

Glossostigma cleistanthum

COMMON NAMES

mudmat

BIOSTATUS

Native

CURRENT CONSERVATION STATUS

2023 | Not Threatened | Qualifiers: DPS, DPT, SO

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CATEGORY

Vascular

STRUCTURAL CLASS

Herbs - Dicotyledons other than Composites

FLOWER COLOURS

Green, White

GENUS

Glossostigma

FAMILY

Phrymaceae

AUTHORITY

Glossostigma cleistanthum W.R.Barker

ENDEMIC TAXON

No

ENDEMIC GENUS

No

ENDEMIC FAMILY

No

LIFE CYCLE AND DISPERSAL

Seeds dispersed by ballistic projection, wind and water (Thorsen et al., 2009)

WETLAND PLANT INDICATOR STATUS RATING

OBL: Obligate Wetland

Almost always is a hydrophyte, rarely in uplands (non-wetlands).

ETYMOLOGY

glossostigma: Tongue-shaped stigma

cleistanthum: Referring to the cleistogamous flowers. Cleistogamous flowers are those which do not open and which are self-pollinated in the bud

CHROMOSOME NUMBER

$2n = 50$

PREVIOUS CONSERVATION STATUSES

2017 | Not Threatened | Qualifiers: DP, SO

2012 | Not Threatened

2009 | Not Threatened

2004 | Not Threatened

[Jump to current conservation status](#)



Twizel; with Riccia cavernosa, Myriophyllum propinquum, Limosella lineata; 1 flower bud.
Photographer: Peter J de Lange, Date taken: 24/02/2016, Licence: CC BY-NC.



Position of flowers on the underside of the stem; Molesworth Recreation Reserve.
Photographer: Jane Gosden, Date taken: 29/01/2024, Licence: CC BY-NC-SA.

REGIONAL CONSERVATION STATUSES

Auckland: 2025 | Regionally Data Deficient | Qualifiers: DPS, DPT Help

The regional threat classification system leverages off the national assessments in the NZTCS, providing information relevant for the regional context. Auckland conservation status information is sourced from the "Conservation status of vascular plant species in Tāmaki Makaurau / Auckland" Simpkins E et al. (2025) report.

Otago: 2025 | Regionally Data Deficient 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

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* 11: 285-309

MORE INFORMATION

<https://www.nzpcn.org.nz/flora/species/glossostigma-cleistanthum/>

PDF DATE

27 May 2026