

Key to File Abbreviations

Samples were collected from Ore Lake as described in file "Methods."

DATE	DD-MMM-YY
TIME	local time in 24-h format
Lat	latitude in decimal degrees N
Long	longitude in decimal degrees W
Secchi	Secchi disk (20 cm) transparency depth, m
PAR	Photosynthetically Active Radiation (400-700 nm), $\mu\text{mol m}^{-2} \text{s}^{-1}$
PAR atten	PAR attenuation, m^{-1}
Chl a	Chlorophyll a, $\mu\text{g/L}$
ZpVTdepth	depth to surface of zooplankton vertical tow, m
No. tows	number of vertical net tows collected and combined
ZpVolume	volume of zooplankton settled by gravity in a graduated 50-ml centrifuge tube, ml
D.O.	dissolved oxygen, mg/L
DO%	dissolved oxygen percent saturation at in situ temperature
K-25	Specific conductance at 25 C, $\mu\text{S/cm}$
ANC	Acid Neutralizing Capacity or titration alkalinity, mEq
Cond	Conductivity at in situ temperature, $\mu\text{S/cm}$
Cloud cover	percent of sky obscured by clouds
Cl	Chloride, mEq
Ca	Calcium, mM
Mg	Magnesium, mM
Ca+Mg	Calcium plus Magnesium, mM
SO4	Sulfate, μM
NH4	Ammonium, μM
NO2	nitrite, μM
NO3	nitrate, μM
NO3+NO2	nitrate plus nitrite, μM
TN	Total nitrogen, both particulate and dissolved, μM
TP	Total phosphorus, both particulate and dissolved, μM
SRP	Soluble reactive phosphate, μM
CDOM FU	Colored dissolved organic matter, fluorescence units
na	data not available

TAXON:

Dp	Daphnia pulicaria
Dm	Daphnia mendotae
Dr	Daphnia retrocurva

LINEAR MEASUREMENT OCULAR UNITS:

Dp, Dm, Dr	eye to base of tail spine
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LENGTH (**L**, mm) TO DRY WEIGHT (**DW**, µg) CONVERSIONS:

Dp: **DW**= $4.333 \times \exp(0.1629/2) \times (L \times 1.069)^{3.1932}$

Dm: **DW**= $10.9317 \times \exp(0.0091/2) \times L^{1.5302}$

Dr: **DW**= $7.5484 \times \exp(0.005/2) \times L^{2.7552}$