



Plants for which Lake Wairarapa is an important site.

1/ Cotula maniototo - *Leptinella maniototo*

Lake Wairarapa is the only locality where this species is known to grow in the North Island. It is widespread in the South Island but restricted to a particular habitat requirement.

2/ Crassula (Tillaea) acutifolia - *Crassula ruahanga*

A rare plant which is known only from 2 other sites, in the Carterton district, for the North Island. It is represented by only a few collections from the South Island.

3/ Carex cirrhosa

Has been collected from only 2 other localities in the North Island: Kaweka Lakes, and a lake S.E. of Rotorua. It is only very localised in the South Island.

4/ Pilularia novae-zelandiae

We have a North Island specimen only from Lake Aratiata, Waikato. It is known to grow in Lakes Taupo and Waikaremoana. It is widespread in the South Island.

5/ Hypsela rivalis

Has been collected from only 3 other localities in the North Island: Makirikiri Tarns, Kaweka Lakes and Waikareiti. It is widespread and frequent in the South Island.

6/ Carex buchananii

Has been collected from 8 other localities in the North Island. Three of these records are from over 30 years ago. Widespread in South Island.

7/ Eleocharis pusilla

Has been collected from 6 other localities in the North Island. Three of these records are from over 30 years ago. Local in South Island.

8/ Pratia perpusilla

We have specimens from 11 localities in southern North Island, however only 2 of these records are recent, less than 30 years ago. It is very widespread and frequent in the South Island.

9/ Cotula dispersa - *Leptiella dispersa*

Is represented from 12 localities in the North Island, 5 of which records date from over 30 years ago. It is very localised in the South Island.

10 11 12 Callitriche petriei, Urtica linearifolia and Viola lyallii appear to be frequent in the southern part of the North Island, where well-developed swamps remain. They would be very vulnerable to draining of their sites. They are widespread in the South Island.

APPENDIX I : VASCULAR PLANTS OF L. WAIRARAPA and ITS CONTIGUOUS WETLANDS† (excl. L. Onoke)

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Numbers indicate arbitrary sections of the lake's shore (see columns in list). § marked * are listed for L. Wairarapa by A.P. Druce but have not, so far, been seen in east or south. [4 = J.K. Donald Reserve, but not adjacent shores; 10 = July Is.; but not the contiguous shores]

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† Some sections of the shore have not been examined in detail, and new patterns already apparent are subject to changes when surveys are complete.

- Callitriche petrici* Cp
- Hypsela rivalis* Hr
- Potamogeton perpusilla* Pp
- Urtica linearifolia* U
- Viola gaultii* V
- Carex buchananii* Cb
- Carex cirrhosa* Cc
- Eocharis pusilla* Ep
- Pilularia novae-zelandiae* Pn
- Cotula manicata*
- Cotula dispersa*
- Crassula acutifolia*

