Hydrilla verticillata

Serrated leaves

5 leaves per whorl

Tubers
2021

Mosquito Creek
Alum Creek

Management proposals

No new detections in OH Lake Erie basin

19 counties
24 waterbodies
Under management

No longer detectable

Management planned

19 counties
24 waterbodies
Waiting on Ohio EPA permit

80-acre treatment

Fluridone approach in 2022
Alum Creek Lake

October 2021
<table>
<thead>
<tr>
<th>Mosquito</th>
<th>Alum</th>
</tr>
</thead>
<tbody>
<tr>
<td>La Due Reservoir</td>
<td>Hoover Reservoir</td>
</tr>
<tr>
<td>Berlin Lake</td>
<td>Delaware Lake</td>
</tr>
<tr>
<td>Lake Milton</td>
<td>Buckeye Lake</td>
</tr>
<tr>
<td>West Branch Reservoir</td>
<td>Westerville Reservoir</td>
</tr>
<tr>
<td>East Branch Reservoir</td>
<td>Scioto River</td>
</tr>
<tr>
<td>Punderson State Park</td>
<td>Knox Lake</td>
</tr>
<tr>
<td>Meander Creek Reservoir</td>
<td>Deer Creek Lake</td>
</tr>
<tr>
<td></td>
<td>Indian reservoir</td>
</tr>
</tbody>
</table>
Yellow floating heart – OIPC project starting in 2022
4 instances since 2017 of water hyacinth and water lettuce dumped in public waterbodies

Bacci Park

Ohio Erie Canal (2)

North chagrin strawberry pond
Eurasian watermilfoil genotype survey

Montana State University
Dr. Ryan Thum

Vulnerability to herbicide

Want more Ohio samples
Milfoil Results

One is and EWM strain that is widespread throughout the Great Lakes and beyond. This strain appears to be sensitive to 2,4-D and fluridone, based on laboratory assays. However, this strain is a strong/fast grower, which we hypothesize might translate to quick rebound from 2,4-D spot treatments.

The second EWM strain we have seen commonly in Michigan and beyond. This strain is worth paying close attention to in the field. It is a fairly fast grower and may exhibit a slightly lower response to auxinic herbicide than other strains. We have also seen the second strain across Michigan.
Keep an 🌡️ глаза out for aquatic plants

2021 – Myriophyllum heterophyllum or pinnatum?

2022 – Andrew Lane Gibson
(stolen from his Instagram)
Hottonia inflata
American featherfoil
Ohio Aquatic Invasive Plant Update
Mark Warman
mjw1@clevelandmetroparks.com
5-13-2022