



COSEWIC Assessment Summary

Assessment Summary – May 2005

Common name

Prototype Quillwort

Scientific name

Isoetes prototypus

Status

Special Concern

Reason for designation

A regional endemic with almost all of its global population in Canada. The species is an aquatic perennial with very specific habitat requirements limiting its occurrence in Canada to about 12 small, unconnected lakes in Nova Scotia and New Brunswick. The species is found in nutrient-poor, cold, spring-fed lakes. Although several sites have been shown to contain large numbers of plants, one half of the documented sites contain small populations. A wide range of potential limiting factors could impact the species, including changes in water quality, boating and shoreline development.

Occurrence

New Brunswick, Nova Scotia

Status history

Designated Special Concern in May 2005. Assessment based on a new status report.