

Table 1. Mean Chl *a*, TP, SRP and water temperature for offshore (OS), embayment (EM) and nearshore (NS) sites during the month of mid-July to mid-August 2004 .

Parameter	Mean		
	OS	EM	NS
Chl <i>a</i> (µg/L)	1.11	8.34	2.61
TP (µg/L)	8.83	16.69	10.94
SRP (µg/L)	1.97	3.27	2.04
Water Temp (°C)	15.51	22.58	20.84

Table 2. Comparisons of embayments and nearshore sites May-October, 2004 using paired t-tests on biweekly, log (x+1) transformed average values of zooplankton density and biomass, untransformed average size data, and the proportions of total biomass of zooplankton taxa (i.e. Bosminids, Daphnids, Calanoid copepods, Cyclopoid copepods, "Other" Cladocera, and *Cercopagis pengoi*). Italics indicate $p < 0.05$, bold indicates $p < 0.001$. Mean values based on all Lake Ontario sites and dates.

Parameter	Mean		p-value
	Embayment	Nearshore	
Total zooplankton:			
Density (#/L)	95.26	33.09	3.7E-04
Average Size (mm)	0.49	0.54	0.108
Biomass (µg/L)	150.09	59.89	<i>0.004</i>
Proportion of total biomass:			
Bosminids	0.31	0.22	0.270
Daphnids	0.28	0.21	0.504
Calanoid copepods	0.05	0.12	0.284
Cyclopoid copepods	0.26	0.30	0.711
Other Cladocera	0.07	0.11	0.447
<i>Cercopagis pengoi</i>	0.004	0.02	0.066

Table 3. Comparisons of offshore (OS), nearshore (NS), and embayment (EM) habitats during mid-July to mid-August 2004 using t-tests assuming unequal variance on biweekly, log (x+1) transformed mean values of zooplankton density and biomass, and untransformed average size data. Mean values for each habitat as well as p-values from the pairwise comparisons are stated for total zooplankton density, average size, biomass, and *Cercopagis* biomass. Italicized values are significant at Bonferroni adjusted $\alpha = 0.0167$ ($p = 0.05$), bold values indicate $p < 0.001$.

Parameter	Mean			Pairwise comparisons		
	OS	NS	EM	OS-NS	OS-EM	NS-EM
Total zooplankton:						
Density (#/L)	23.53	53.10	110.70	0.084	<i>0.005</i>	0.070
Average Size (mm)	0.74	0.60	0.55	<i>0.004</i>	3.3E-04	0.298
Biomass (µg/L)	67.63	93.05	217.67	0.469	0.030	0.083
Zooplankton biomass (µg/L):						
Bosminids	3.42	15.68	32.63	0.279	<i>0.015</i>	0.056
Daphnids	30.99	54.42	76.23	0.910	0.039	0.070
Other Cladocera	2.75	3.97	28.32	0.644	0.036	0.055
Calanoid copepods	1.08	0.71	6.03	0.554	0.117	0.087
Cyclopoid copepods	38.24	74.78	143.21	0.440	<i>0.010</i>	0.066
<i>Cercopagis pengoi</i>	3.17	3.97	0.77	0.300	0.030	<i>0.008</i>