

River Herring Network

Seventh Annual Meeting – Hosted by the Town of Sandwich

Thursday November 2, 2017

Sandwich Town Hall

&

Field Trip to Mill Creek Upper Shawme Pond Dam and Fishladder



Catching up with colleagues before the meeting starts





David DeConto tells us about the Sandwich Herring Run on Mill Creek



Brad Chase gives an update on the MA DMF Diadromous Program activities

Ben Gahagan shares lessons learned with video and Smith Root electronic counters

SR-1601 ELECTRONIC RESISTIVITY COUNTER

- The most important consideration is FLOW, both linearity and velocity
 - River herring are strongly rheotaxic (orient to flow) so it is important to give them a 'clean' approach with minimum of conflicting flows, eddies, etc.
 - Counter performance depends on fish passing through the tubes quickly. High velocities and low velocities can lead to counting error, poor passage efficiency, and migratory delays
 - VELOCITIES OF 3 TO 5 FEET PER SECOND ARE IDEAL



Andy Hrycyna tells us about the herring count on the Mystic River, and the watershed association's efforts to crowd source video counts



Lunchtime Breakout Session – Transportation Infrastructure Issues



Lunchtime Breakout Session – Transportation Infrastructure Issues



Lunchtime Breakout Session – Aquatic Invasive Species Issues



John Sheppard moderates AND gives a talk on the status of river herring populations

STATE-WIDE, REGIONAL AND COAST-WIDE STATUS OF RIVER HERRING POPULATIONS

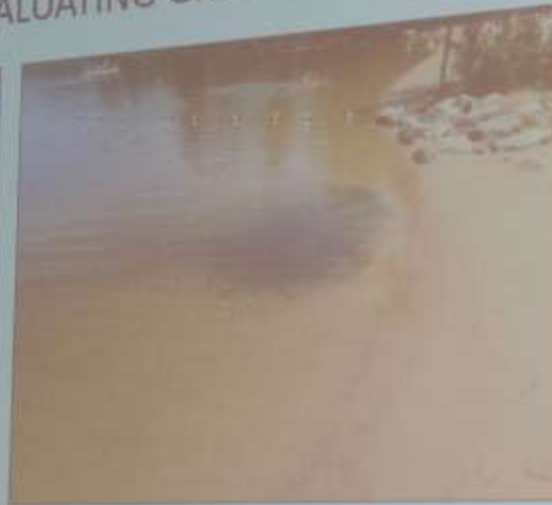
John Sheppard
Diadromous Fisheries Biology, Management
and Restoration Project

Marine Fisheries
Commonwealth of Massachusetts



Matt Devine explains the different methods for capturing and sampling juvenile river herring in ponds

JUVENILE RIVER HERRING IN LAKES: SAMPLING APPROACHES FOR EVALUATING GROWTH AND SURVIVAL

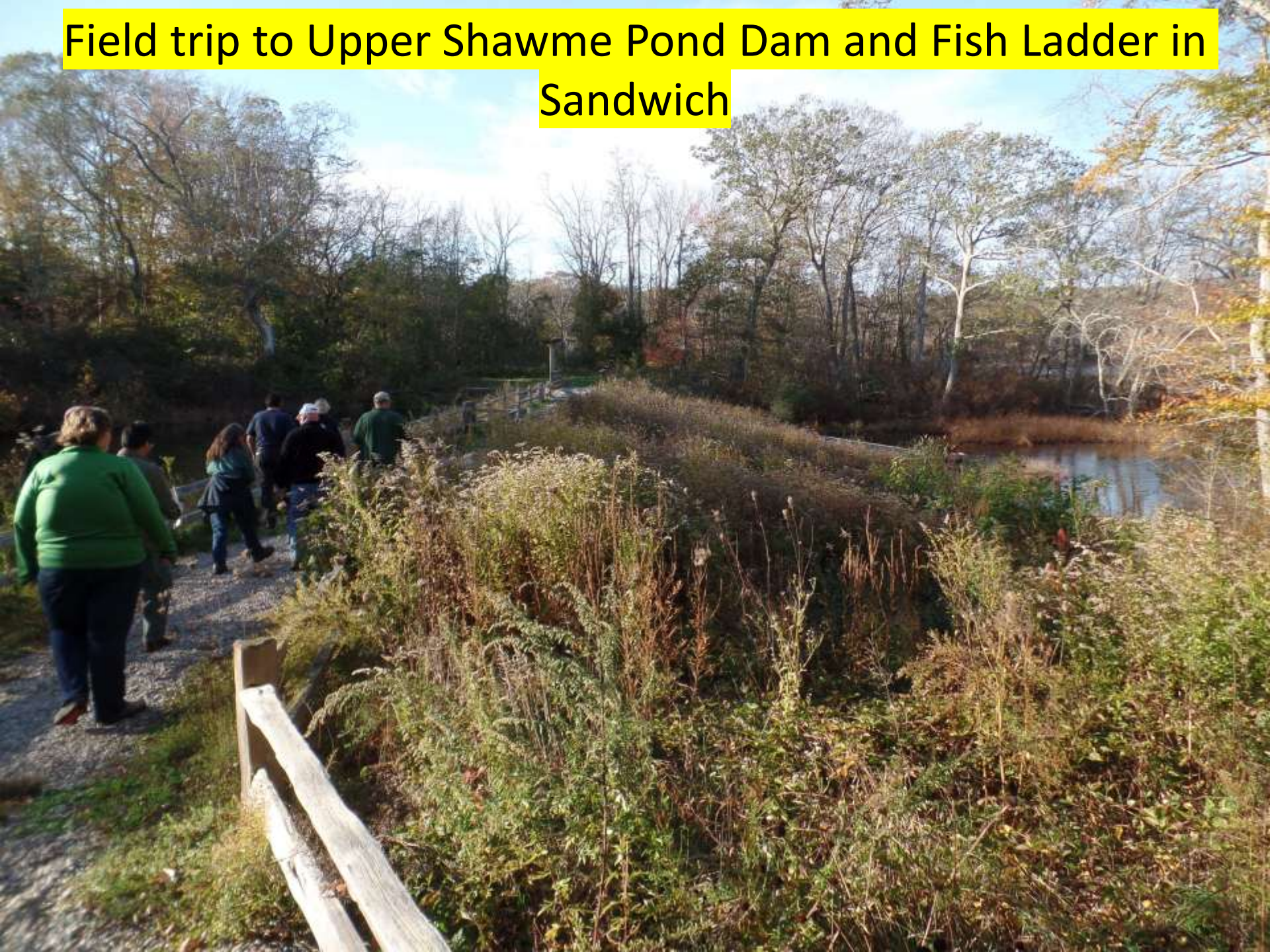


Massachusetts River Herring Network – Seventh Annual Meeting
Thursday November 2, 2017
Sandwich, MA

Matt Devine - University of Massachusetts Amherst



Field trip to Upper Shawme Pond Dam and Fish Ladder in Sandwich



Josh Wrigley leads the field trip







PLAQUE
The plaque on the stone monument contains text, likely a dedication or historical information, but the text is illegible due to the image resolution.