

Required Figures for Lab Reports  
Limnology (E455/556)  
Fall 2020

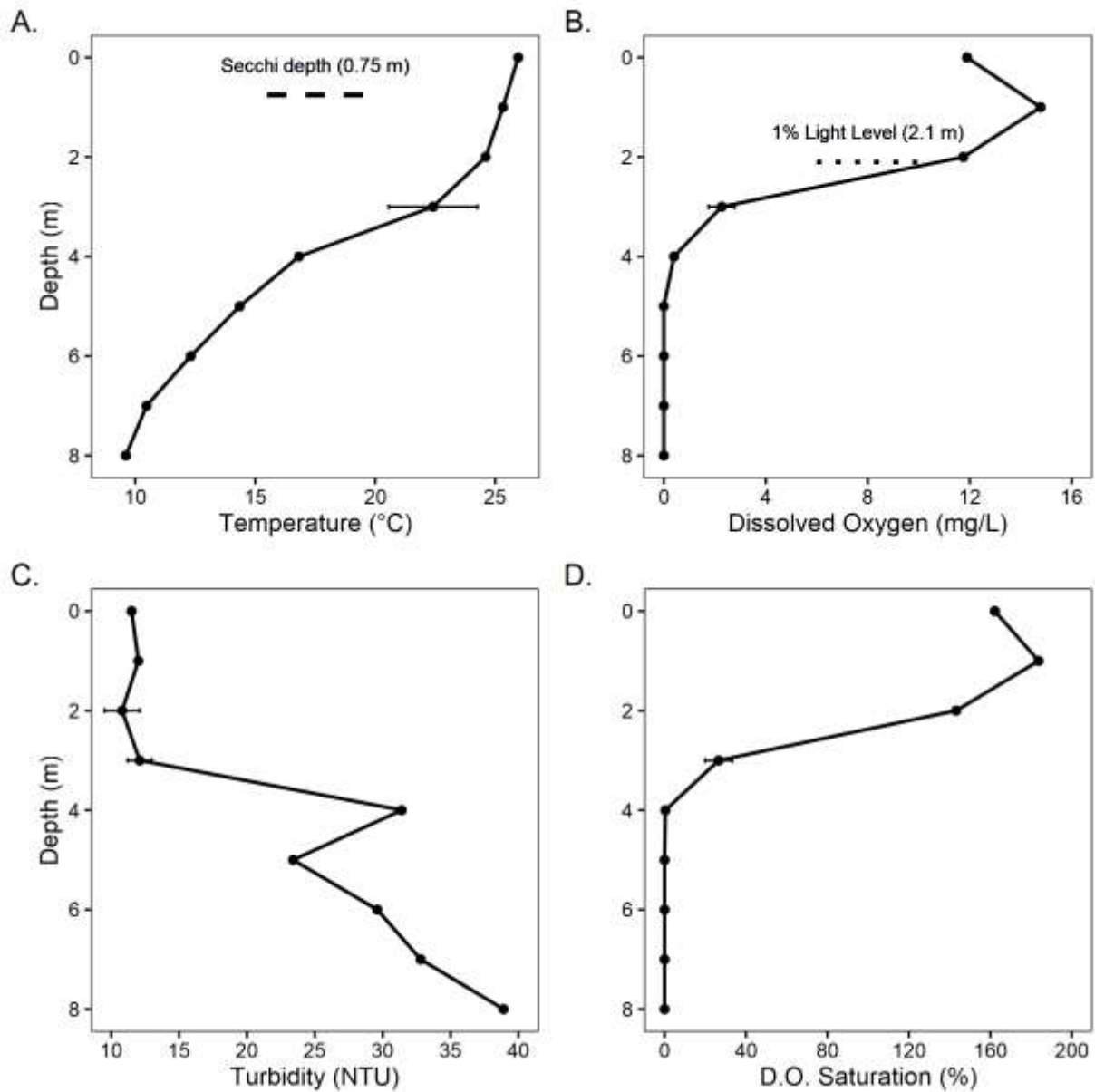


Figure 1 – Vertical profiles for (A.) temperature, (B.) dissolved oxygen, (C.) turbidity, and (D.) percent saturation of dissolved oxygen from University Lake, IN. Data were collected on 10/26/17 and 10/27/17. Error bars indicate deviation of replicates (2 m) and duplicates (3 m).

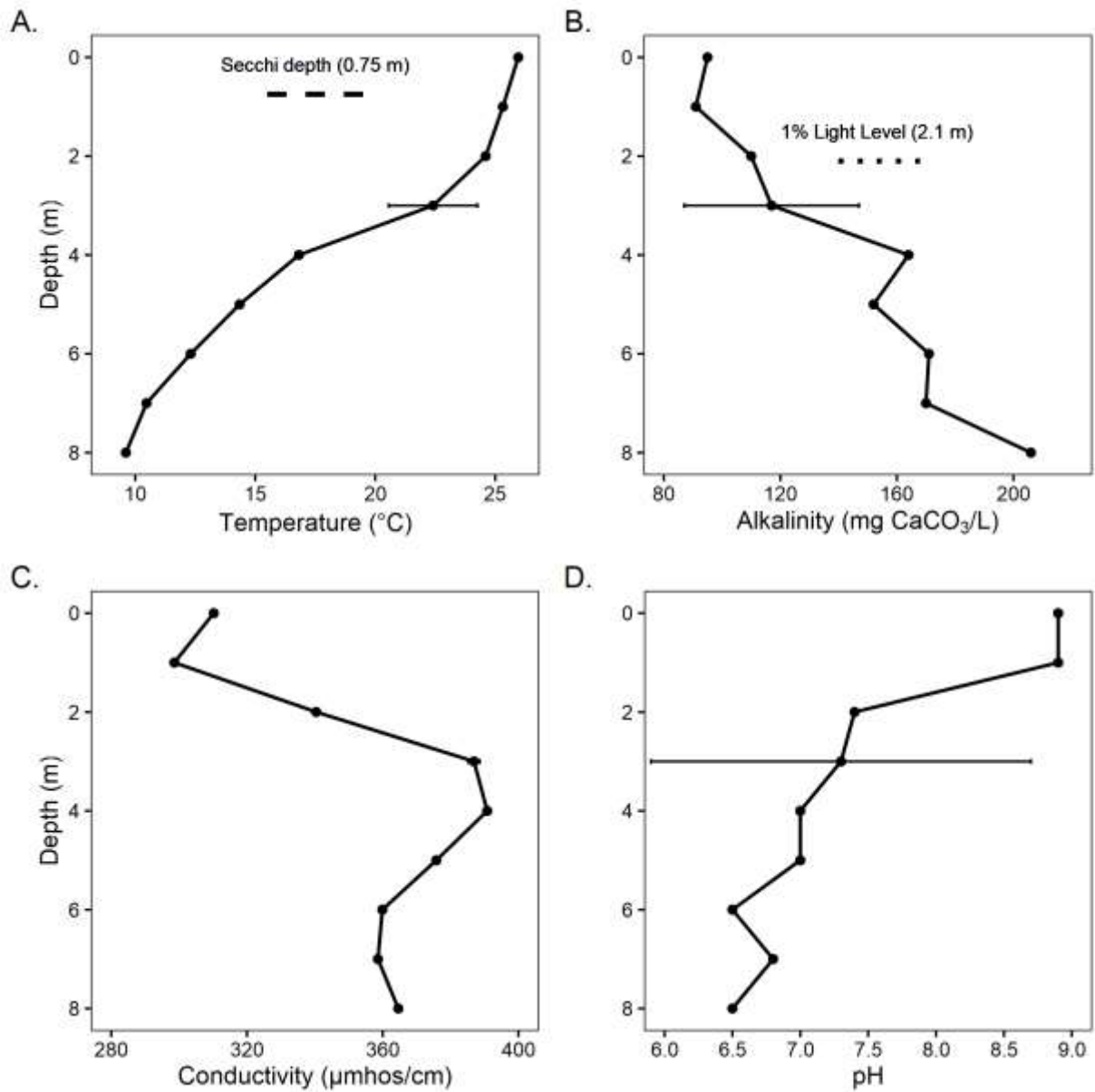


Figure 2 – Vertical profiles for **(A.)** temperature, **(B.)** alkalinity, **(C.)** conductivity, and **(D.)** pH from University Lake, IN. Data were collected on 10/26/17 and 10/27/17. Error bars indicate deviation of replicates (2 m) and duplicates (3 m).

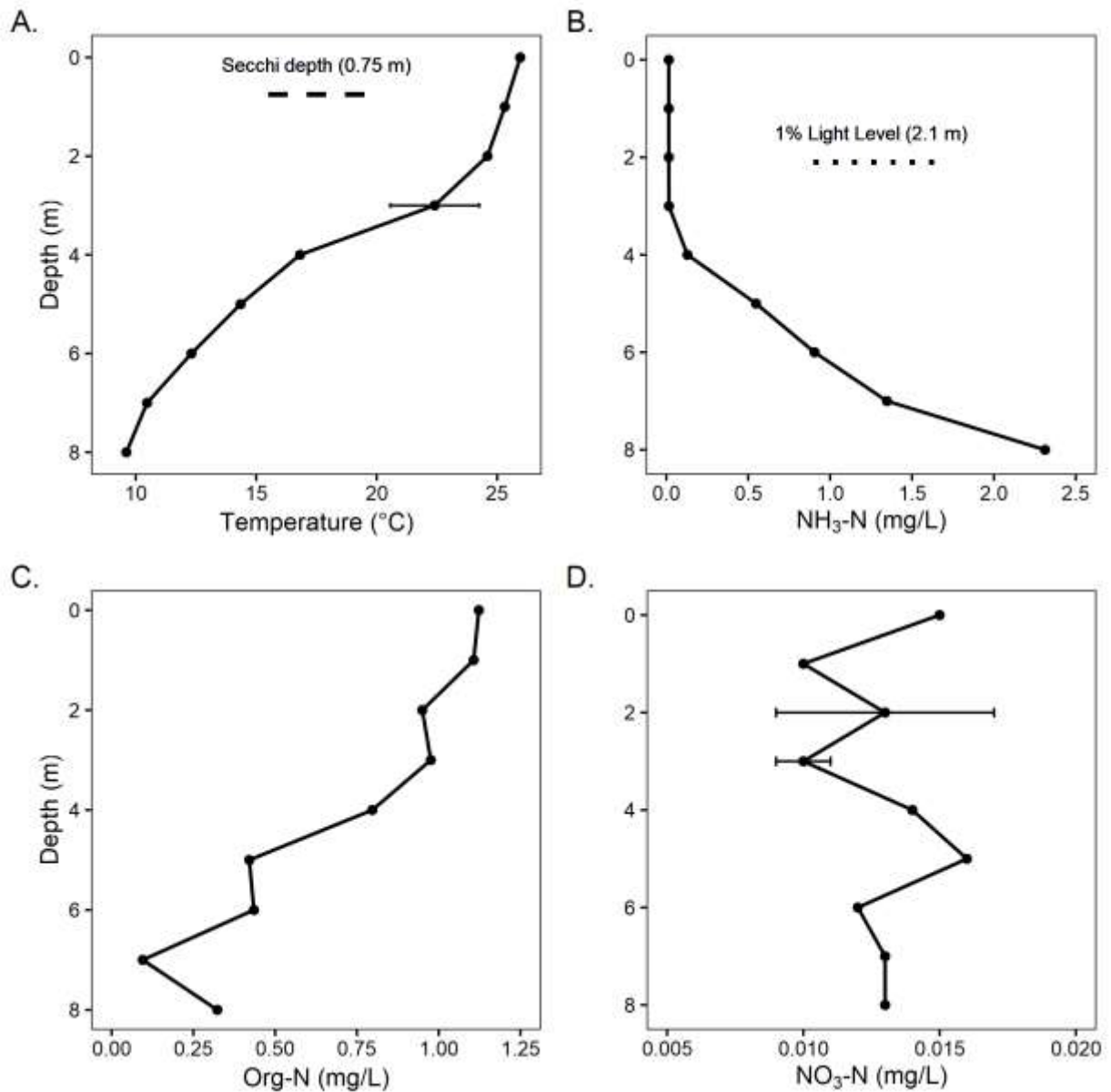


Figure 3 – Vertical profiles for **(A.)** temperature, **(B.)** ammonia (NH<sub>3</sub>-N), **(C.)** organic nitrogen (Org-N), and **(D.)** nitrate (NO<sub>3</sub>-N) from University Lake, IN. Data were collected on 10/26/17 and 10/27/17.

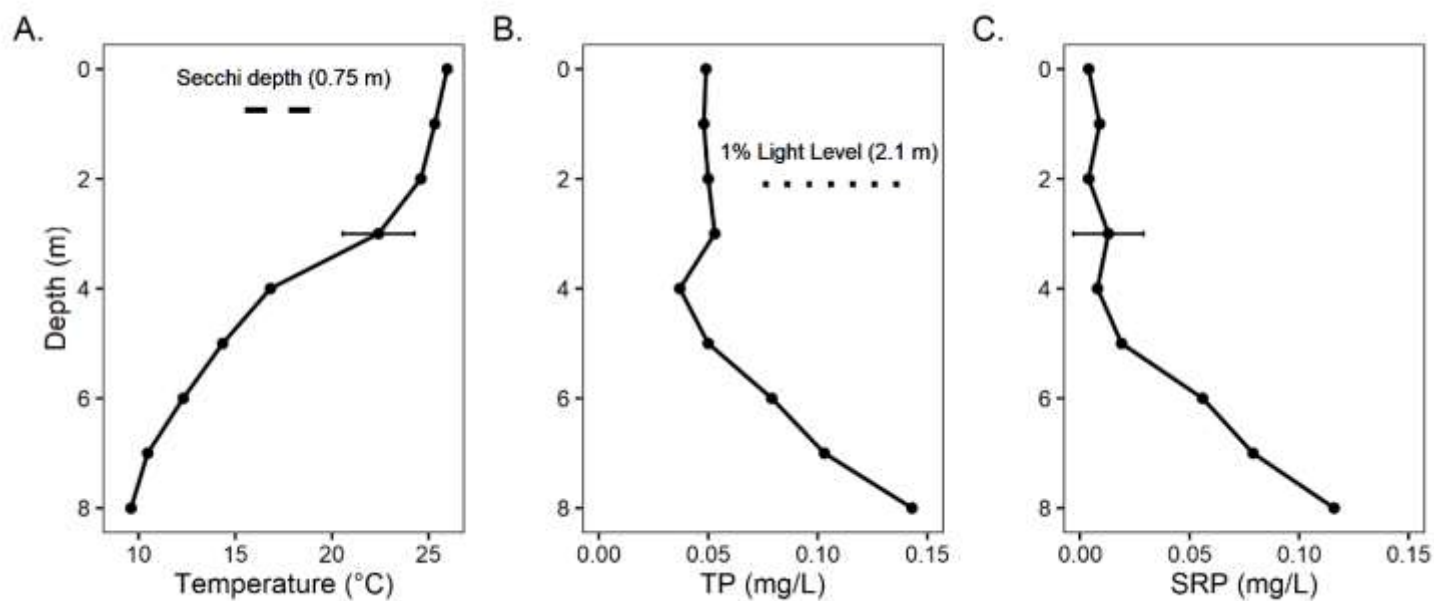


Figure 4 – Vertical profiles for **(A.)** temperature, **(B.)** total phosphorus, and **(C.)** soluble reactive phosphorus from University Lake, IN. Data were collected on 10/26/17 and 10/27/17.

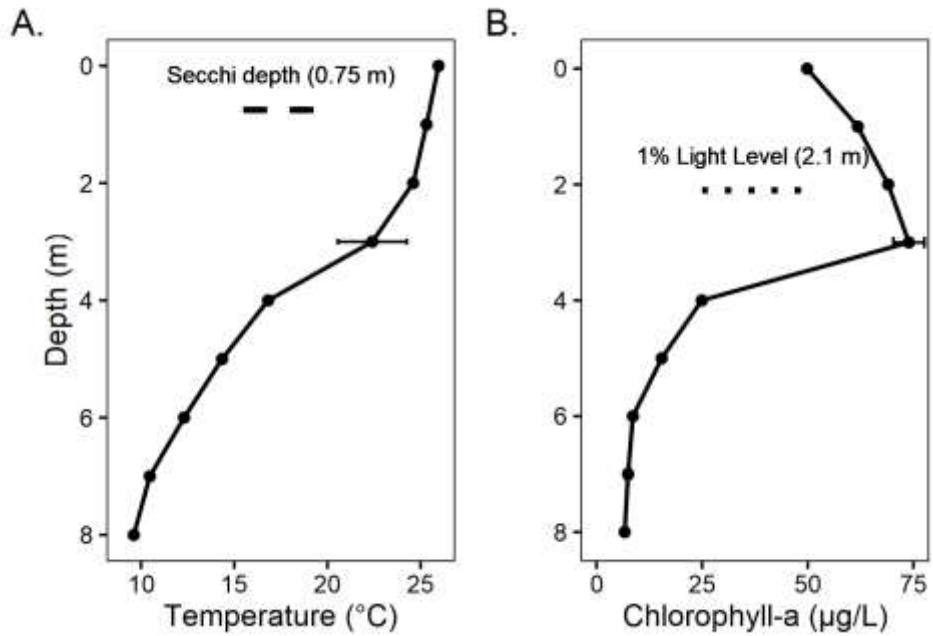


Figure 5 – Vertical profiles for **(A.)** temperature and **(B.)** chlorophyll-a from University Lake, IN. Data were collected on 10/26/17 and 10/27/17. Error bars indicate deviation of replicates (2 m) and duplicates (3 m).

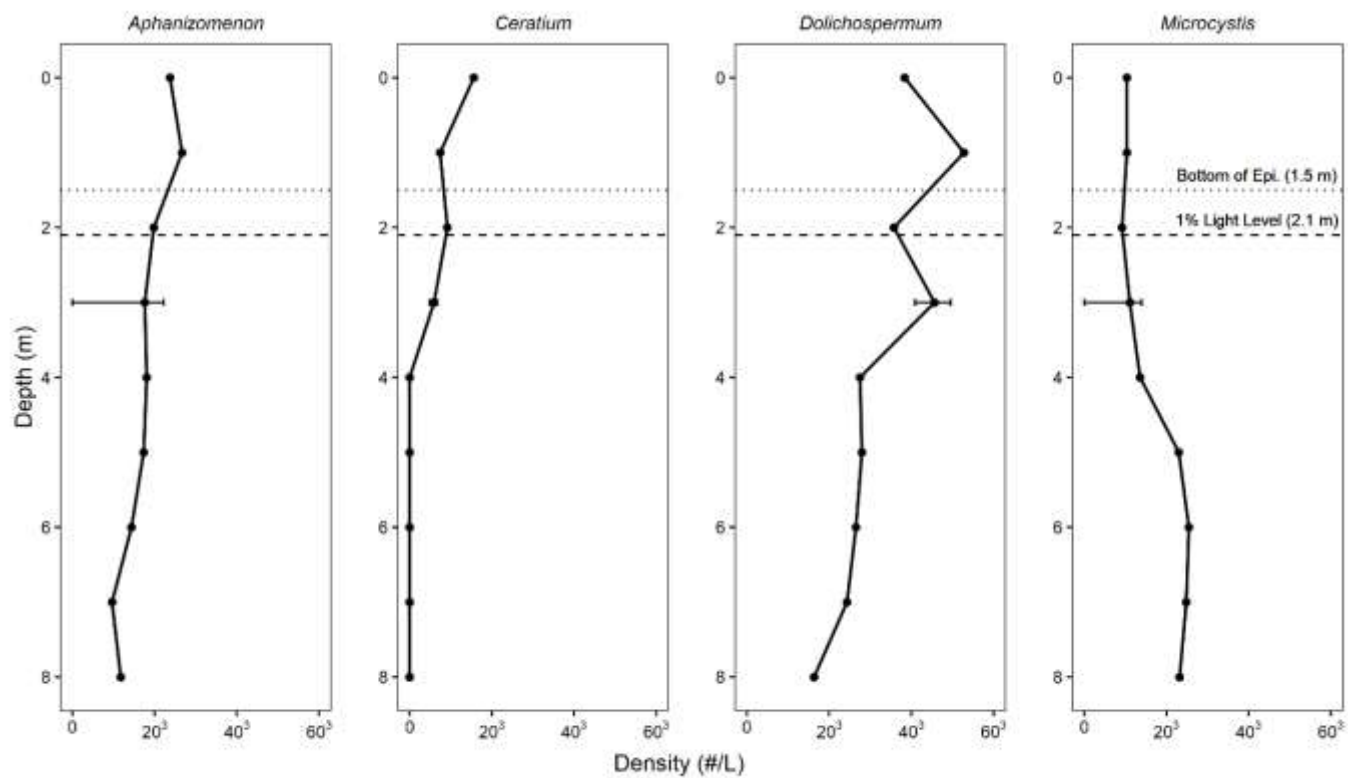


Figure 6 – Vertical profiles for phytoplankton from University Lake, IN. Data were collected on 10/26/17 and 10/27/17. Error bars indicate deviation of duplicates (3 m).

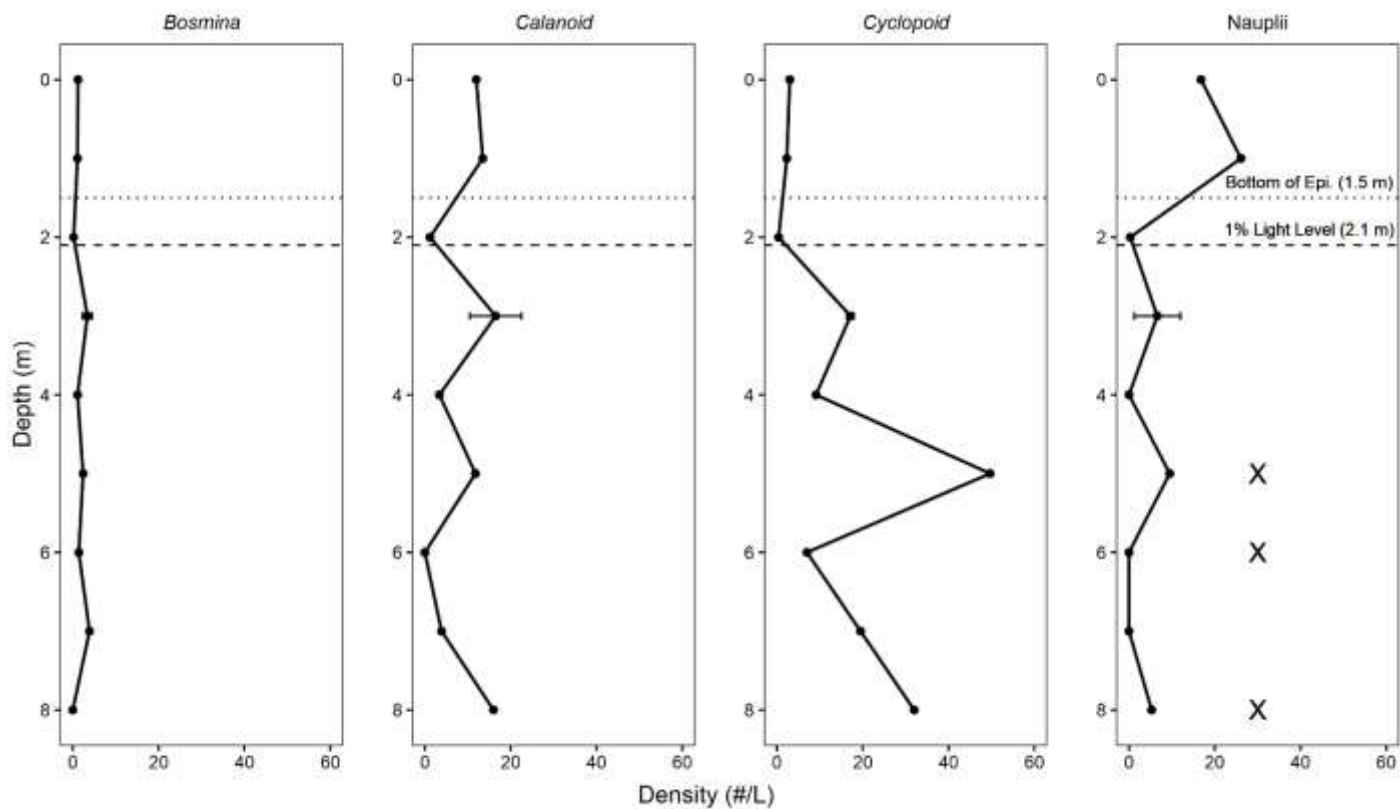


Figure 7 – Vertical profiles for zooplankton from University Lake, IN. Data were collected on 10/26/17 and 10/27/17. Error bars indicate deviation of duplicates (3 m). The presence of *Chaoborus* is indicated with an X.

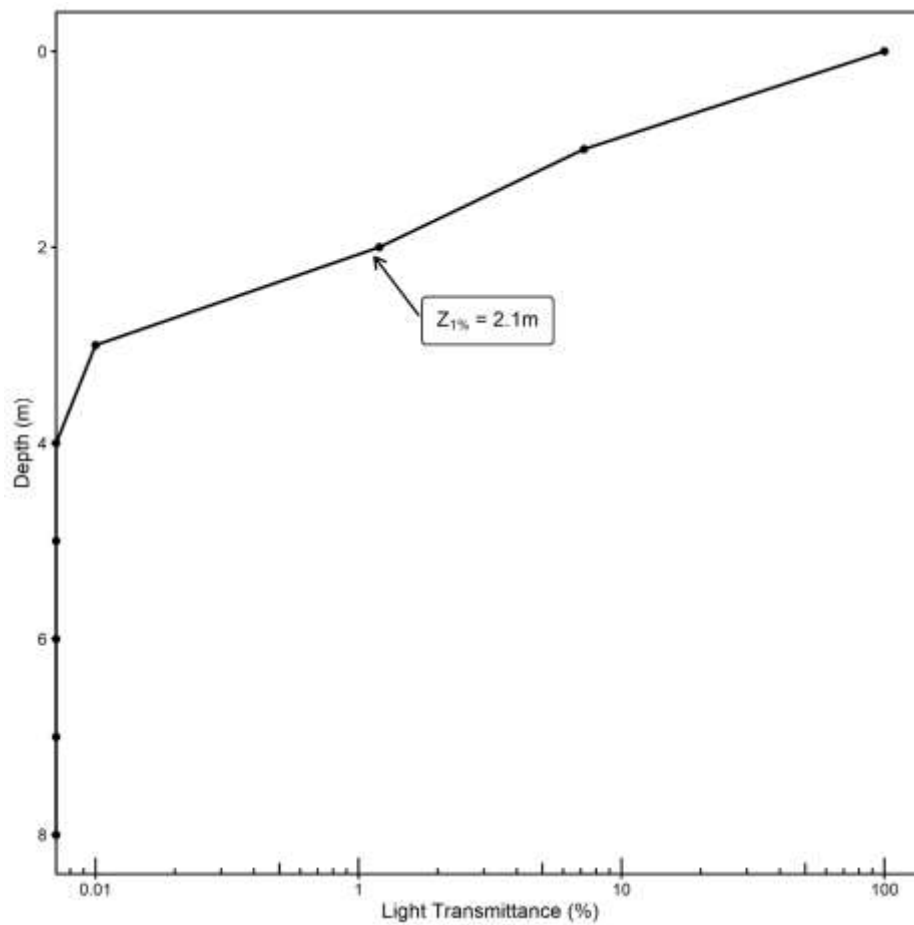


Figure 8 – Light transmission from University Lake, IN. Data were collected on 10/26/17 and 10/27/17.