

Figure 2. Mean monthly Secchi depth (meters) for all embayment and nearshore sites in Lake Ontario, May - October, 2003 and 2004.

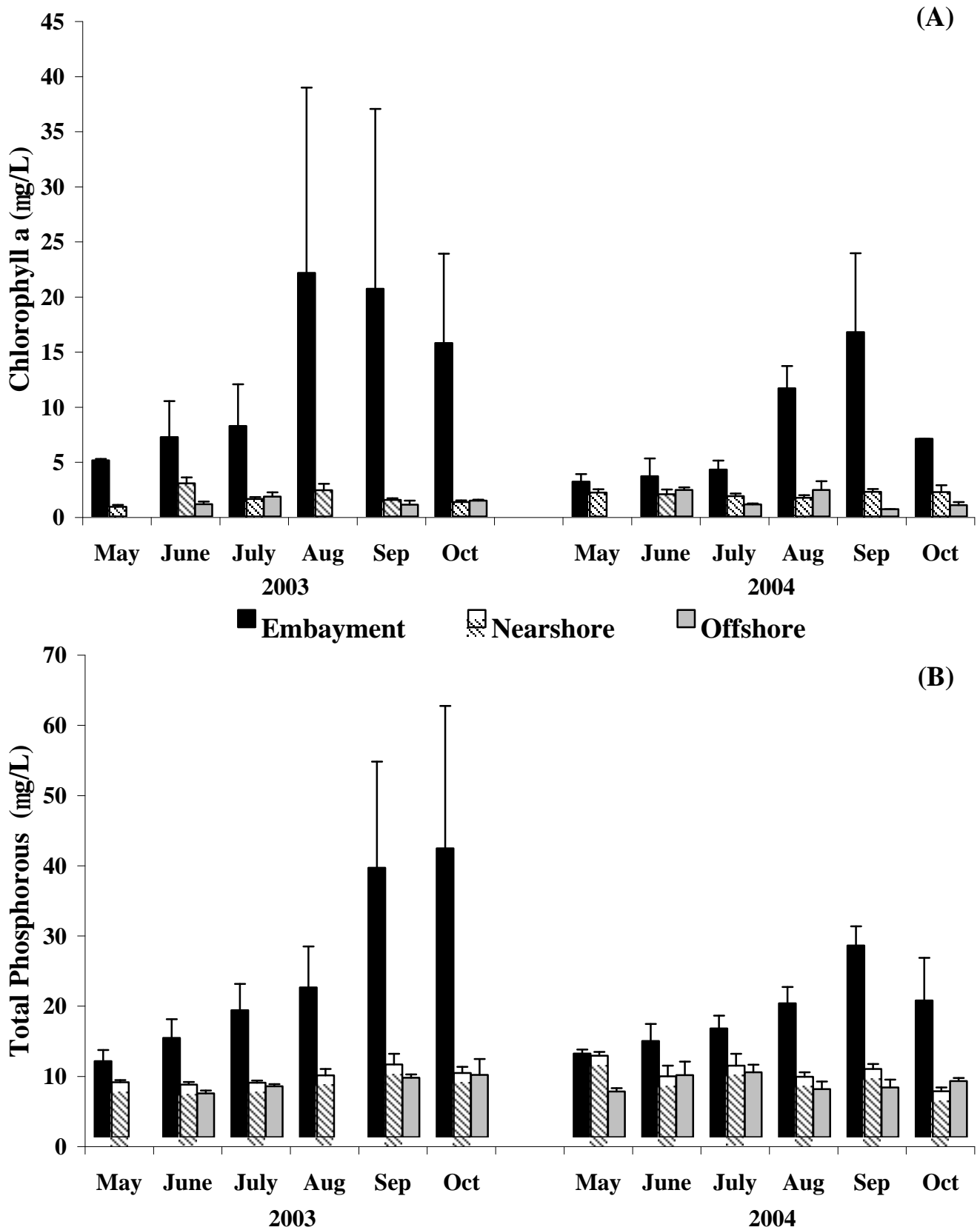


Figure 3. Comparison of mean (+ 1 SE) monthly chlorophyll a ($\mu\text{g/L}$) (A) and total phosphorus ($\mu\text{g/L}$) (B) for embayment, nearshore, and offshore habitats in Lake Ontario, May-October 2003 and 2004.

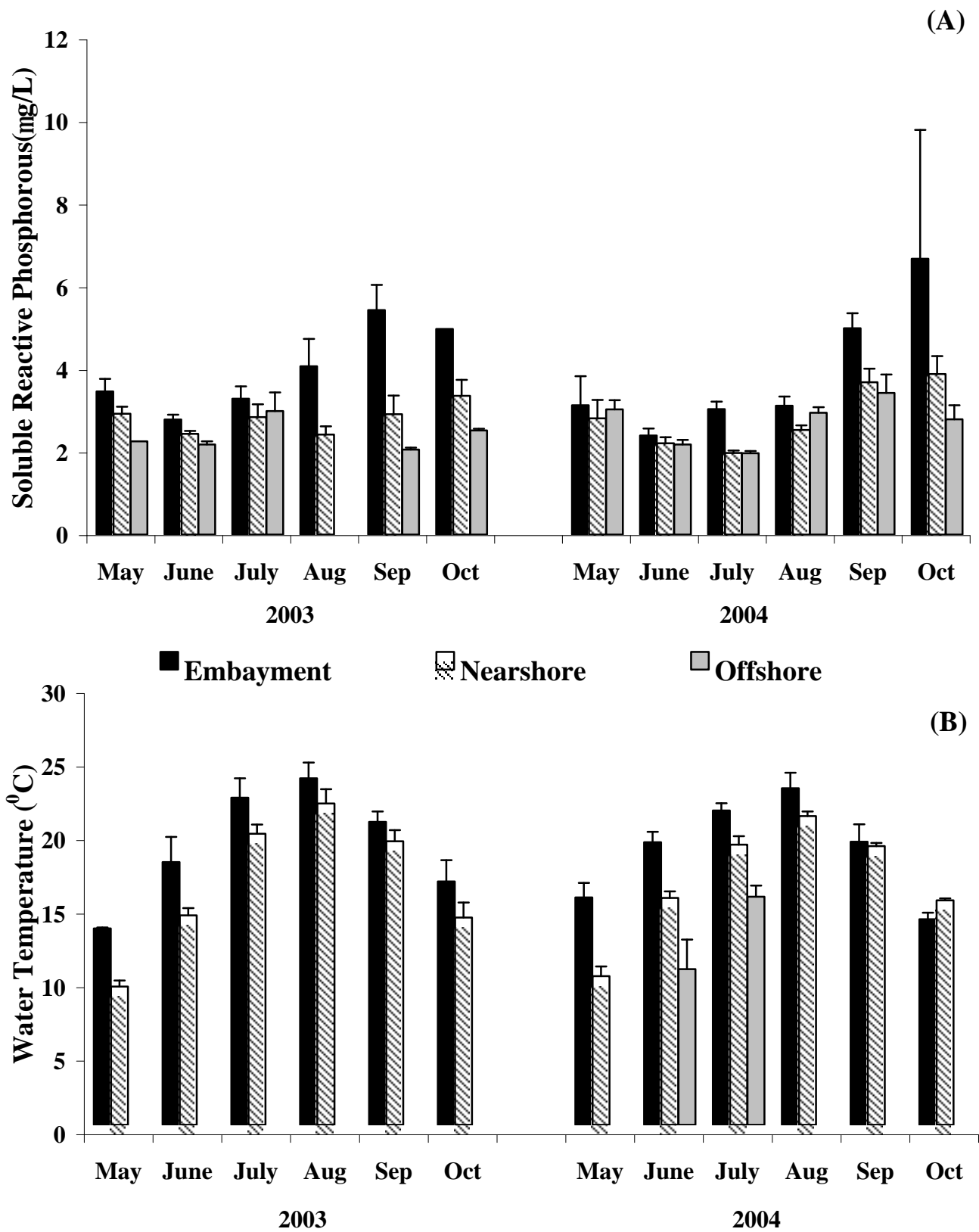


Figure 4. Comparison of mean (+ 1 SE) monthly soluble reactive phosphorus (SRP) concentrations ($\mu\text{g/L}$) (A) and water temperature ($^{\circ}\text{C}$) (B) for embayment, nearshore, and offshore habitats in Lake Ontario, May-October 2003 and 2004.

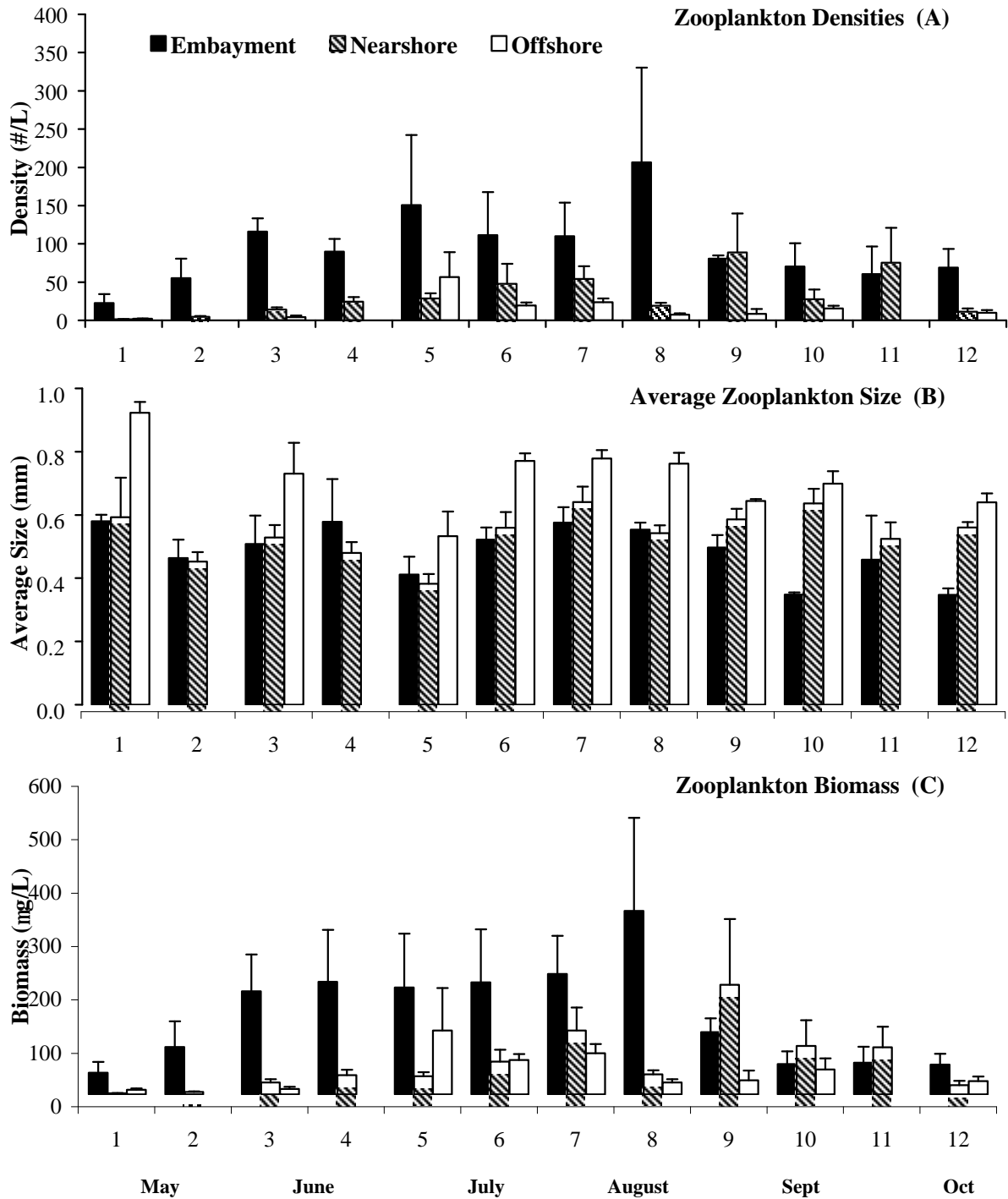


Figure 5. Biweekly means (+ 1SE) of zooplankton densities, sizes, and biomass for May through October 2004 embayment, nearshore, and offshore sites on Lake Ontario. Numbers on x-axis are the designated number of biweekly sampling periods.

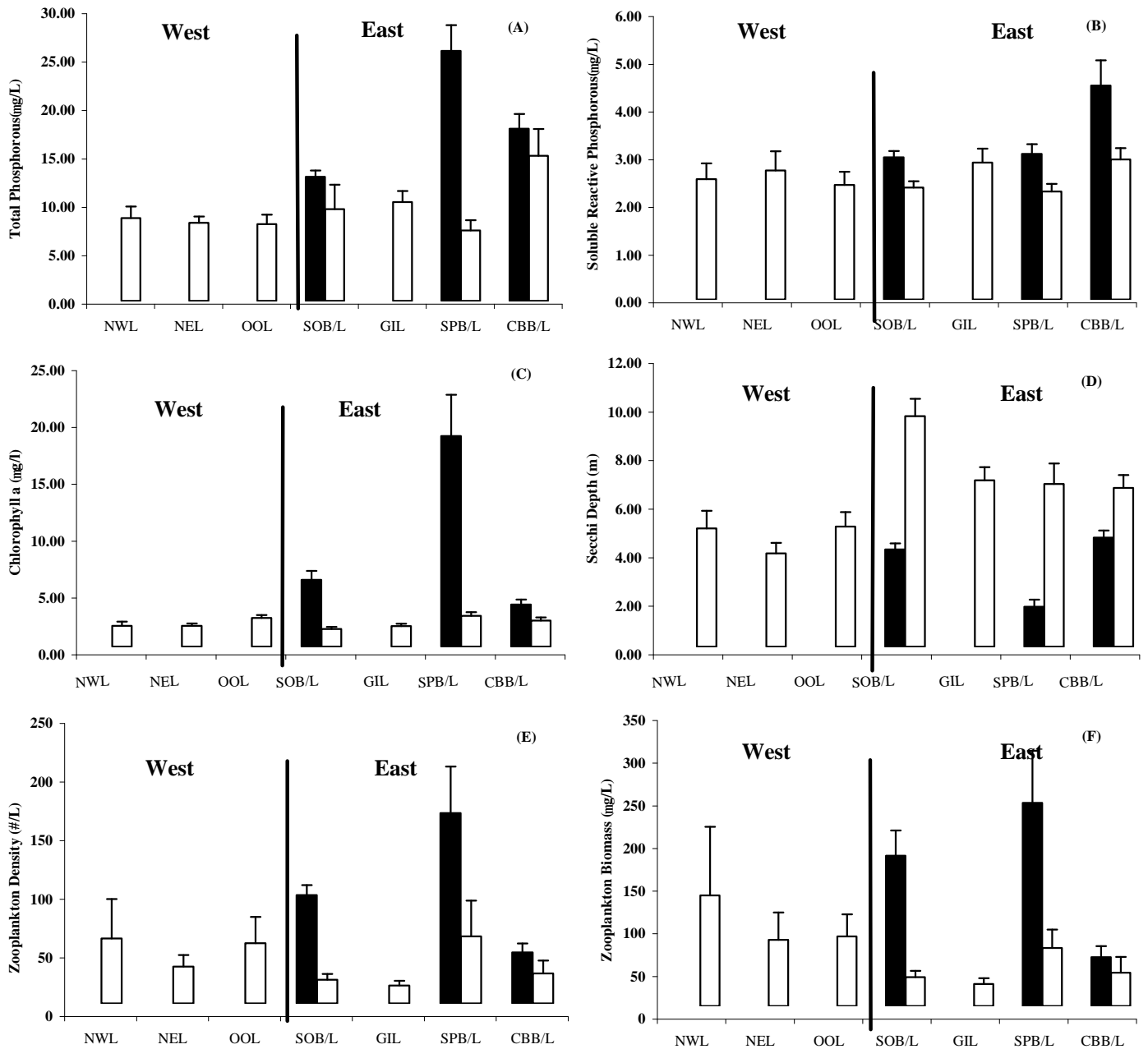


Figure 6. 2004 annual mean TP (A), SRP (B), Chl *a* (C), Secchi depth (D), zooplankton densities (E), and zooplankton biomass (F) at each embayment (solid bars) and nearshore (open bars) location (+1 SE), with west-east dividing line.

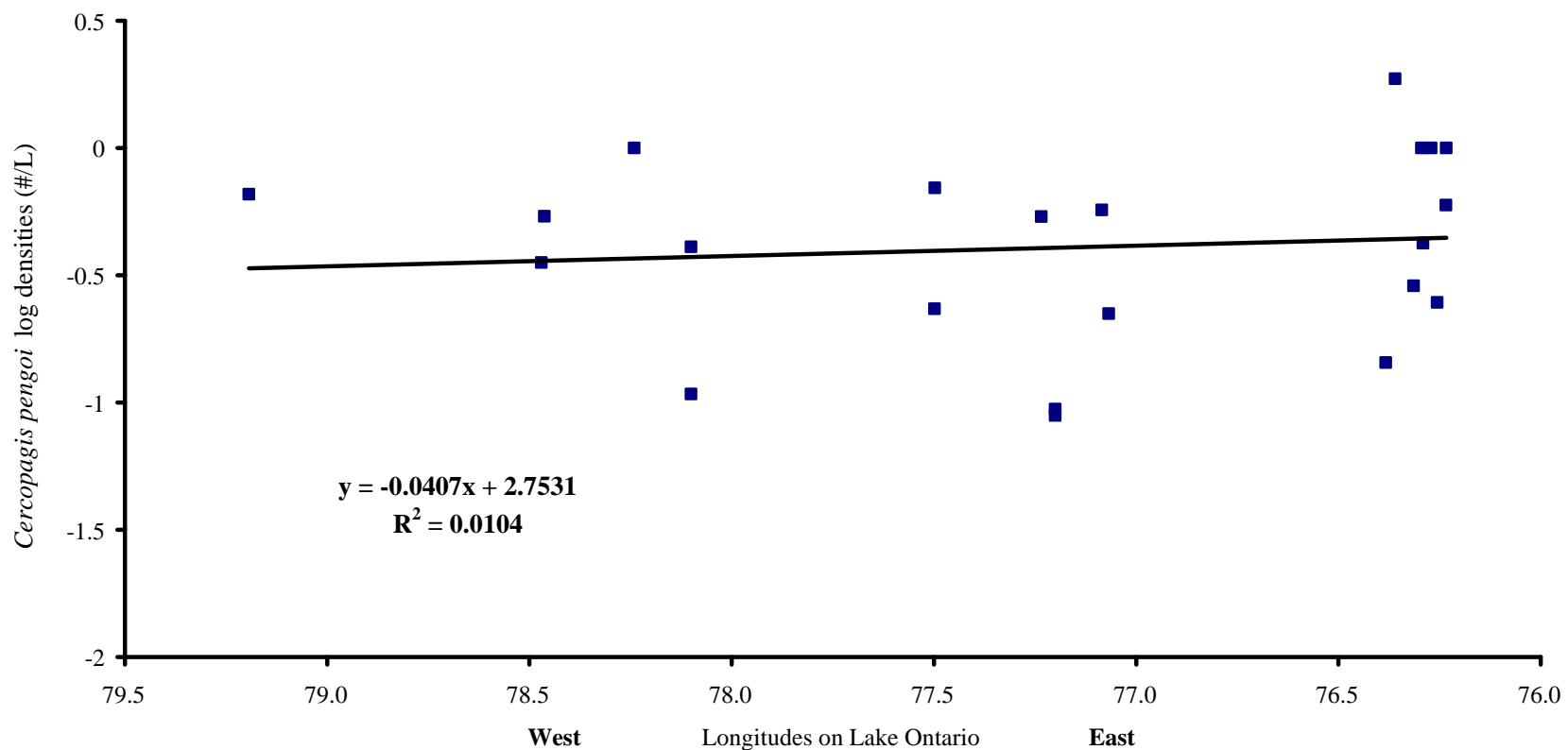


Figure 9. Densities of *Cercopagis pengoi* at different longitudes from West to East in Lake Ontario for offshore sites in late July - early August 2004.

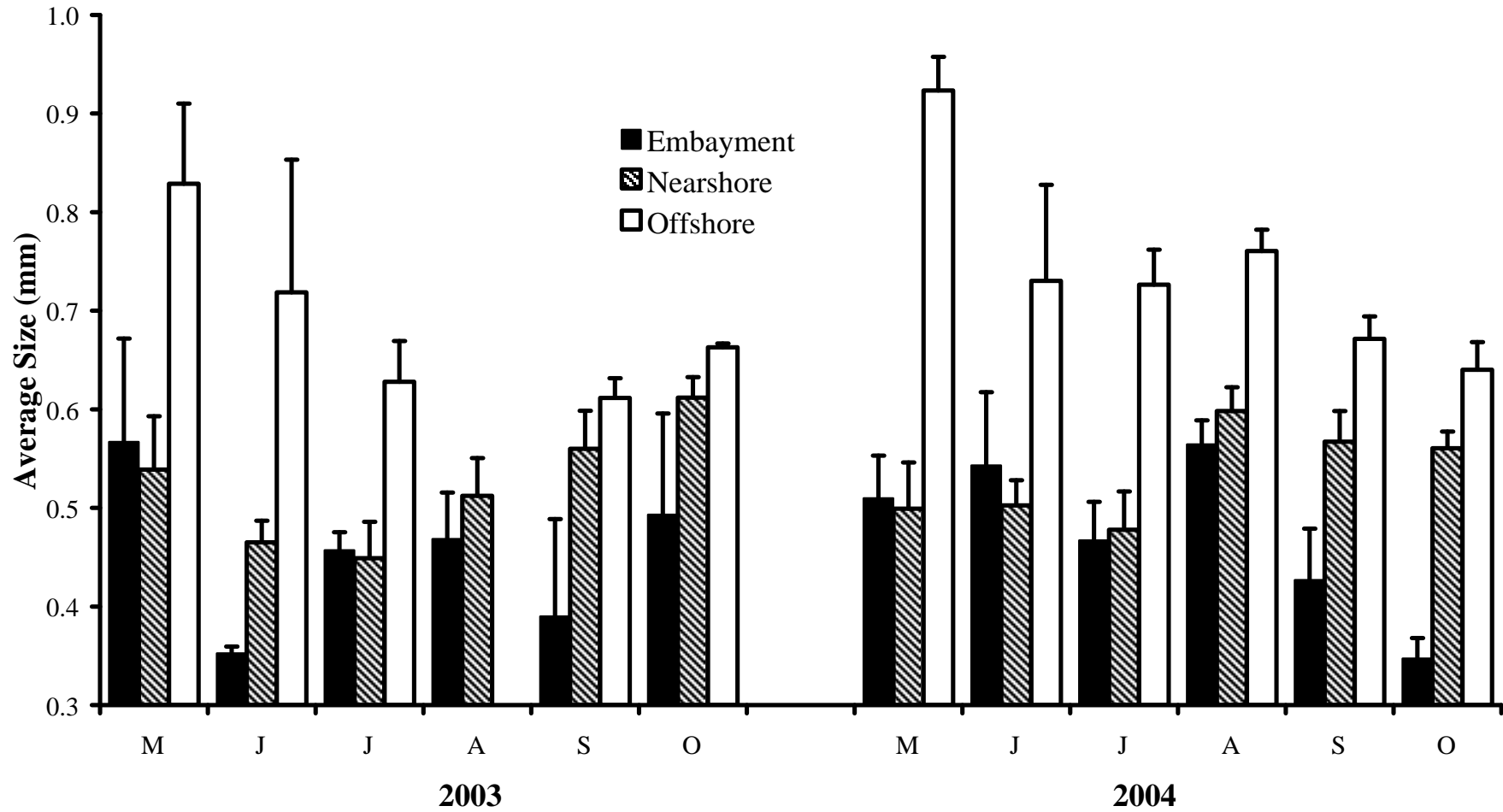


Figure 10. Comparison of mean (+ 1SE) monthly zooplankton size at embayment, nearshore, and offshore sites in Lake Ontario for May - October 2003 and 2004.

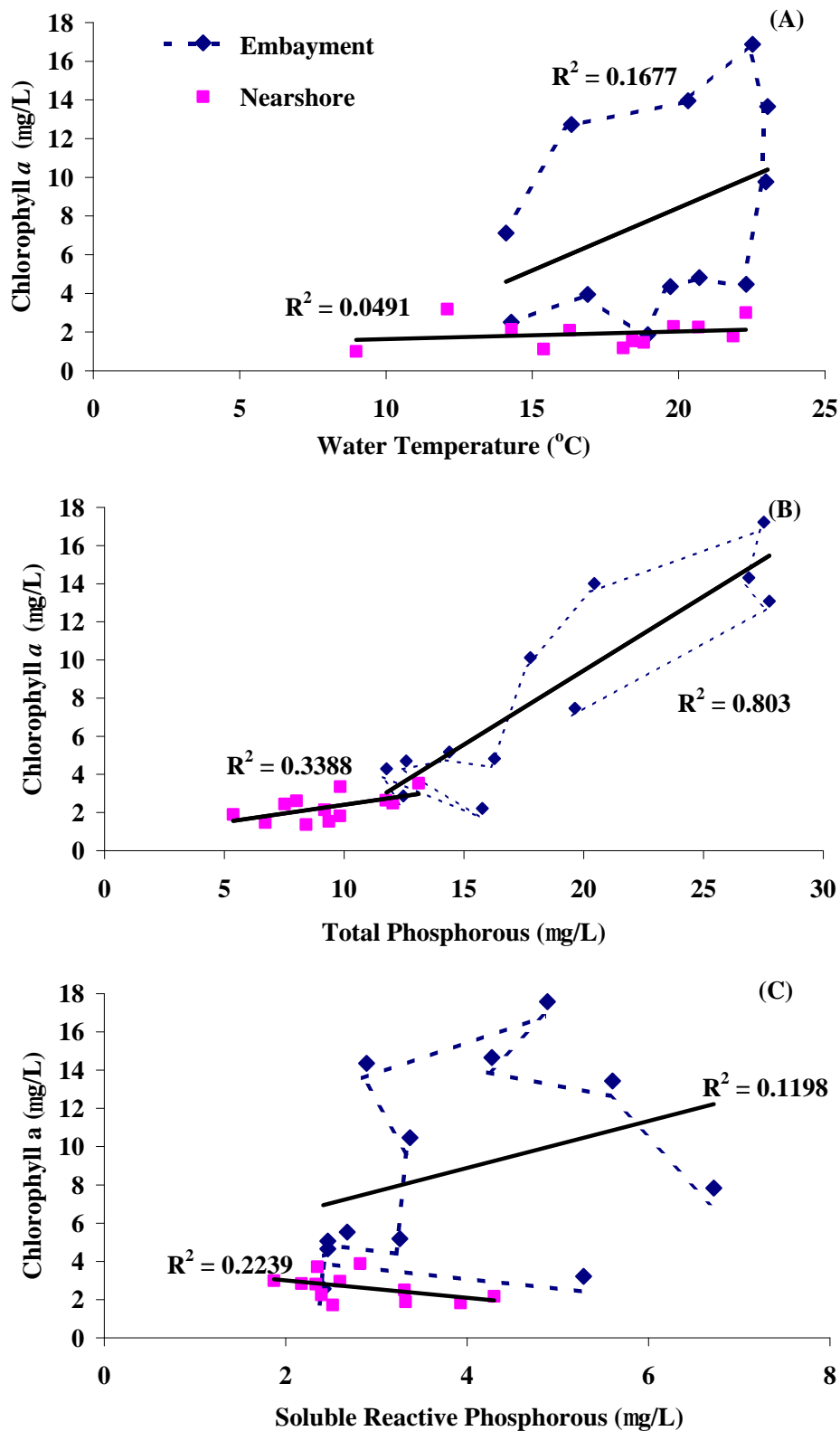


Figure 11. Relationships between 2004 mean biweekly biomonitoring variables (A) water temperature (mean 0-10m) vs. Chl *a* (0-10 m integrated); (B) TP vs Chl *a*; and (C) SRP vs. Chl *a*. Dotted lines connect the embayment data. Solid lines show the regressions.