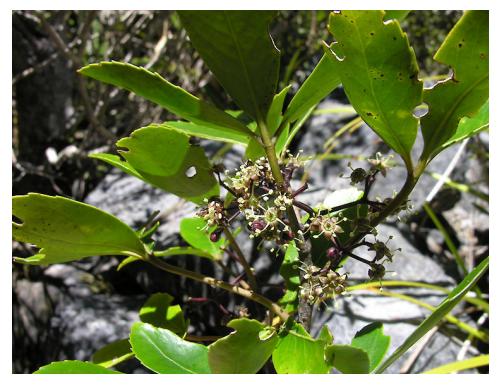
Endemic. South Island from north-west Nelson to just north of Greymouth

## HABITAT

Coastal to montane in shrubland and low, often successional forest overlying limestone, marble or dolomitic marble rock outcrops.



Close up of *Pseudopanax macintyreii* foliage.  
Photographer: John Smith-Dodsworth, Licence:  
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Flowers, Mt Burnett, Golden Bay. Photographer:  
Simon Walls, Date taken: 01/11/2007, Licence:  
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## DETAILED DESCRIPTION

?Dioecious shrub or small tree up to 5 x 5 m, crown broad, spreading, branches numerous arising from rootstock or from small, stout trunk up 0.3 m d.b.h.; branches initially ascending but soon spreading, sparingly branched toward main branch apices. Bark initially purplish-brown, fading to pale brown and maturing grey. All parts glabrous or arely glabrescent. Petioles stout 20-100 mm long, stipulately sheathing at base. Leaves 3-3(-5)-foliolate, petiolules 5-9 mm long; leaflets 30-80 x 15-25(-30) mm, dull dark green (darker above paler beneath), elliptic-oblong to ovate-oblong, narrowed to base, acute at apex, margin sharply serrated, veins indistinct above scarcely discernible below, midrib raised on both surfaces 1.5-2 mm wide. Umbels mostly terminal or near tips of subterminal branches, compound, seemingly unisexual; primary rays (3-)4-8, widely spreading, 30-60 mm long; secondary rays 6-15, 5-10 mm long, slender, umbellules 6-10-flowered, pedicels 1.5-4 mm long, slender. Staminate with slightly more rays than pistillate, dark green to brown-green, stamens 5-6, spreading; ovary 2-locular, styles 2, fused at base otherwise spreading. Fruit 3-6 mm diameter, broadly ovoid to orbicular or ellipsoid, longitudinally compressed, fleshy, purple-black when ripe.

## SIMILAR TAXA

Could be confused with *P. arboreus* (Murray) Philipson and *P. colensoi* var. *ternatus* with which it sometimes grows. It differs from both by its restriction to calcareous substrates. From *P. arboreus* it differs by its much smaller stature, smaller leaves, narrower, consistently dark green, deeply serrated leaflets, fewer more gracile umbels that are more strictly terminal, fewer umbellules, smaller flowers and fruits. From *P. colensoi* var. *ternatus* it differs by its much smaller stature, much smaller leaves that are 3-5-foliolate rather than consistently 3-foliolate, narrower more deeply serrated leaflets, smaller umbels, umbellules, flowers and fruits.

## FLOWERING

June - September

## FLOWER COLOURS

Brown, Green

## FRUITING

August - March

## PROPAGATION TECHNIQUE

Easily grown from fresh seed and semi-hardwood cuttings. An attractive small tree which prefers full sun, and a permanently moist, free draining, fertile soil. Enriching the soil with lime is advisable.

## THREATS

At times a locally common component of coastal to montane karstfield, this species seems to be a naturally rather localised, usually biologically sparse western South Island endemic. There is no clear evidence that it has declined in any part of its range, and indeed because it is still poorly known it may even have a wider range than is currently recognised.

## ETYMOLOGY

**pseudopanax:** False cure

## ATTRIBUTION

Fact sheet prepared by P.J. de Lange for NZPCN (1 June 2013)

## NZPCN FACT SHEET CITATION

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

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

## MORE INFORMATION

<https://www.nzpcn.org.nz/flora/species/pseudopanax-macintyreii/>