

An Aquatic Tour of the Natural (and not so natural) Features of White Lake

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The forming (and reforming) of 'Wa-ba-lac'

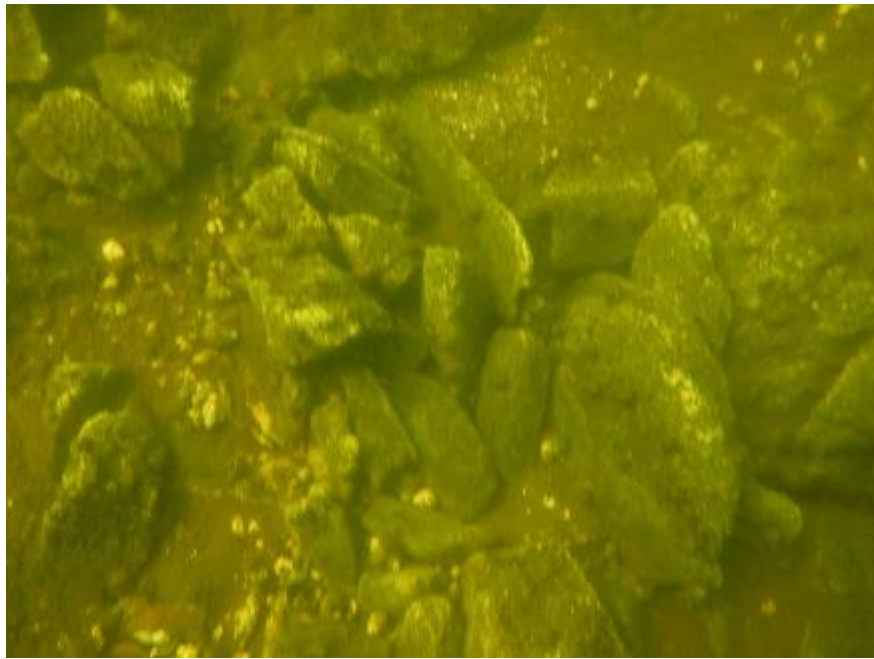


Natural shoreline- defined



Natural shoreline- diffuse

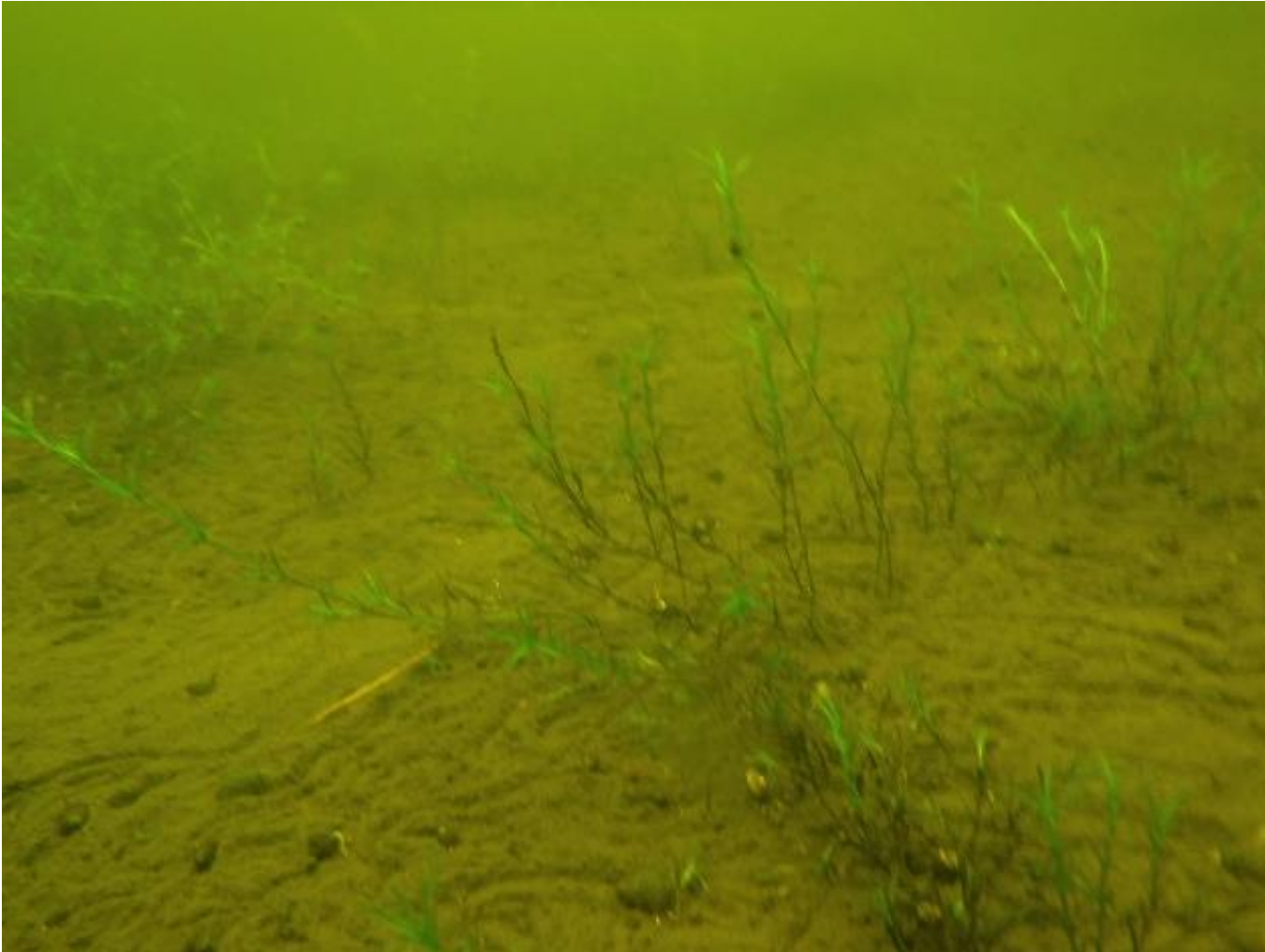




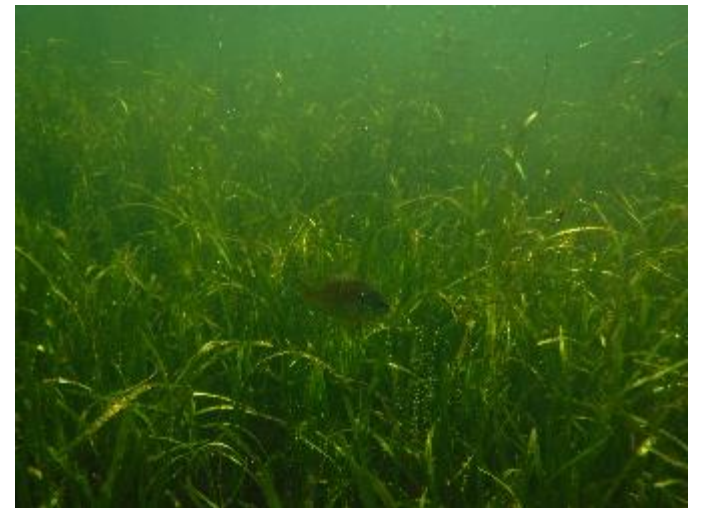
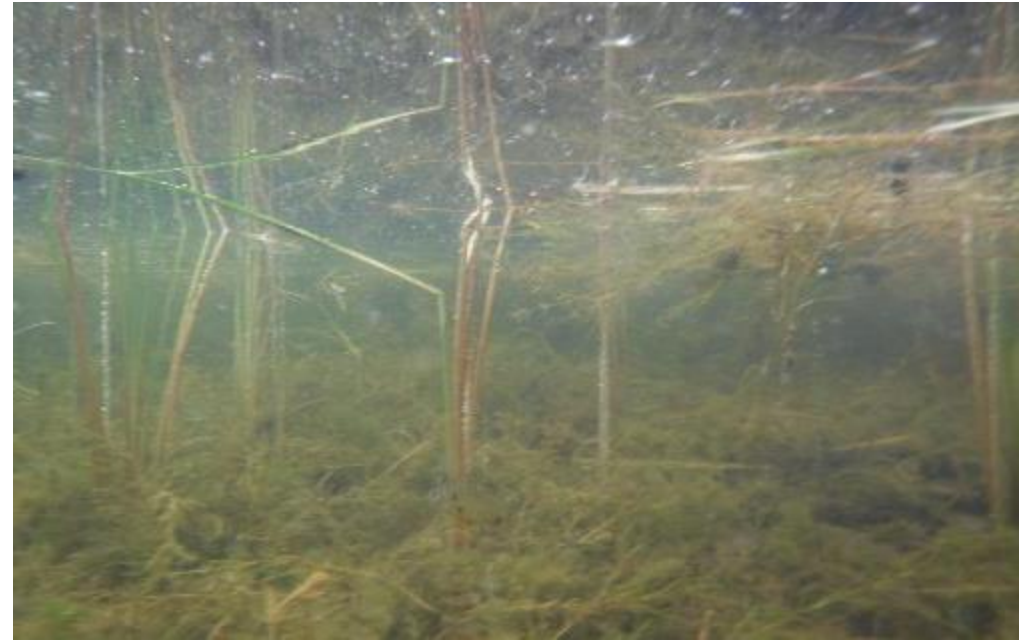
Erosional substrate



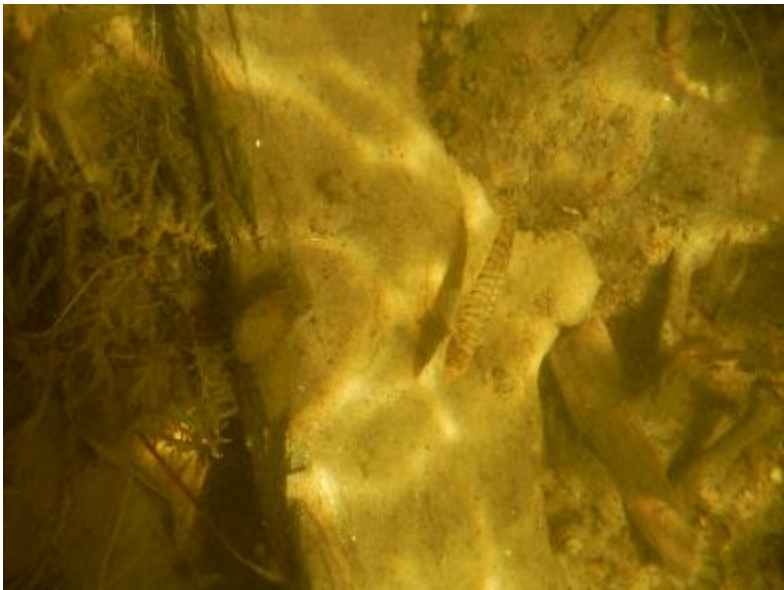
Depositional substrate



Aquatic habitat complexity







Diverse prey



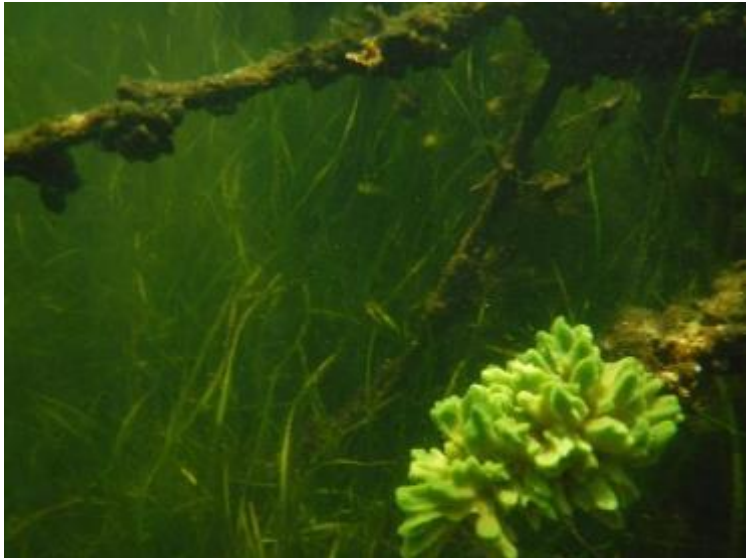
Diverse predators



Diverse users



Diverse morphs



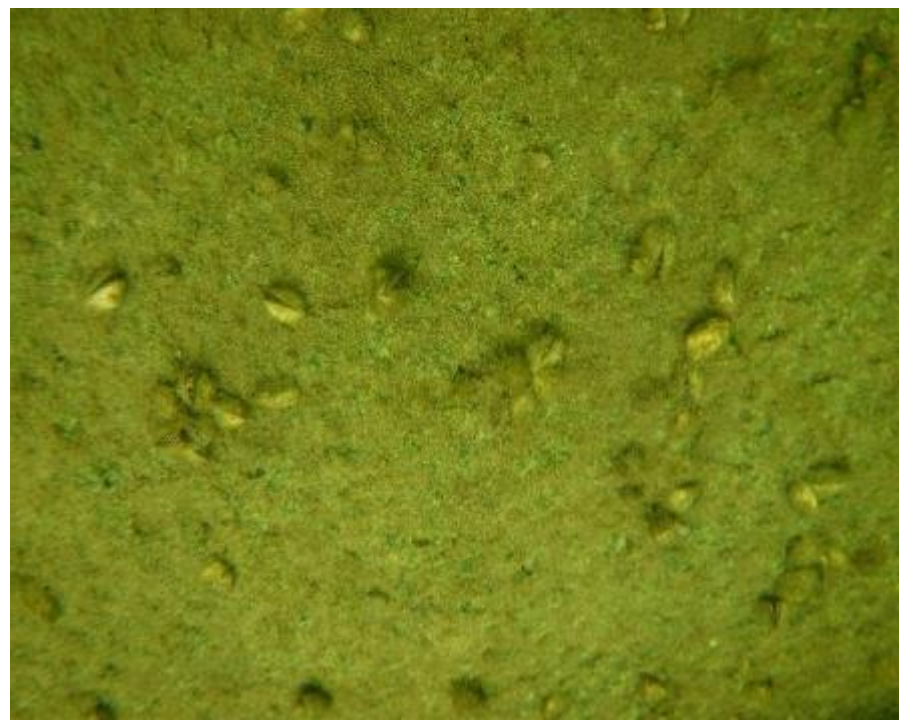
Birch Island



Birch Is (2015)



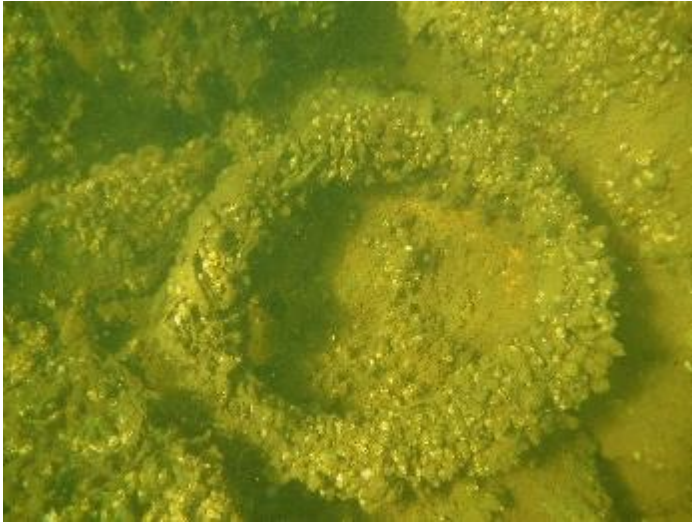
Birch Is (2016)



Birch Is (2017)



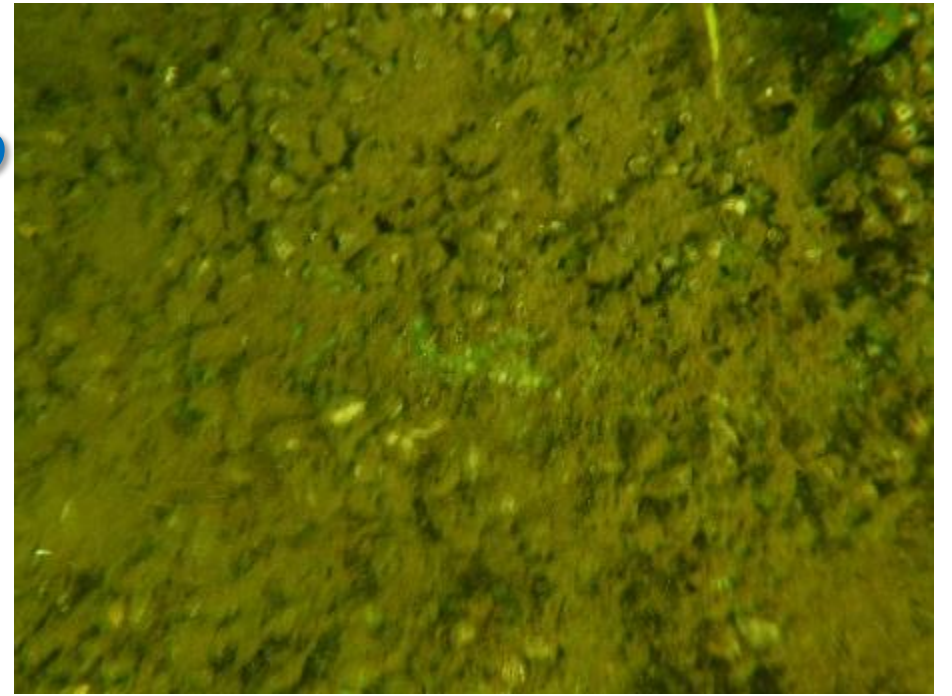
Birch Is (2018)



Birch Is (2018)



Birch Is (2018)- overcapacity?



Birch Is (2018)- resource competition



Filamentous (Green) algae blooms (2018)





Blue green algae blooms



High traffic areas





Amended shorelines





Resuspension



Increased sediments/periphytons



Stressors-morbidity





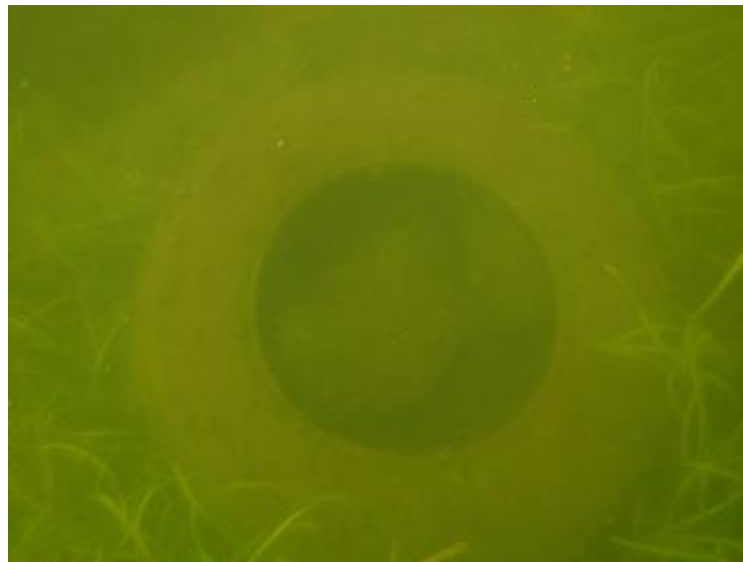
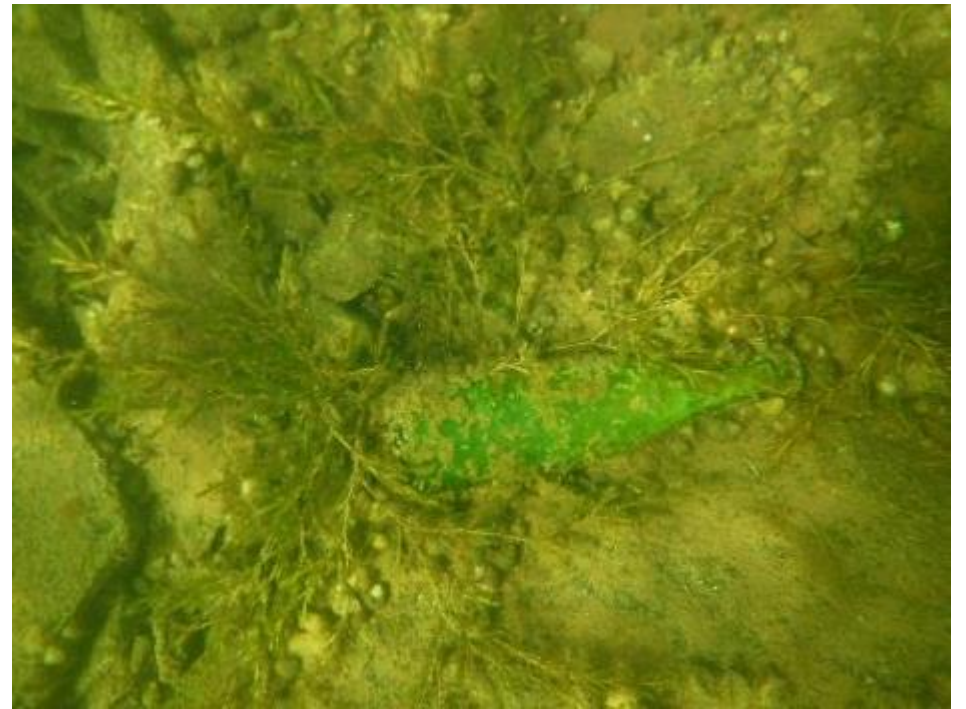
Stressors- mortality



Stressors- the space invader



Objects as refuse



Objects as refugia



Striking a fine balance?



The ultimate invasive species?



The ultimate invasive species control?



THANK YOU!

