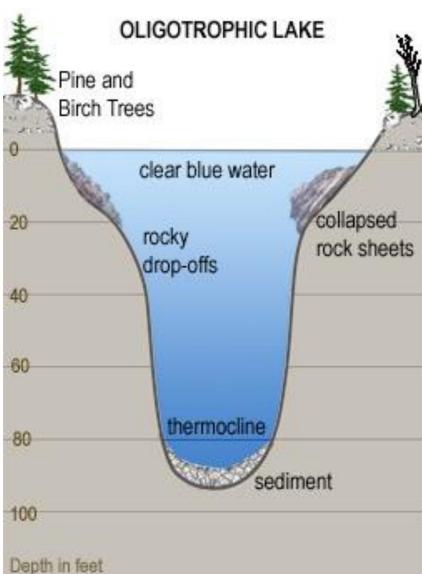
LAKE AGING

THE EFFECTS OF NUTRIENT ACCUMULATION







Oligotrophic





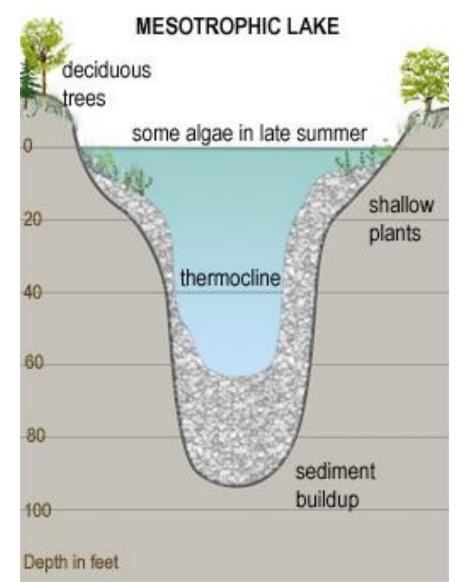
• Clear water, rocky and sandy bottoms, and very few aquatic plants or algae.



Mesotrophic



tizostedion vitreum





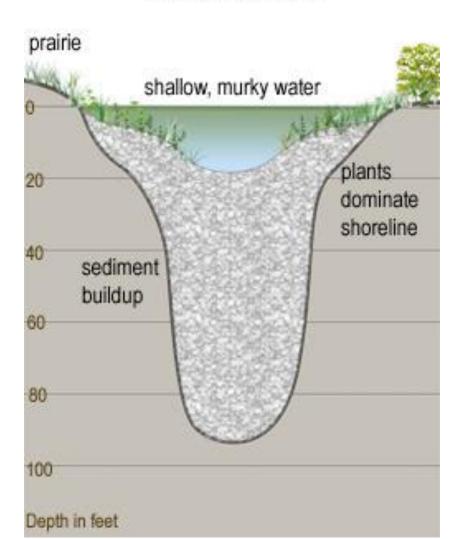
• Sandy sediments with some plants and algae.



Eutrophic Lakes



EUTROPHIC LAKE

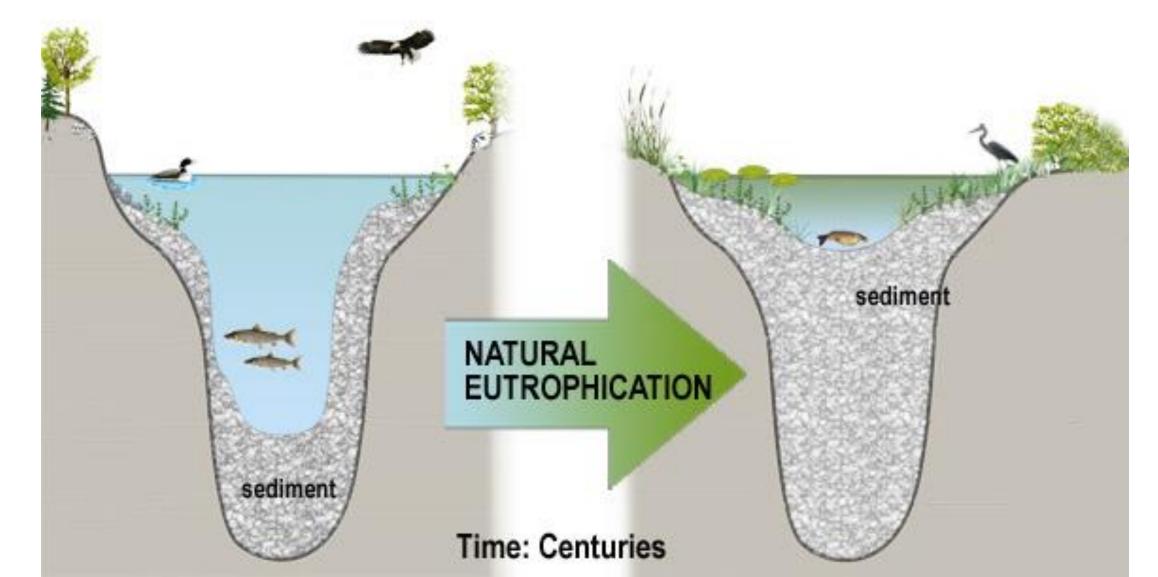




• Sand to muck bottom with abundant aquatic plants and some algae.



EUTROPHICATION



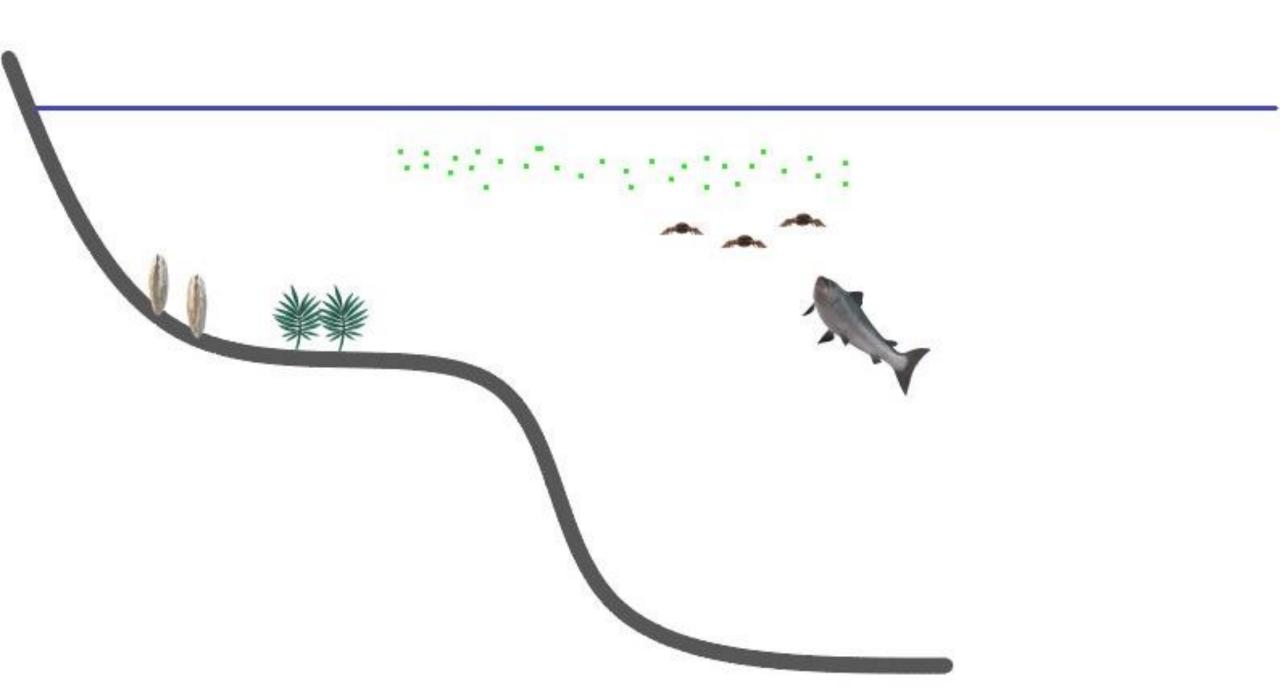


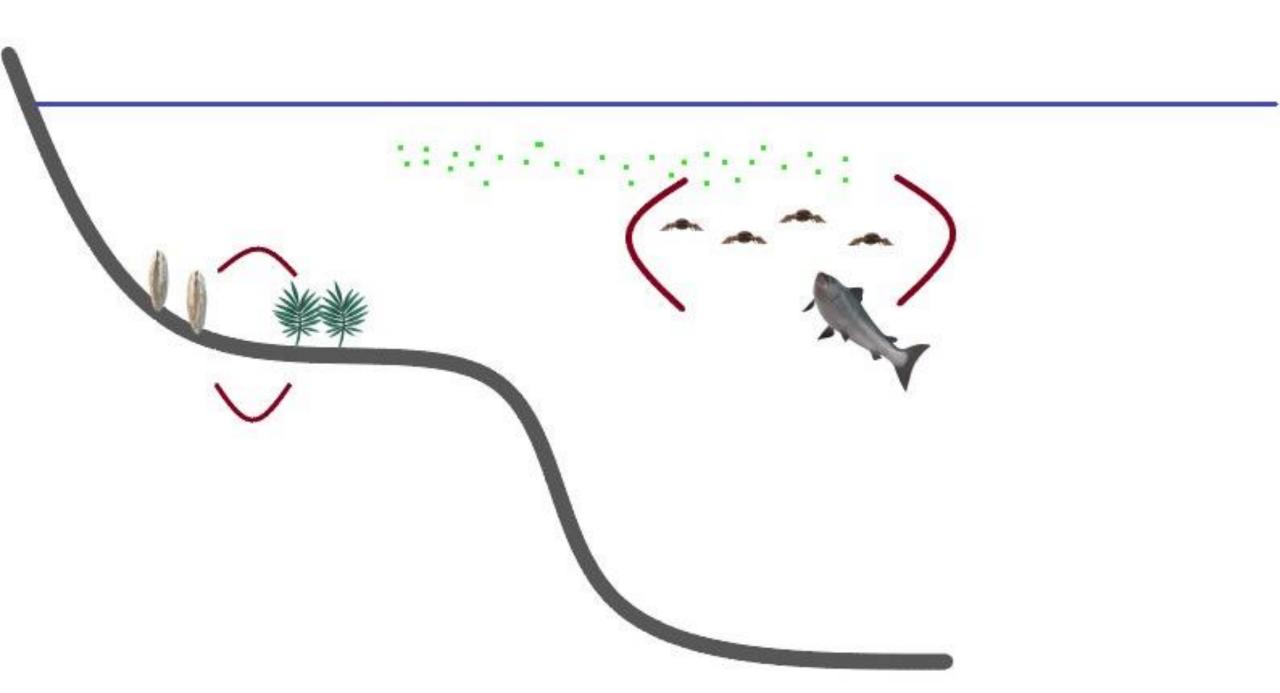
EUTROPHICATION

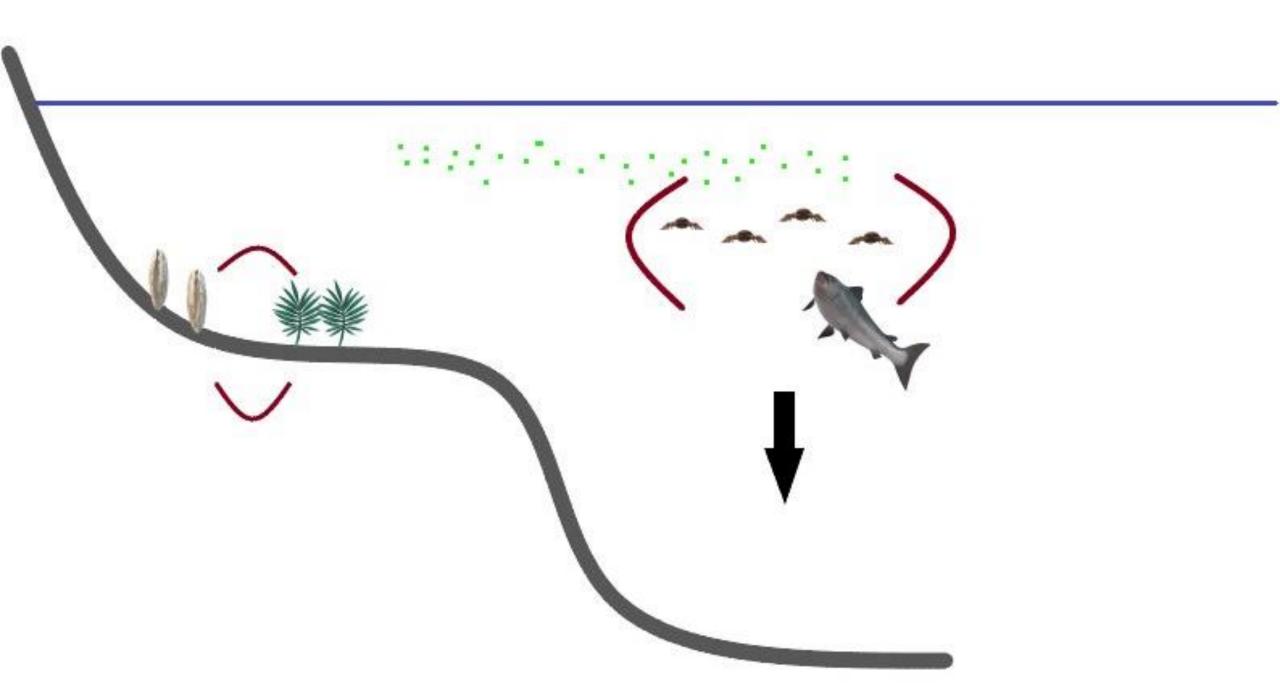
CULTURAL EUTROPHICATION sediment

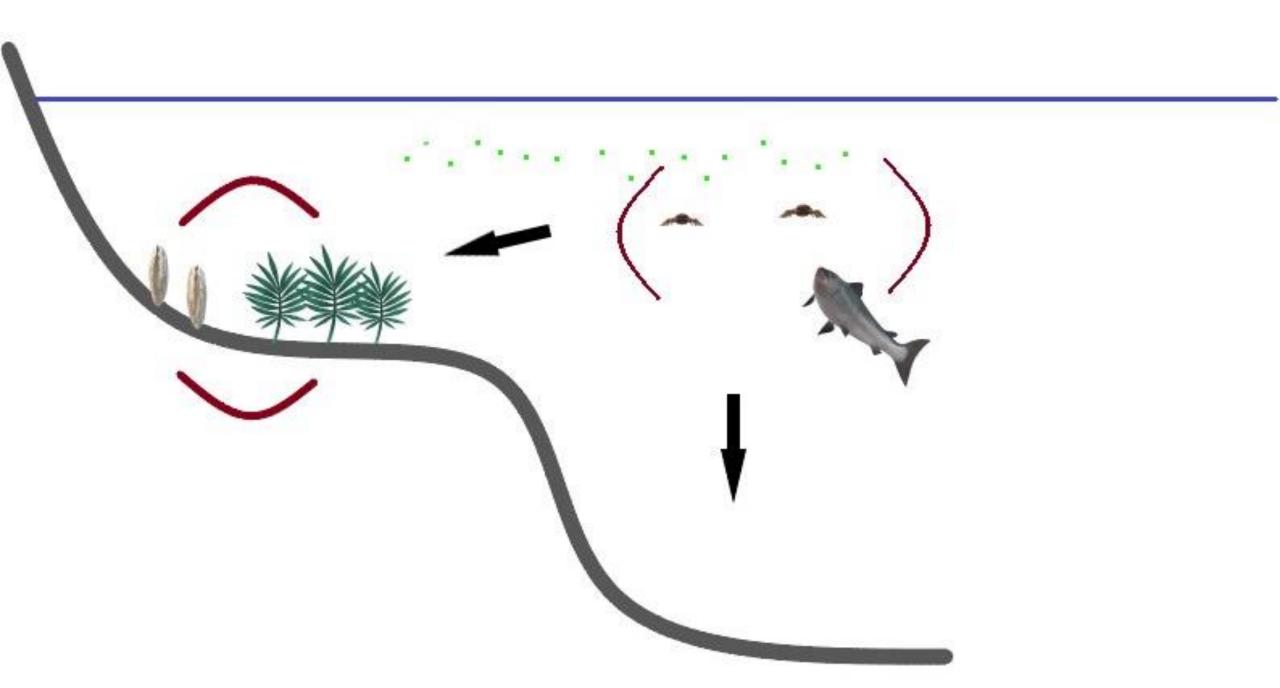
Time: Decades

sediment















EUTROPHICATION

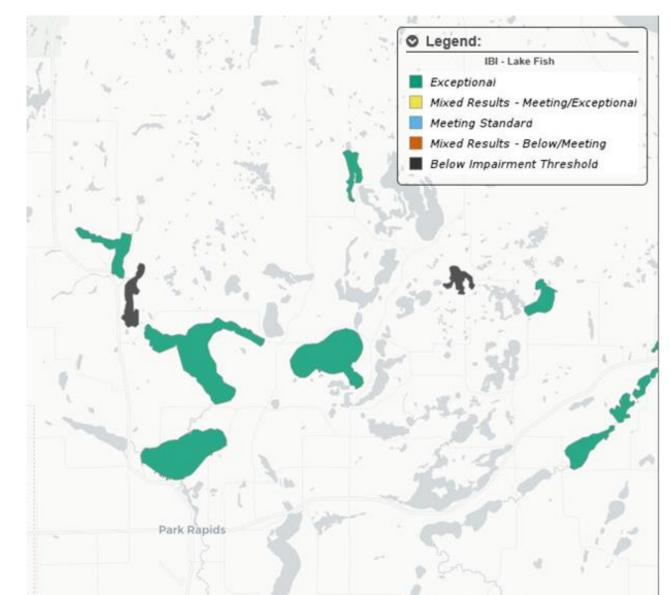
CULTURAL EUTROPHICATION sediment

Time: Decades

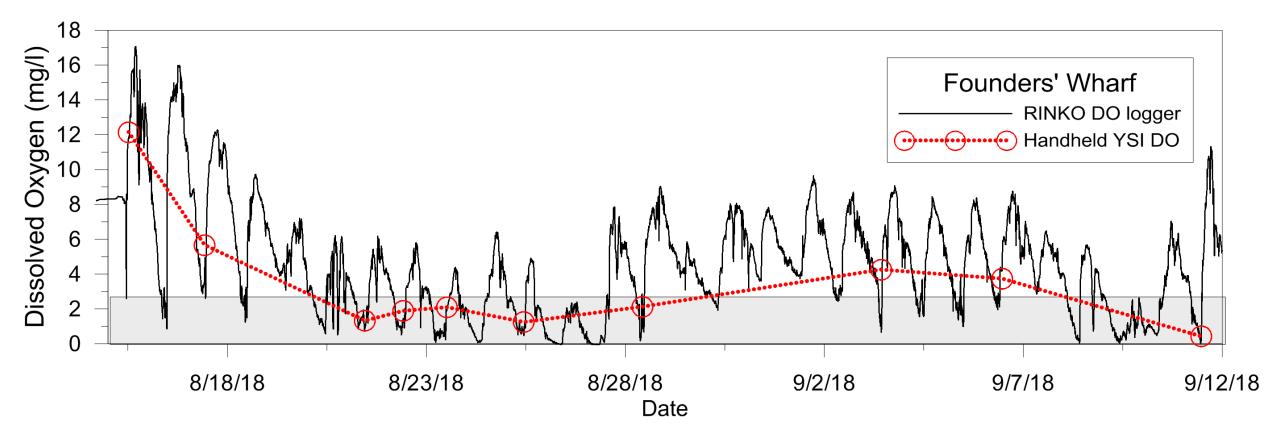
sediment

PLANT INDEX C Legend: IBI - Lake Plant Eutrophication At or above threshold Below threshold Park Rapids

FISH INDEX

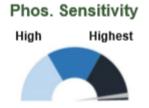


BIOVOLUME



WATERSHED INDEX





WATERSHED INDEX





911b goal

QUESTIONS AND COMMENTS

THANK YOU FOR ALL YOUR EFFORTS. RMB ENVIRONMENTAL LABORATORIES STEVE.HENRY@RMBEL.INFO