

# NARCOSLI LAKE ECOLOGICAL RESERVE

## PURPOSE STATEMENT

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Approved by:



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## NARCOSLI LAKE ECOLOGICAL RESERVE

### Purpose Statement

Nascoli Lake Ecological Reserve lies in a shallow valley on the Interior Plateau. Lands around its northern end are very flat, while low hills rising to 1,310 m flank the southern portion. Narcosli Lake, about 325 ha in area and 5 km long, is very shallow and divided by a narrows into two basins of approximately equal size. It is the central feature of the reserve, surrounded by a buffer of upland or wetland about 300 m in width. The lake drains northward via a meandering, low-gradient stream into Coglistiko River, a tributary of the West Road (Blackwater) River.

The shallow lake, particularly its northern basin, has extensive submerged communities dominated by pondweeds of the genus *Potamogeton* and by water smartweed. Emergent stands of bulrush are also present. Most of the lake perimeter has a marshy shoreline. By far the most extensive wetland communities occur around the north end of the lake and along its outlet stream. These are dominated by sedges, particularly beaked sedge.

#### **Primary Role**

The **primary** role of Narcosli Lake Ecological Reserve is to protect an excellent staging ground and breeding site for migratory waterfowl.

#### **Secondary Role**

The **secondary** role of Narcosli Lake Ecological Reserve is to protect well developed aquatic plant associations on a large and shallow lake of the interior plateau.

<b>Known Management Issues</b>	<b>Response</b>
Proposed expansion of ecological reserve to the northwest	Work through subregional planning process to expand boundaries to include complete wetlands.
Outfitter camp adjacent to ecological reserve	Work with outfitter to ensure no commercial or consumptive uses in the ecological reserve
Cattle grazing	Ensure fences are maintained to prevent cattle grazing in the ecological reserve.

**CONSERVATION**

**Representation**

- ecosection

Situated in the West Chilcotin Upland and Nazko Uplands ecosections. Approximately 70% of the ecological reserve is in the West Chilcotin Upland Ecosection and 30% in the Nazko Uplands Ecosection. ~761 hectares to the well represented West Chilcotin Upland Ecosection. 13.30% of the West Chilcotin Upland Ecosection is protected, primarily in Itcha Ilgachuz Park. Although Narcosli Lake is 1 of only 3 protected areas contributing to the representation of this ecosection, its contribution is minimal (only 0.29% of overall protected area representation of the ecosection). ~10.91% Nazko Uplands Ecosection is protected in 13 protected areas, including Tweedsmuir, White Pelican, Kluskoil, Nazko, Finger-Tatuk, Entiako, Fraser River and Bobtail parks. Narcosli Lake’s contribution is negligible (only 0.15% of the overall protected area representation of this subzone).

- biogeoclimatic subzone/variant

~89 hectares of MSxv, of which 6.85% is protected in a number of large parks, including Big Creek, Tweedsmuir, Itcha Ilgachuz and Churn Creek. Nascoli Lake’s contribution is minimal (0.1% of the overall protected area representation of this unit)  
 ~656 hectares of SBPSdc, which has 5.41% captured in White Pelican, Kluskoil and Nazko parks. Nascoli Lake’s contribution is minimal (2.9% of the overall protected area representation of this unit)  
 ~338 hectares water

**Special Feature**



**Rare/Endangered Values**

None noted from inventory work completed to date.

**Scientific/Research Opportunities**

Waterfowl

**RECREATION**

**Representation:**

- backcountry  n/a
- destination  n/a
- travel corridor  n/a
- local recreation  n/a

**Special Opportunities**



**Education/Interpretation Opportunities**

**CULTURAL HERITAGE**

**Representation**

**Special Feature**  Nothing noted

**OTHER MANAGEMENT CONSIDERATIONS**

**Other Designations**  n/a

**Relationship to Other PAs**

**Co-operative Management Arrangements**

**Partnerships**

**Vulnerability**  Low. Some grazing by domestic cattle that slip through fences.

**Relationship to Other Strategies**  An expansion to the ecological reserve is being considered through the Caribou-Chilcotin sub-regional planning process.

**Area:** 1,098 ha

**Date of Establishment:** October 9, 1973