

Geniostoma ligustrifolium var. ligustrifolium

COMMON NAME

hangehange

SYNONYMS

Geniostoma rupestre var. ligustrifolium (A.Cunn.) B.J.Conn

FAMILY

Loganiaceae

AUTHORITY

Geniostoma ligustrifolium A.Cunn. var. ligustrifolium

FLORA CATEGORY

Vascular – Native

ENDEMIC TAXON

Yes

ENDEMIC GENUS

No

ENDEMIC FAMILY

No

STRUCTURAL CLASS

Trees & Shrubs - Dicotyledons

CHROMOSOME NUMBER

2n = 40

CURRENT CONSERVATION STATUS

2017 | Not Threatened

PREVIOUS CONSERVATION STATUSES

2012 | Not Threatened

2009 | Not Threatened

2004 | Not Threatened

BRIEF DESCRIPTION

Shrub bearing pale green pointed leaves that are silvery pale underneath. Leaves thin, 5-7cm long by 2-3cm wide. Flowers small, green, slightly hairy, in clusters at base of leaf. Fruit a dry capsule splitting in two to showing the small orange seeds.

WETLAND PLANT INDICATOR STATUS RATING

FACU: Facultative Upland

Occasionally is a hydrophyte but usually occurs in uplands (non-wetlands).

FLOWER COLOURS

Green, White

LIFE CYCLE

Seeds are dispersed by frugivory (Thorsen et al., 2009).

ETYMOLOGY

geniostoma: The tribe with pitted seed

ligustrifolium: From the genus Ligustrum privet and the Greek word phylum 'leaf', meaning privet-leaved



Hangehange. Photographer: Wayne Bennett, Licence: CC BY-NC.



Picture of capsule. Photographer: Wayne Bennett, Licence: CC BY-NC.

NOTES ON TAXONOMY

The decision by Conn (1987) to treat the *Geniostoma ligustrifolium* as a variety of *G. rupestre* J.R.Forst. et G.Forst. does not accurately reflect the situation in this country. *G. ligustrifolium* var. *ligustrifolium* is sympatric with var. *crassum* (also treated as *G. rupestre* var. *crassum* by Conn in Connor & Edgar (1987)) on the Surville Cliffs and with var. *majus* (treated by Conn (1980) as a synonym of *G. rupestre* var. *ligustrifolium*) on the Three Kings Islands. In these locations occasional hybrids occur but otherwise the three taxa remain distinct (see Murray & de Lange 1999). Therefore the NZPCN follow Murray & de Lange (1999) and prefer to regard all three taxa as distinct from each other and *G. rupestre*.

REFERENCES AND FURTHER READING

- Conn, B.J. 1980: A taxonomic revision of *Geniostoma* subg. *Geniostoma* (Loganiaceae). *Blumea* 26: 245–364.
- Connor, H.E.; Edgar, E. 1987: Name changes in the indigenous New Zealand flora, 1960–1986 and Nomina Nova IV, 1983–1986. *New Zealand Journal of Botany* 25: 115–170.
- Murray, B.G.; de Lange, P. J. 1999: Contributions to a chromosome atlas of the New Zealand flora - 35. Miscellaneous families. *New Zealand Journal of Botany* 37: 511–521
- 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/geniostoma-ligustrifolium-var-ligustrifolium/>