

Poutō Peninsula

Lake Kanono Pond 2 'West Spectacle' (Poutō), NRC Lake No. 377B



Lake Kanono Pond 2 'West Spectacle', 2016.

Summary

Survey date 2016.

Overall ranking

Moderate: Deep pond in pasture, with almost complete fringe of emergent vegetation and well developed submerged vegetation.

Threats

Margins impacted by livestock access; pest introduction is unlikely apart from spread of alligator weed from the East Pond.

Management recommendations

No monitoring.

Description

Lake Kanono Pond 2 'West Spectacle' (1703660E, 5975460N) is ~ 2 ha water body, up to 4 m deep. The catchment is in farmland. There is an ephemeral inlet from East Spectacle Pond that was dry at the time of inspection. Access is through private farmland by permission only.

Wetland vegetation

The pond was almost completely surrounded by *Typha orientalis* growing from the pond edge to 1.2 m deep, with lesser amounts of *Eleocharis sphacelata*, *E. acuta* and *Machaerina articulata*. *Persicaria decipiens* was common on the outer edge of this vegetation, where livestock had prevented tall emergent growth. Turf species such as *Glossostigma elatinoides*, *Myriophyllum propinquum*, *Centella uniflora*, *Cotula coronopifolia*, *Alternanthera nahui* and *Centipeda aotearoana* were found in the areas most impacted by grazing.

Submerged vegetation

Dense charophyte beds extended from the outer edge of the emergent raupo that were dominated by *Chara australis* (to 2 m) and *Nitella* sp. aff. *cristata* to 3 m with scattered plants extending to 3.5 m deep. Amongst this vegetation were scattered *Potamogeton cheesemanii*, *P. crispus*, *Myriophyllum propinquum* and *M. triphyllum*. *Utricularia gibba* was abundant amongst emergent species. *Glossostigma elatinoides* was abundant in the one area where emergent plants did not grow.

LakeSPI

No LakeSPI score was generated.

Water birds

No birds were seen.

Fish

No fish were seen.

Aquatic invertebrates

No invertebrates were seen.

Endangered species

No endangered species were seen.

Lake Ecological Value

The 2016 Lake Ecological Value rating is 7 "Moderate". There was well developed submerged and emergent vegetation recorded.

Threats

Cattle access to the pond is likely to increase nutrient status, pest species may be introduced by diggers or fishing activities.

Management recommendations

No monitoring.