

























Conclusions

• *Dolichospermum* was the dominant cyanobacterium in Detroit Reservoir 2011-2022

- Dolichospermum DET69 (CYN+) & Dolichospermum DET73 (MC+) are probably the only toxigenic strains in the lake
- Dolichospermum DET69 (CYN+) typically has formed a short spring bloom, with 7epi-CYN levels decreasing since 2018
- Dolichospermum DET73 (MC+) was present through spring and summer, and its importance has increased since 2018
 - Toxicity in Detroit Reservoir decreased 2018 through 2022
- A variety of taxa (diatoms, flagellates) have been present at increased levels during this period