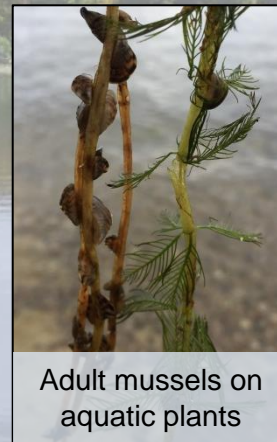
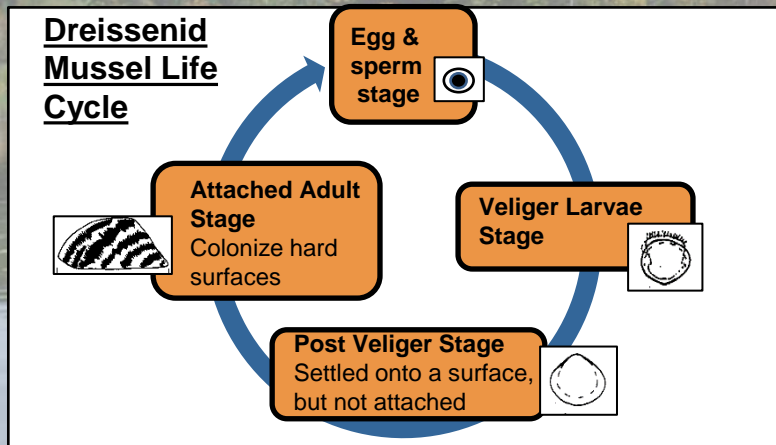


Invasive Mussels in Midland Little Lake

Zebra and Quagga mussels are invasive species that are widespread in Severn Sound, Bass Lake and Lake Couchiching

Little Lake

- Samples were analyzed for the presence of mussel veligers (larvae) from 2011-2020
- One sample in 2015 and one in 2020 showed a small number of veligers
- It's unclear whether these were separate introduction events, or whether there is an established adult population



Results from Veliger Counts of Samples

Year	Samples Counted	Veligers Found?	Date	Density (#/m ³)
2011	4	N		
2012	2	N		
2013	2	N		
2014	2	N		
2015	6	Y	Jul 7	25
2016	6	N		
2017	6	N		
2018	6	N		
2019	6	N		
2020	6	Y	Aug 12	147

- 2016 shoreline surveys showed no evidence of adults on hard substrates, however mussels can attach to aquatic plants
- 2021 - Further investigation using artificial substrates to determine whether an adult population exists

Hard Surfaces Examined in Adult Mussel Survey



Cinder blocks off Sumac Ln (SW shore)



Beach off McMurty Dr (NE shore)



Park dock footing (N shore)

Recreational water users are reminded to Clean, Drain and Dry ALL equipment before it enters the lake, and after it leaves the lake!

For more info on Clean, Drain and Dry protocols, visit: <https://canadainvasives.ca/programs/clean-drain-dry/>

SSEA thanks the Town of Midland for their ongoing support of sampling efforts on Little Lake.

