

North Temperate Lakes Long Term Ecological Research

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Cascade Project at North Temperate Lakes LTER: Phytoplankton 1984 - 1995

Abstract

Data on epilimnetic phytoplankton from 1984-95, determined by light microscopy from pooled Van Dorn samples at 100percent, 50percent, and 25percent of surface irradiance. There have been 4 counters during this period, with the same counter from 1991-95. Standardization among counters is difficult, so I recommend sticking to the 1991-95 data if possible. Cottingham (1996) describes the counting protocols in detail. Sampling Frequency: varies Number of sites: 5

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Site:

[Peter Lake](#)
[Paul Lake](#)
[Tuesday Lake](#)
[East Long Lake](#)
[West Long Lake](#)

Publication Date:

2009-01-01

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Data Tables

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Methods

Methods:

See for detail: Cottingham, K.L., and S.E. Knight. 1995. Effects of grazer size on the response of mesotrophic lakes to experimental enrichment. Water Science and Technology 32(4): 157-163.

Geo Temporal Info



Publication Date: 2009-01-01

Site: [Peter Lake](#)

[Paul Lake](#)

[Tuesday Lake](#)

[East Long Lake](#)

[West Long Lake](#)

Date Range: May 27, 1984 - September 5, 1995

Geographic Description:

<p>Cascade lakes: Peter, Paul, Tuesday, East Long, West Long, UNDERC (University of Notre Dame Environmental Research Center) Vilas County, WI and Gogebic County, MI, USA</p>

North Bound Coordinate: 46.254

South Bound Coordinate: 46.234

East Bound Coordinate: -89.493

West Bound Coordinate: -89.506



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This material is based upon work supported by the National Science Foundation under Cooperative Agreement #DEB-0822700, NTL LTER. Any opinions, findings, conclusions, or recommendations expressed in the material are those of the author(s) and do not necessarily reflect the views of the National Science Foundation.