

Current Status of Winged Mapleleaf Propagation in Minnesota

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Late April to Mid-June, 2008:

- checked 2007 cages in St. Croix River at Hudson and Mississippi River/Lake Pepin at Frontenac**
- retrieved and cleaned winged mapleleaf juveniles from cage at Hudson**
- placed 10 winged mapleleaf into two silos at Mississippi River/Hidden Falls**

Late April to Mid-June, 2008:

- placed remaining 11 winged mapleleaf into cage in St. Croix River at Houlton, Wisconsin
- placed 500 host channel catfish into cages at Houlton
- following winged mapleleaf dropoff, removed and destroyed host channel catfish from cages in St. Croix River at Houlton

Location of winged mapleleaf cages in St. Croix River at Houlton, Wisconsin

winged mapleleaf cages

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3305 ft

15 T 517744.90 m E 4986927.71 m N

Eye alt 11429 ft





winged mapleleaf silos

Location of winged mapleleaf silos in Mississippi River at Hidden Falls Park, St. Paul

2500 ft

485658.21 m E 4970977.36 m N

Apr 2006

Google

Eye alt 8645 ft



July 3 – juvenile winged mapleleaf in cages, St. Croix River, Houlton, WI

Contents of cage at Hudson Narrows, St. Croix River, before half of the winged mapleleaf were removed to be taken to silos in Mississippi River at Hidden Falls.





Along the Mississippi River at Hidden Falls, preparing silo for juvenile winged mapleleaf.



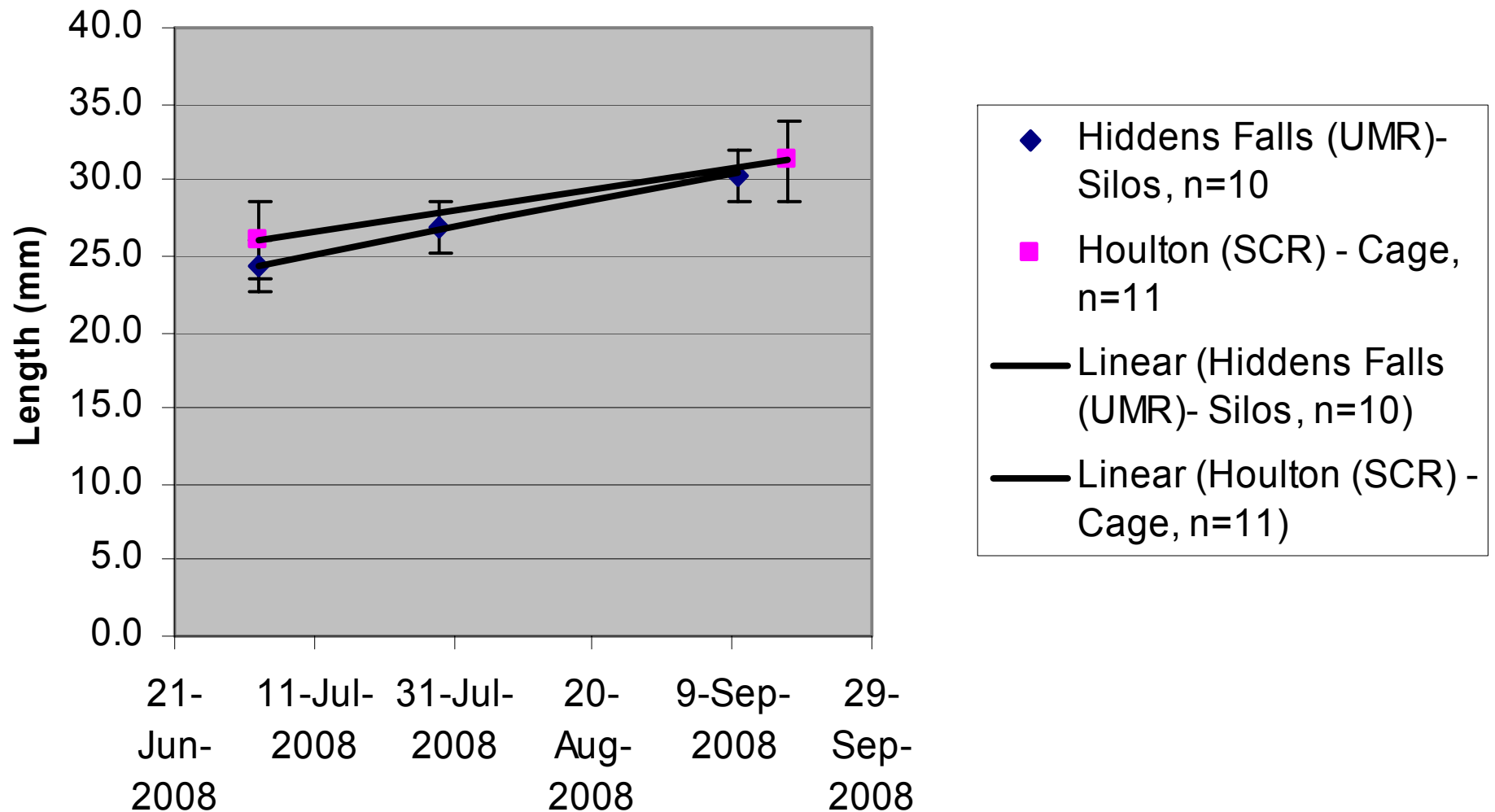


Silos were placed 26 meters out from third large snag.





July 29 – rechecked status of 10 winged mapleleaf in Mississippi River at Hidden Falls



Comparison of juvenile winged mapleleaf average growth between Mississippi River at Hidden Falls, St. Paul and St. Croix River at Houlton, Wisconsin.

Location of adult winged mapleleaf used in propagation

Image © 2008 DigitalGlobe
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6692 ft

15 T 526411.31 m E 5026428.45 m N

Jun 2003

Eye alt 23135 ft



Sept. 2008 - Adult winged mapleleaf collected and placed into aggregation.



Transect line at Interstate Park

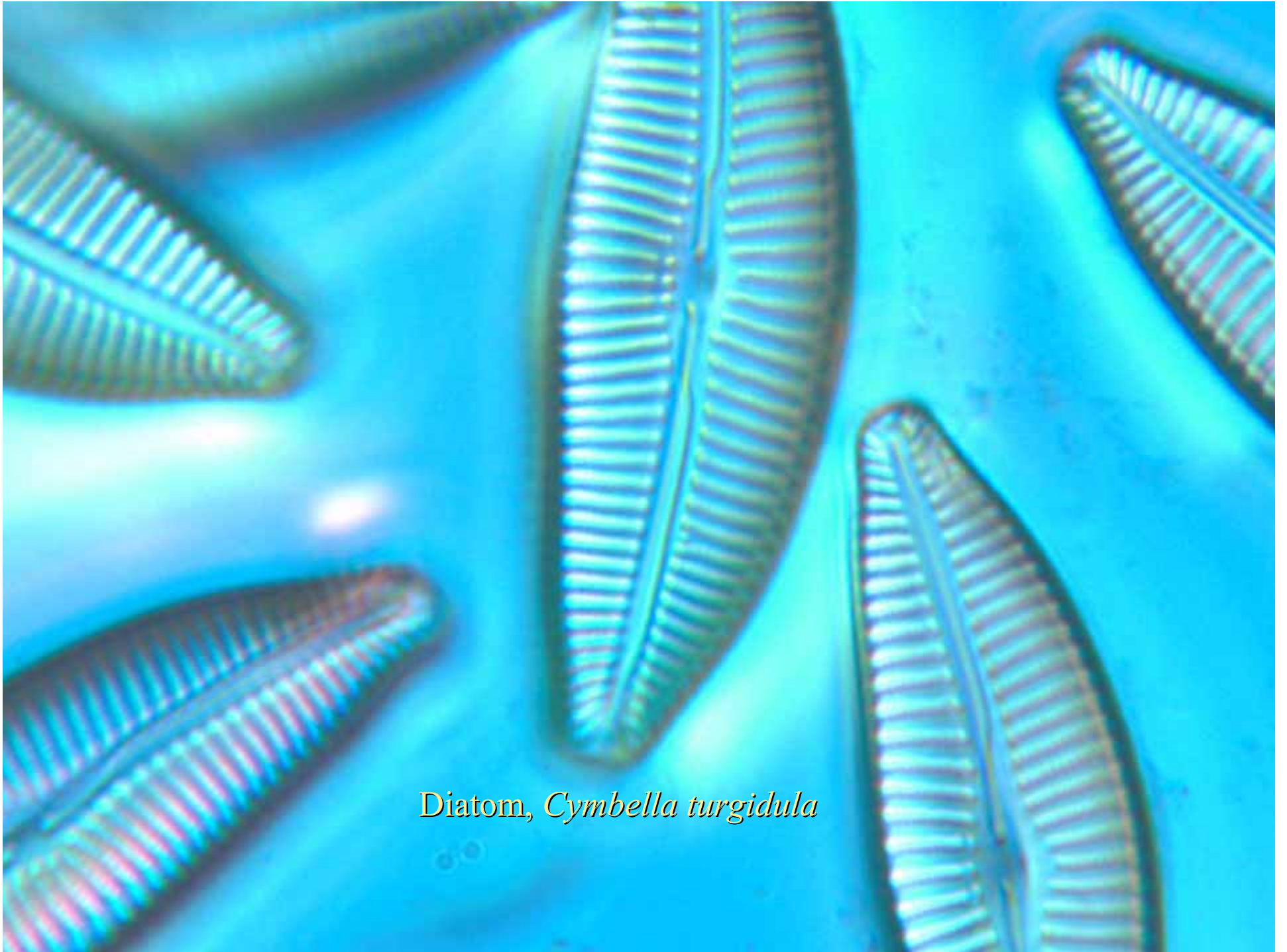




Winged mapleleaf along transect line almost gravid



Darter surrounded by algae at aggregation site



Diatom, *Cymbella turgidula*




Displaying winged mapleleaf at
midnight, Sept. 2008

Winged mapleleaf completely out of substrate and displaying at midnight, Sept. 2008









The end.