

Figure 1: Epilimnetic phytoplankton density in Big Platte Lake, MI during 2003 (A), 2004 (B), 2005 (C) and 2006 (D). Note change of scale in 2005.

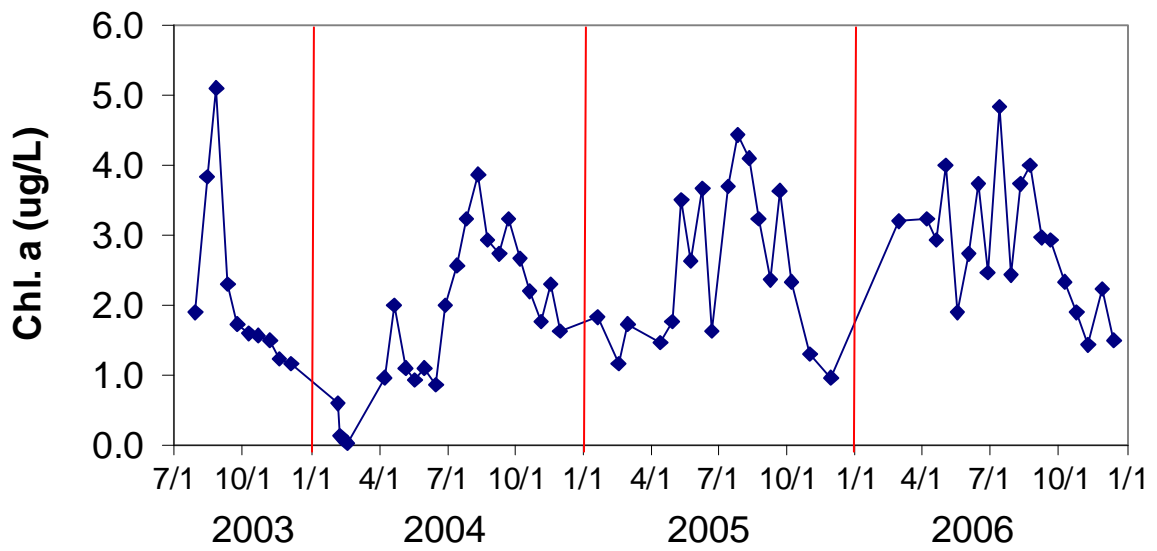


Figure2: Epilimnetic chlorophyll a concentration in Big Platte Lake, MI 2003-2006. Mean concentrations in 2003-2006 were 2.19, 1.85, 2.53, and 2.87 $\mu\text{g/L}$, respectively.

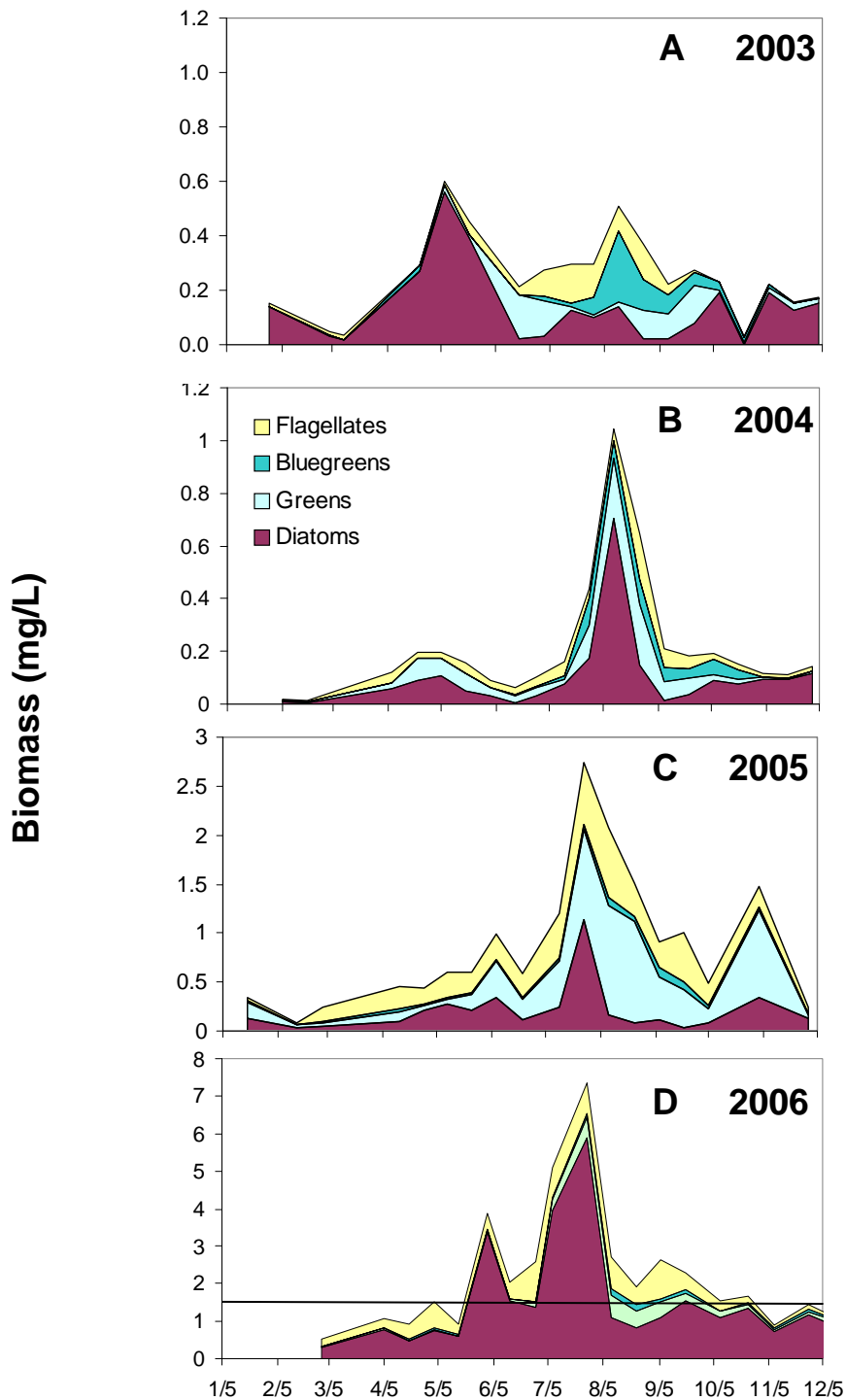


Figure 3: Epilimnetic phytoplankton biomass (wet wt.) in Big Platte Lake, MI during 2003 (A), 2004 (B), 2005 (C) and 2006 (D). Note change of scale in 2005.

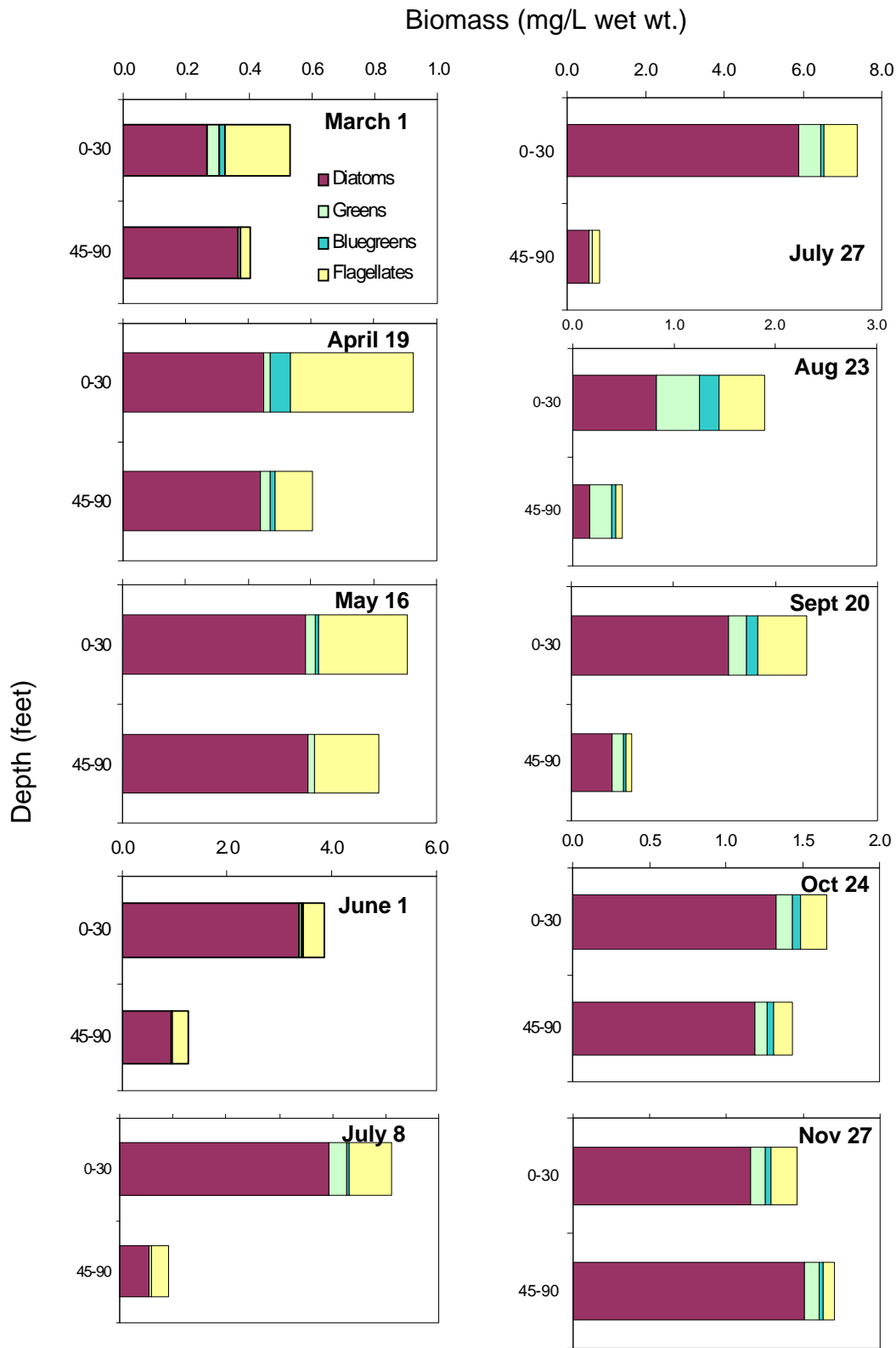


Figure 4: Phytoplankton biomass in the epilimnion (0-30 ft.) and hypolimnion (45-90 ft.) of Big Platte Lake, MI, 2006. Note change of biomass scale in June, August, and October..

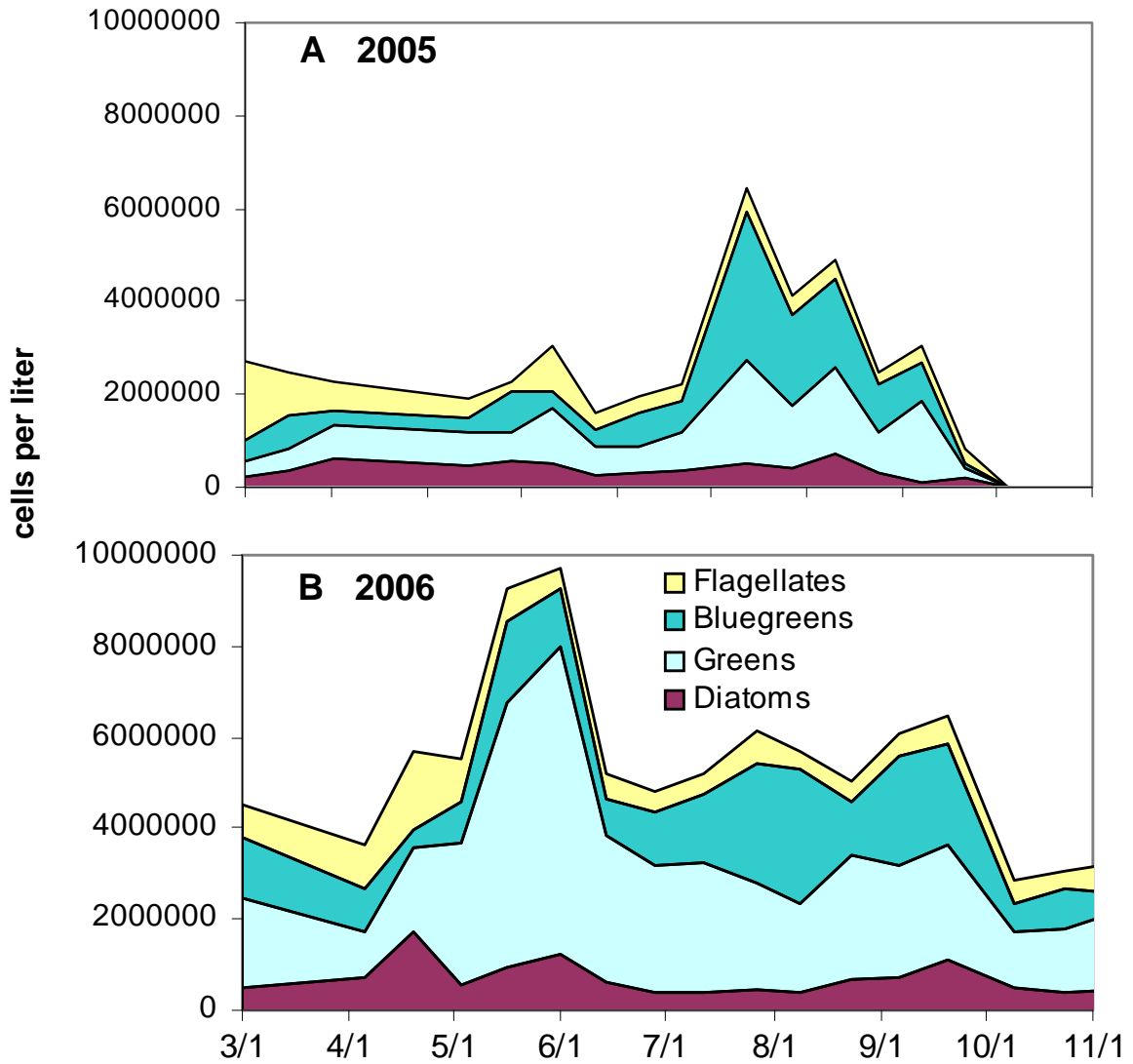


Figure 5: Phytoplankton density Little Platte Lake, MI during 2005 (A) and 2006 (B).

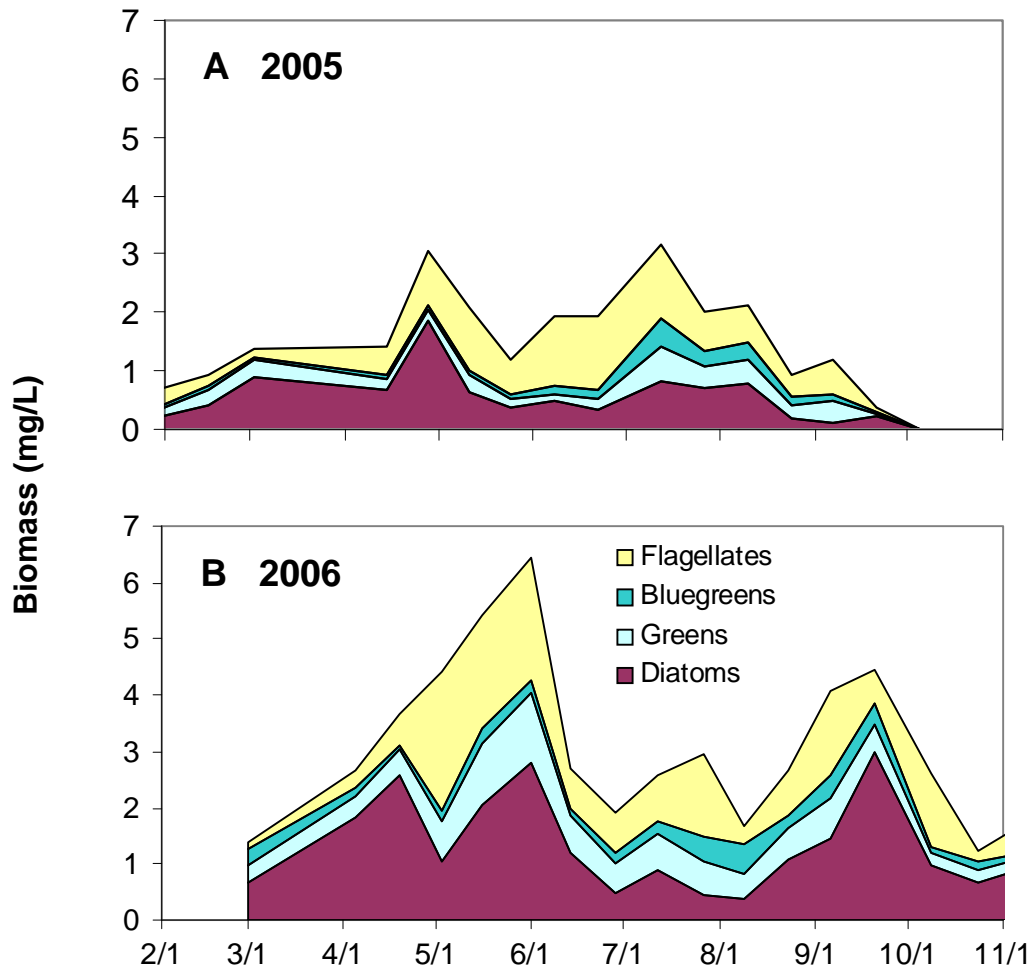


Figure 6: Phytoplankton biomass (wet wt.) in Little Platte Lake, MI during 2005 (A) and 2006 (B).

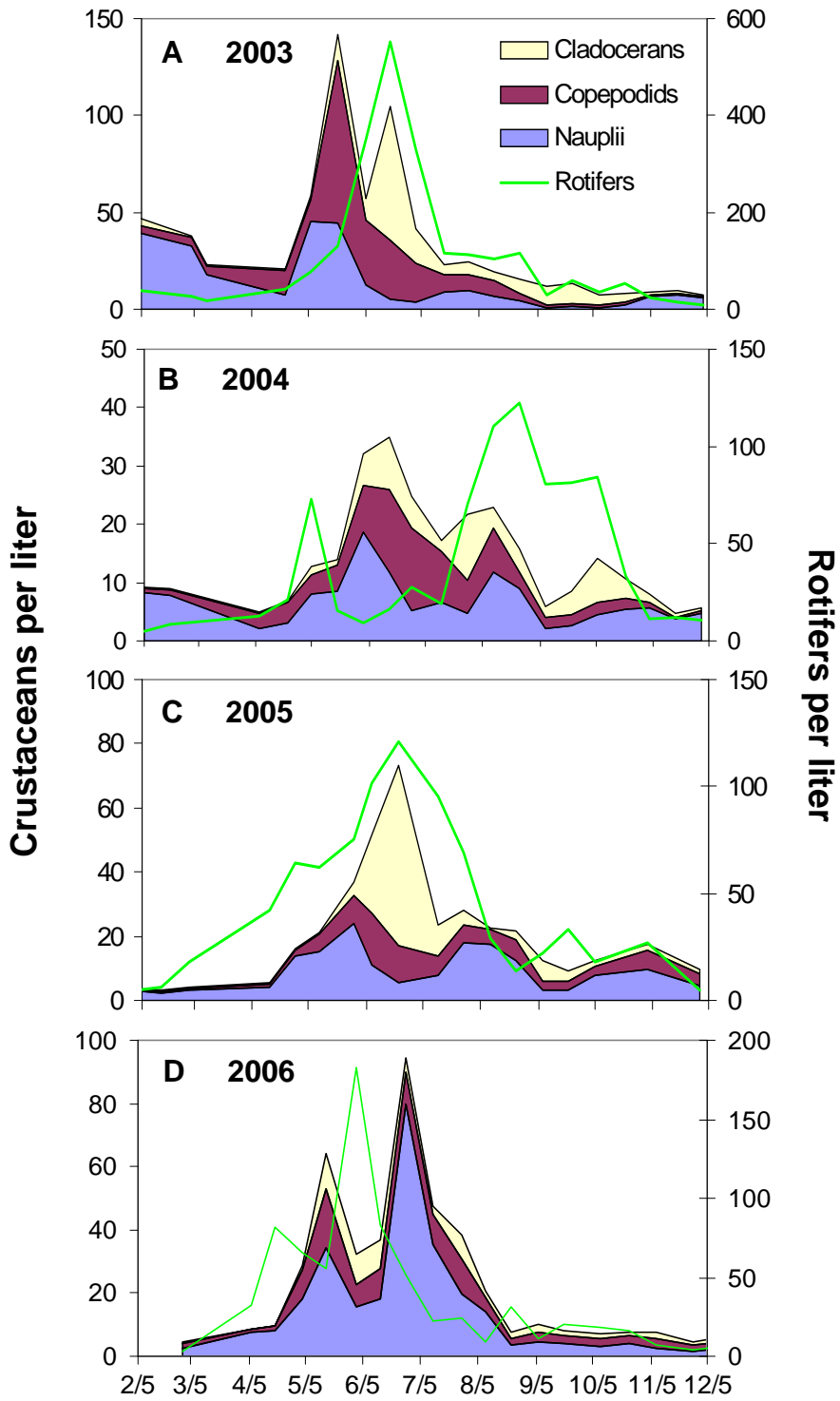


Figure 7: Average zooplankton density in Big Platte Lake, MI during 2003 (A), 2004 (B), 2005 (C), and 2006 (D). Note change in scales.

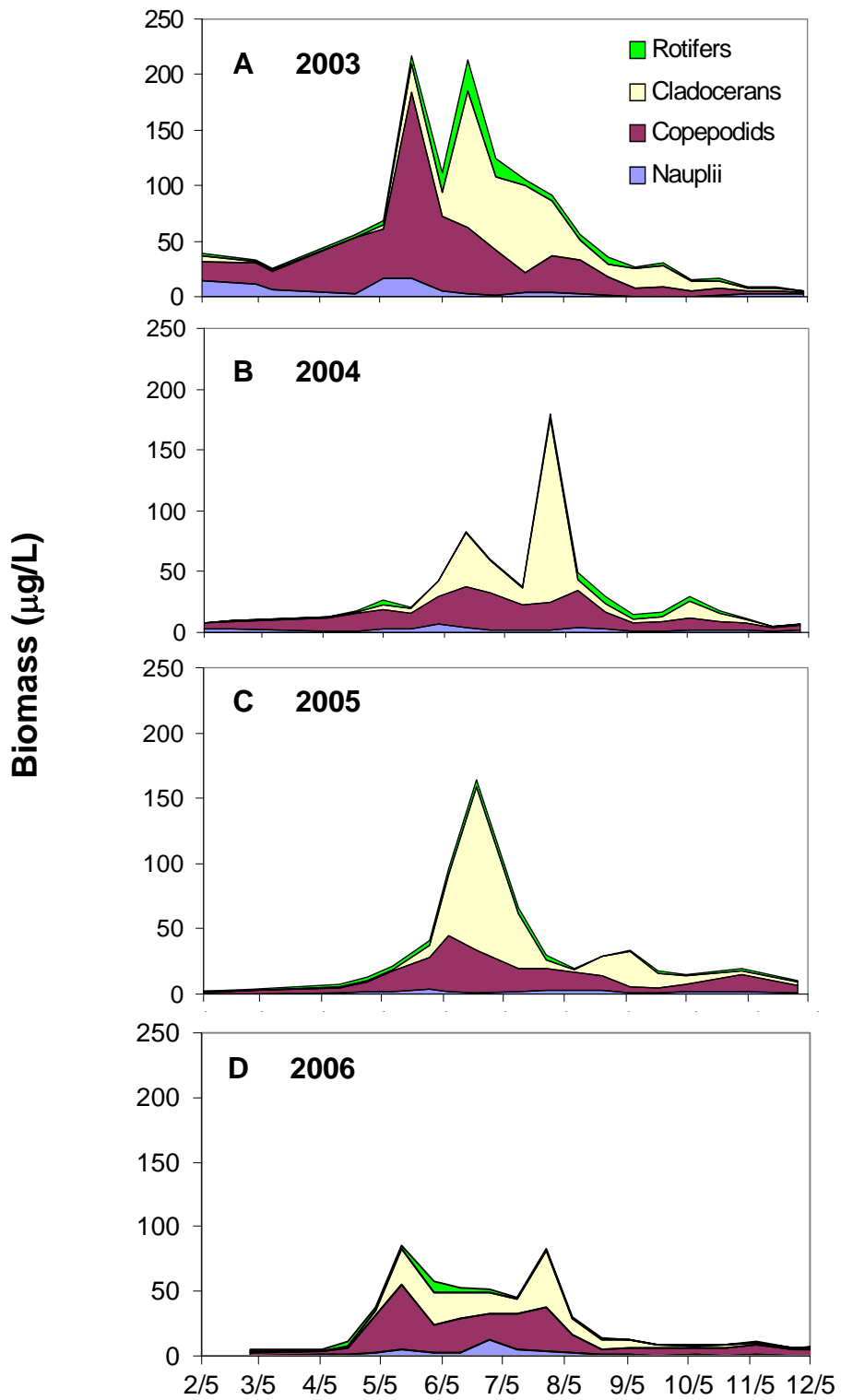


Figure 8: Average zooplankton biomass (dry wt.) in Big Platte Lake, MI during 2003 (A), 2004 (B), 2005 (C), and 2006 (D).

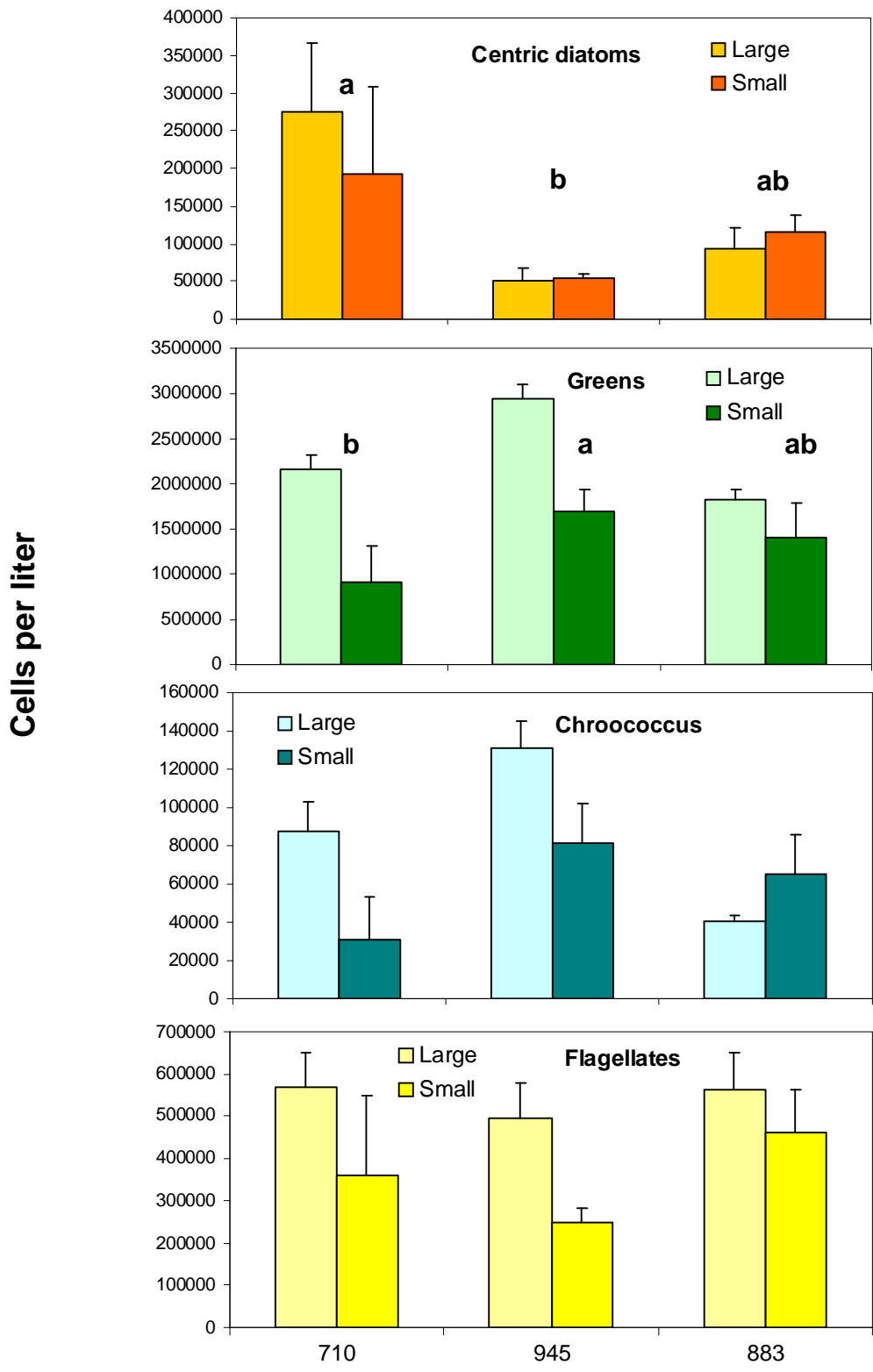


Figure 9: Average density of 4 phytoplankton taxa in 3 sample bottles collected from Big Platte Lake, MI in 2006. Densities were calculated from three transects within small and large settling chambers. Letters indicates similar bottle densities.

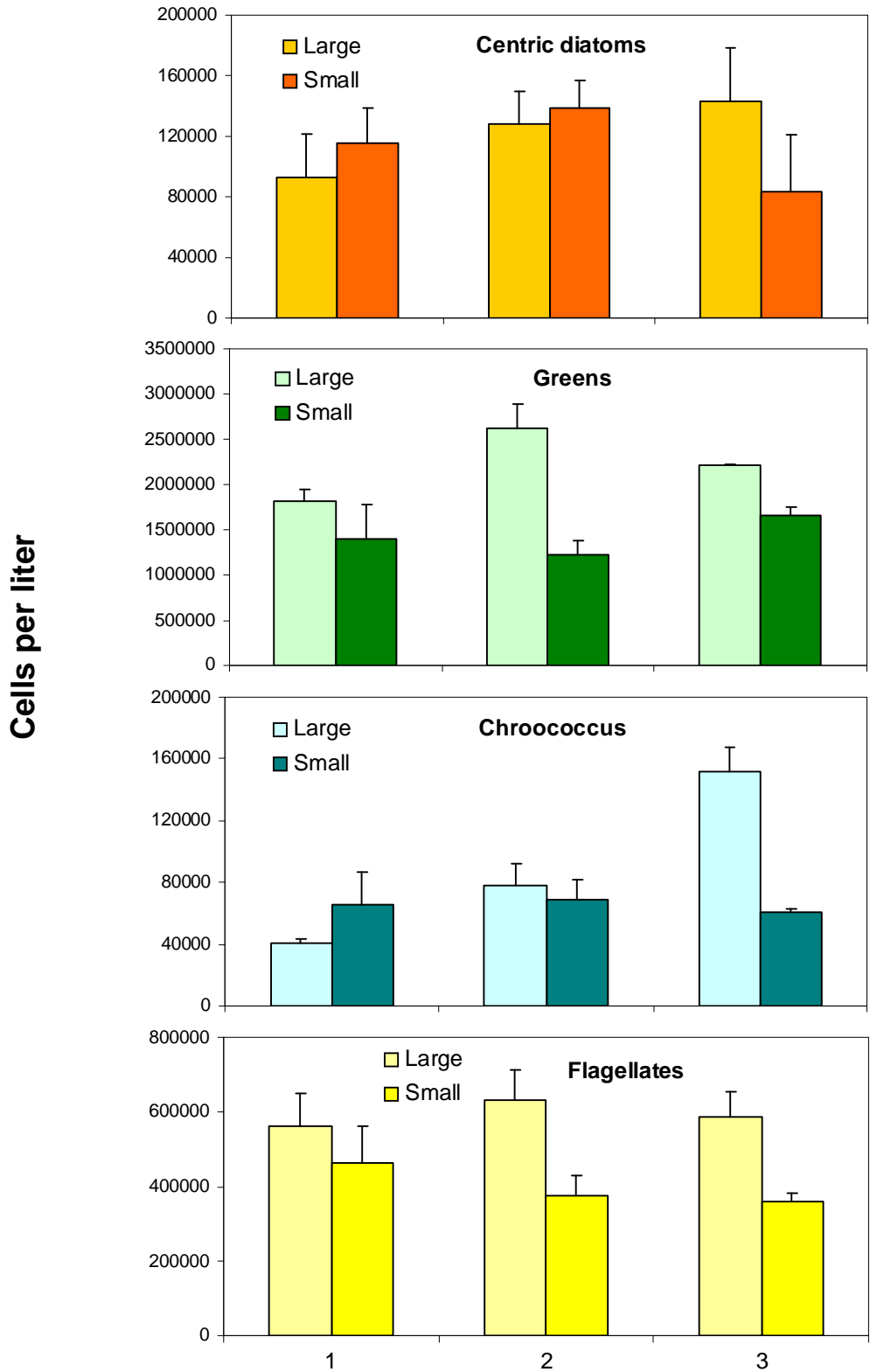


Figure 10: Average density of 4 phytoplankton taxa in 5 mL sub-samples from bottle 883 collected from Big Platte Lake, MI in 2006. Densities were calculated from three transects within small and large settling chambers.

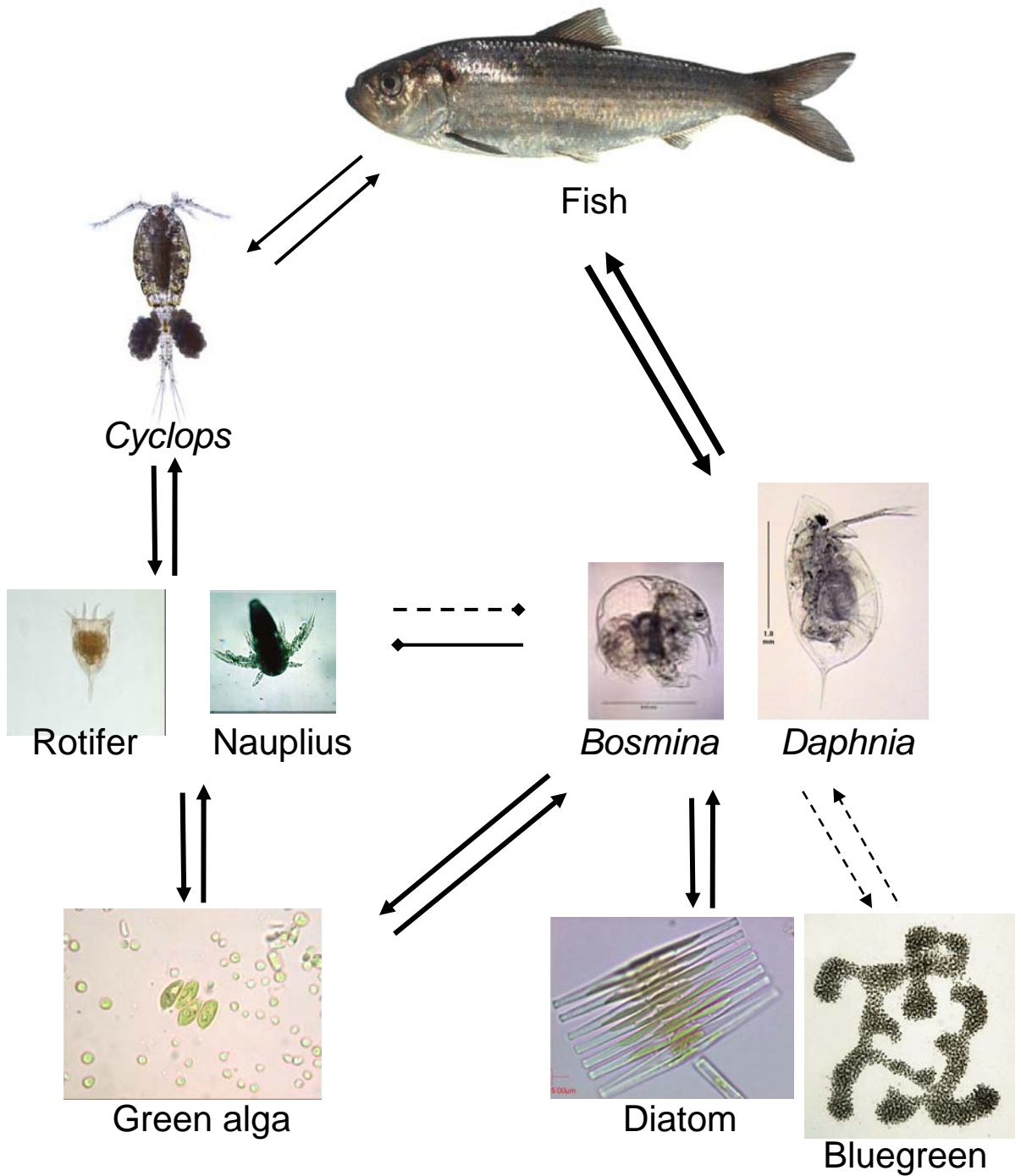


Figure 11: Platte Lake Food Web. Sharp arrow heads indicate direct feeding relationship (positive/negative interaction). Blunt arrow heads indicate indirect competition (negative/negative interaction). Thickness of arrow is proportional to strength of the interaction.