

# Brachyglottis greyi

## BIOSTATUS

Native – Endemic taxon

## CURRENT CONSERVATION STATUS

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

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## CATEGORY

Vascular

## STRUCTURAL CLASS

Trees & Shrubs - Dicotyledons

## SIMPLIFIED DESCRIPTION

Rare small grey-green shrub inhabiting rocky sites of the southern North Island. Leaves few, 4-8cm long, oblong, with a blunt base joined to the leaf stalk, grey-green, white woolly underneath. Flowers with radiating yellow petals, in loose clusters.

## FLOWER COLOURS

Yellow

## DETAILED DESCRIPTION

Spreading shrub up to approximately 2 m tall, with stout branches. Branchlets and petioles densely clad in soft white tomentum. Leaves rather distant; lamina 40-80 × 25-45 mm, coriaceous, oblong to ovate-oblong, obtuse, rounded to obliquely shallowly cordate at base, entire to shallowly sinuate; upper surface of very young leaves white-tomentose, of mature leaves glabrous and shining except on margins; lower surface densely clad in soft white tomentum, midrib prominent; petiole 15-40 mm long, rather stout, channelled above. Inflorescence of numerous terminal bracted branches; branchlets and pedicels densely glandular-pubescent, bracts foliaceous. Capitula up to 30 mm diameter, in large corymbs; phyllaries 12-16, lanceolate-oblong, acute to subacute, glandular-pubescent on back. Ray-florets approximately 15; ligules bright yellow, broad, spreading, approximately 10 mm long; achenes approximately 1.5 mm long, narrow-oblong, grooved, densely to sparsely scabridulous; pappus-hairs rather scanty, up to 4 mm long, slender, finely barbellate.

## SIMILAR TAXA

*B. compacta* geographically these species do not overlap.

## DISTRIBUTION

Endemic. Confined to the southern North Island from near Flat Point south to the mouth of the Orongorongo River.

## HABITAT

Primarily a coastal species of rock outcrops and bluffs but may extend inland up river gorges and in suitably exposed bluff habitats

## GENUS

Brachyglottis

## FAMILY

Asteraceae

## AUTHORITY

*Brachyglottis greyi* (Hook.f.) B.Nord.



Cape Palliser. Photographer: John Sawyer, Date taken: 01/03/2008, Licence: CC BY-NC.



In cultivation. Photographer: Jeremy R. Rolfe, Date taken: 25/12/2005, Licence: CC BY.

## SYNONYMS

Senecio greyi Hook.f.

## ENDEMIC TAXON

Yes

## ENDEMIC GENUS

No

## ENDEMIC FAMILY

No

## FLOWERING

December-March

## FRUITING

December-April (-July)

## LIFE CYCLE AND DISPERSAL

Pappate achenes are dispersed by wind (Thorsen et al., 2009).

## PROPAGATION TECHNIQUE

Very easy from fresh seed or semi-hardwood cuttings. Layers readily as well. Will hybridise with most other *Brachyglottis*, so if pure seed is wanted plant specimens well away from other species in this genus

## CULTIVATION

Occasionally offered by specialist native plant nurseries. Most plants sold under this name are hybrids with either *B. compacta* or *B. repanda*.

Several hybrid groups of similar looking plants are sold in commercial nurseries under the names *Brachyglottis* 'Sunshine' and *B. 'Otari Cloud'*.

## ETYMOLOGY

**brachyglottis**: Name comes from the Greek words *brachus* meaning "short" and *glottis* meaning "the vocal apparatus of the larynx"

## NVS CODE

BRAGRE

## CHROMOSOME NUMBER

2n = 60

## PREVIOUS CONSERVATION STATUSES

2017 | At Risk – Naturally Uncommon | Qualifiers: Sp

2012 | At Risk – Naturally Uncommon | Qualifiers: Sp

2009 | At Risk – Naturally Uncommon

2004 | Not Threatened

[Jump to current conservation status](#)

## REFERENCES AND FURTHER READING

Allan, H. H. 1961. *Flora of New Zealand*. Vol. 1. Wellington: Government Printer. pg. 751.

Thorsen, M. J.; Dickinson, K. J. M.; Seddon, P. J. 2009. Seed dispersal systems in the New Zealand flora. *Perspectives in Plant Ecology, Evolution and Systematics* 2009 Vol. 11 No. 4 pp. 285-309

## ATTRIBUTION

Description adapted by M. Ward from Allan (1961).

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## MORE INFORMATION

<https://www.nzpcn.org.nz/flora/species/brachyglottis-greyi/>

