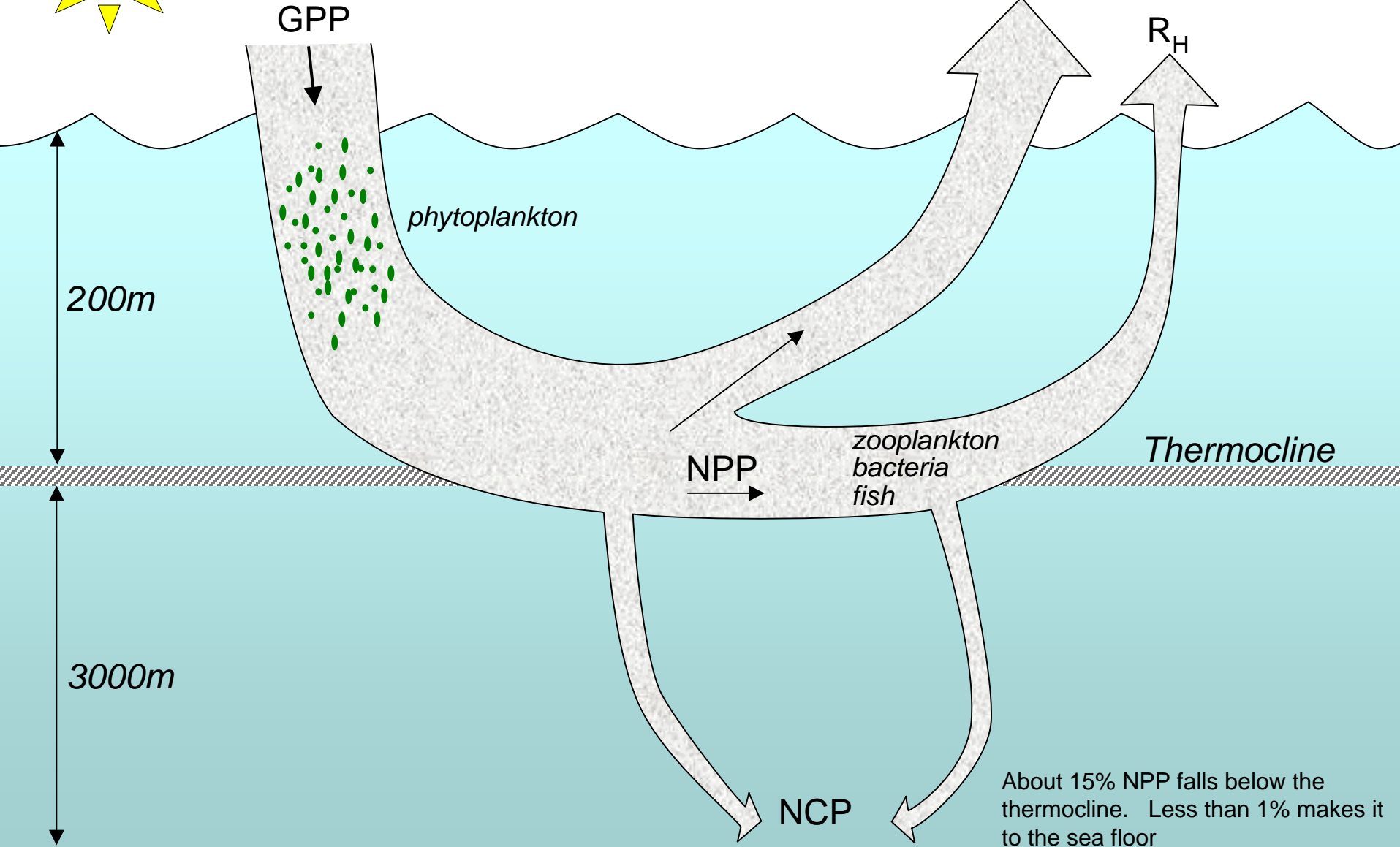
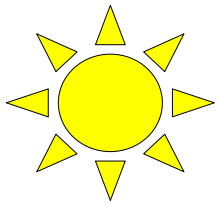
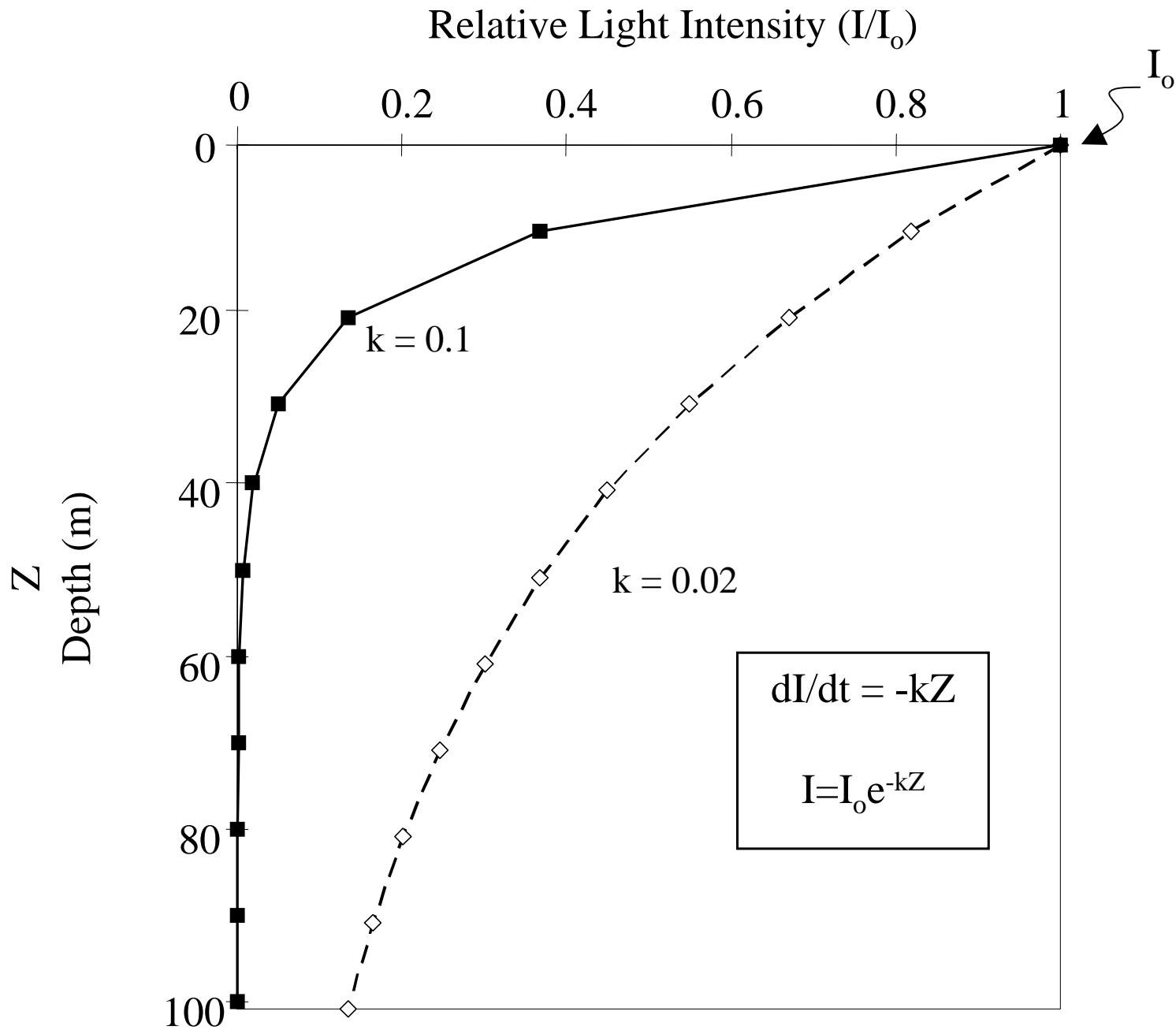


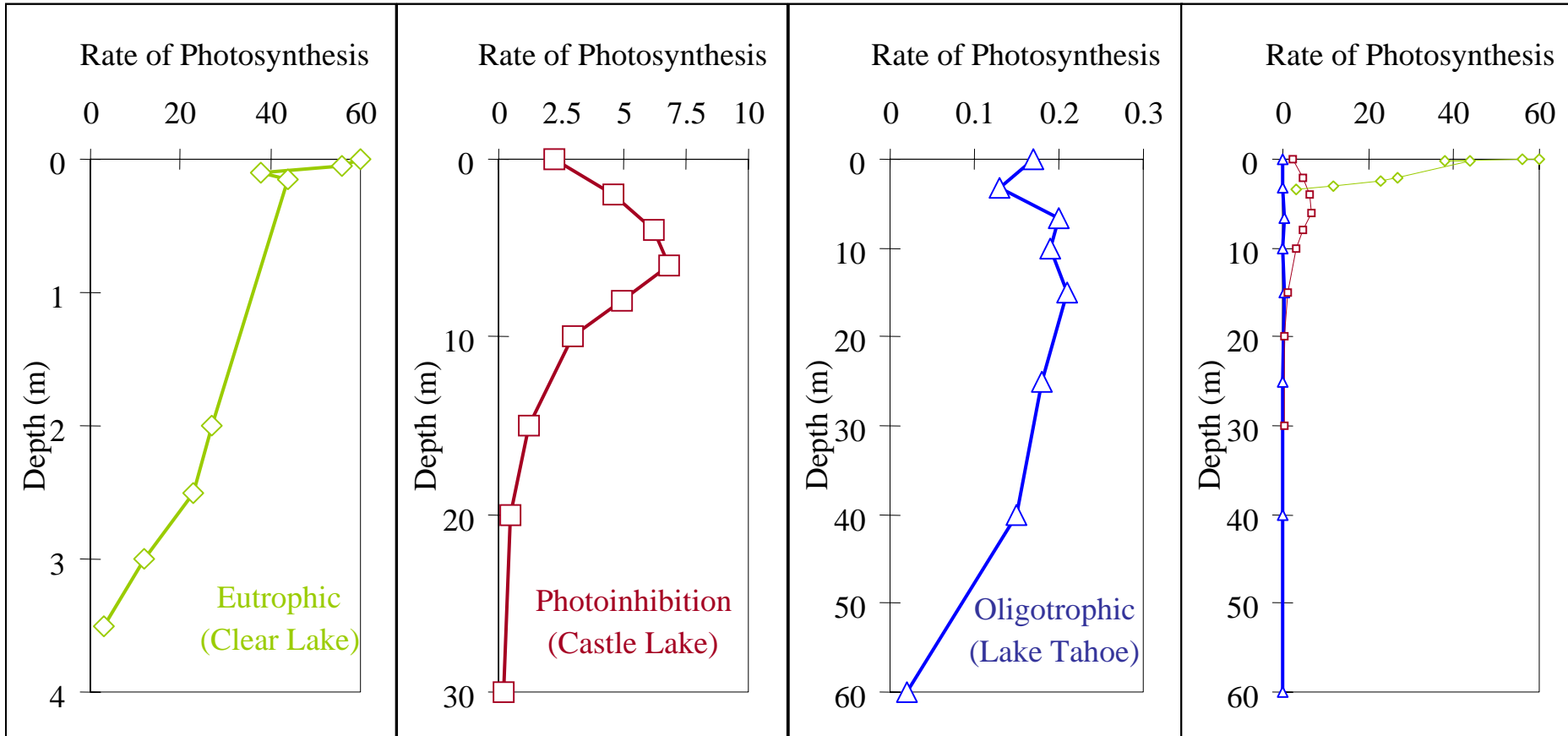
# Aquatic ecosystem



About 15% NPP falls below the thermocline. Less than 1% makes it to the sea floor

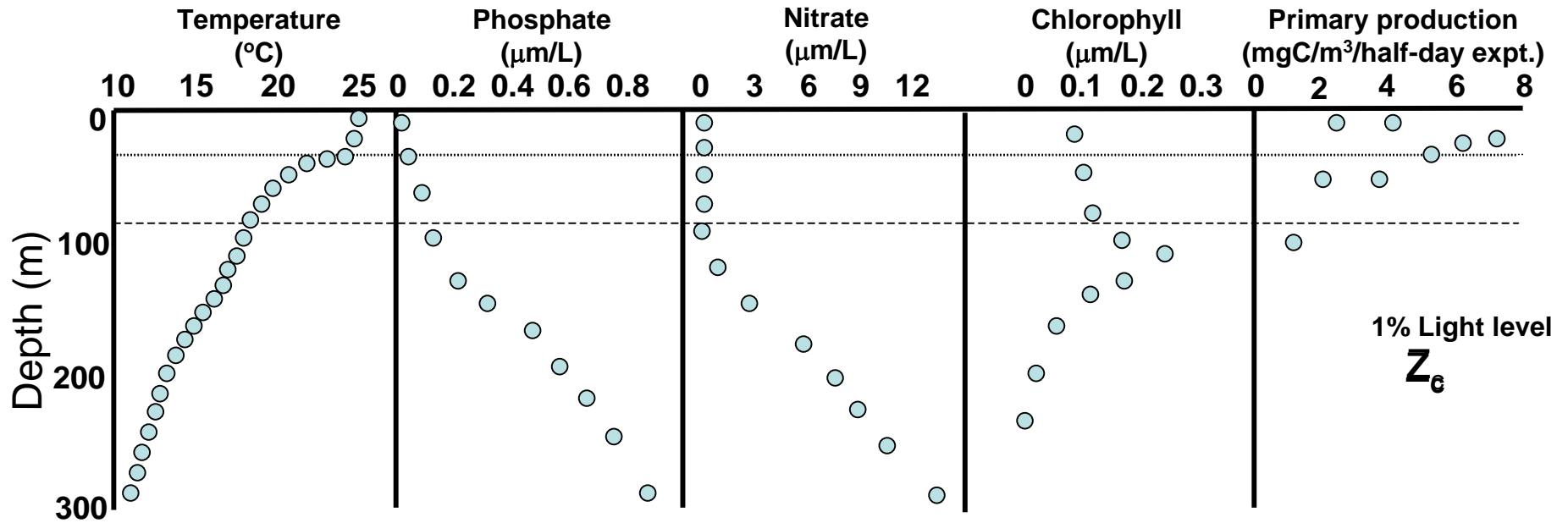


# Photosynthesis as a function of depth for 3 kinds of lakes



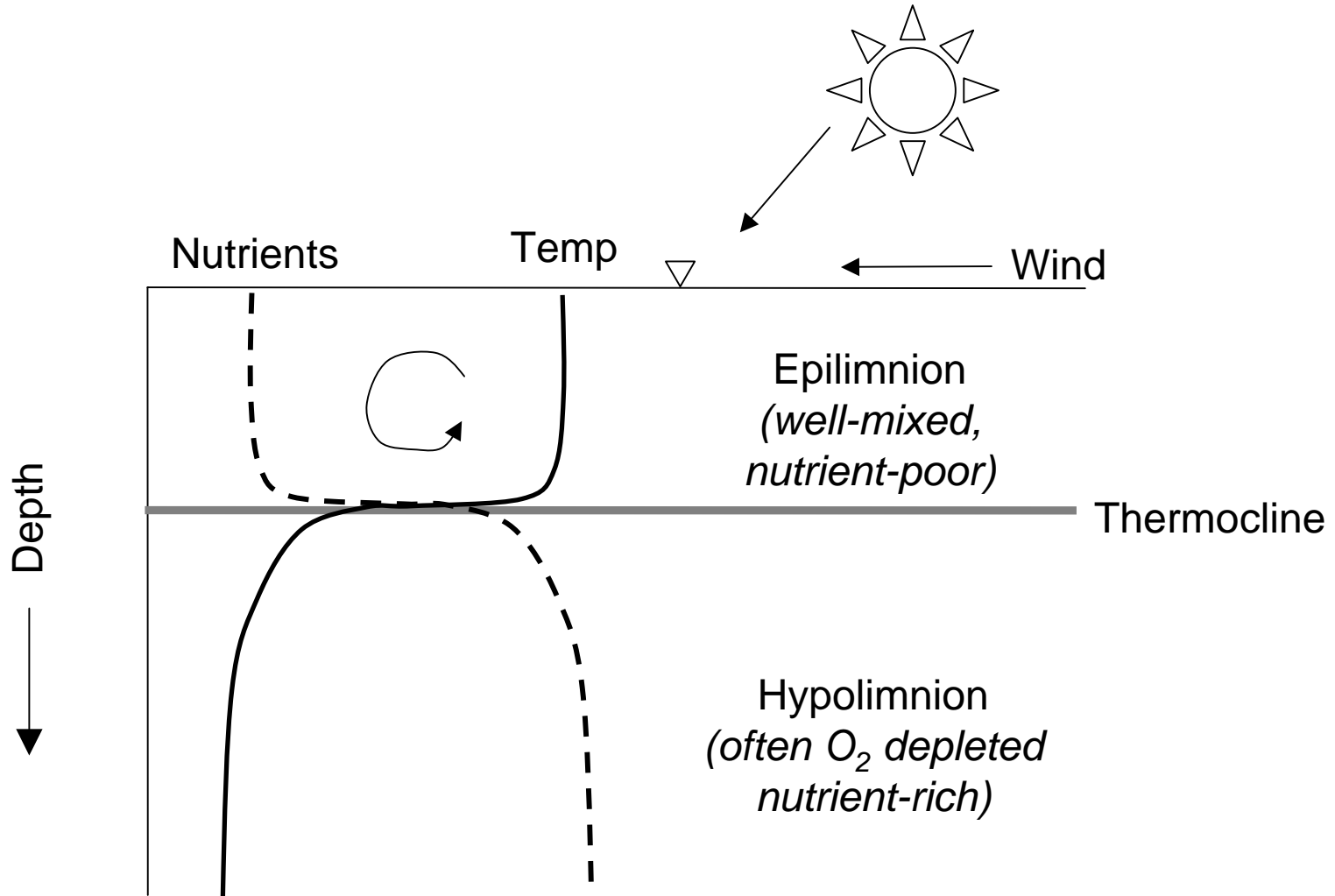
*data modified from Krebs Figure 25.5*

# North Pacific Central Gyre



Adapted from: Krebs Figure 25.7

# Thermal stratification in lakes



But, lakes don't usually look this way year-round...