

Gonocarpus aggregatus

SYNONYMS

Haloragis aggregata Buchanan, Gonocarpus depressus A.Cunn., Haloragis bibracteolata Colenso, Haloragis depressa sensu (A.Cunn.) Walp., Haloragis depressa var. aggregata (Buchanan) Kirk, Haloragis depressa var. spicata (Petrie) Schindler, Haloragis depressa var. uniflora (Kirk) Cheesem., Haloragis spicata Petrie, Haloragis uniflora Kirk, Haloragis uniflora var. bibracteolata (Col.) Schindler

FAMILY

Haloragaceae

AUTHORITY

Gonocarpus aggregatus (Buchanan) Orchard

FLORA CATEGORY

Vascular – Native

ENDEMIC TAXON

Yes

ENDEMIC GENUS

No

ENDEMIC FAMILY

No

STRUCTURAL CLASS

Herbs - Dicotyledons other than Composites

NVS CODE

GONAGG

CHROMOSOME NUMBER

2n = 24

CURRENT CONSERVATION STATUS

2017 | Not Threatened

PREVIOUS CONSERVATION STATUSES

2012 | Not Threatened

2009 | Not Threatened

2004 | Not Threatened

WETLAND PLANT INDICATOR STATUS RATING

FACU: Facultative Upland

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

SIMILAR TAXA

The NZ species in the genus *Gonocarpus* can be distinguished by:

G. montanus: primary floral bracts opposite (at least in lower part of flower), fruit 8-ribbed (with 2-3 calluses between ribs), leaves opposite, appressed hairs on young parts, sparsely so on base of midvein on underside of leaf;

G. aggregatus similar but fruits 4-8 ribbed (and without calluses), leaves hairy on both surfaces;

G. incanus: primary floral bracts alternate throughout, fruit +/- ovoid, 8-ribbed with 2-3 calluses between ribs, stems with appressed hairs;

G. micranthus similar but primary bracts are deciduous, stems are glabrous, and fruit is nodding and without the calluses between ribs.

Adapted from A.E. Orchard (1975).



Waimakariri river. January. Photographer: John Smith-Dodsworth, Licence: CC BY-NC.



Gonocarpus aggregatus. Photographer: John Smith-Dodsworth, Licence: CC BY-NC.

LIFE CYCLE

Fruit are wind dispersed (Thorsen et al., 2009)

ETYMOLOGY

gonocarpus: Angled fruit

aggregatus: From the Latin aggragare 'to flock together or cluster'

REFERENCES AND FURTHER READING

Orchard A.E. 1975: Taxonomic revisions in the Family Haloragaceae. *Bulletin of the Auckland Institute and Museum* 10.

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/gonocarpus-aggregatus/>