

STUDY PERFORMANCE REPORT

State: Michigan

Project No.: F-80-R-7

Study No.: 230682

Title: Pond rearing of juvenile lake sturgeon

Period Covered: October 1, 2005 to September 30, 2006

Study Objective: To determine the relationship between initial size, rearing density, and growth rate and survival of age-0 lake sturgeon in rearing ponds, and to measure size-dependent vulnerability to piscivores such as walleye.

Summary: Only Job 5 was active this year, the writing of the final report. This study was amended in 2006-07 to extend the study for one additional year. Because of other assignments, insufficient time was available to complete the final report. The one-year extension will also permit the analysis of additional information on the development of scutes in juvenile lake sturgeon *Acipenser fulvescens* that is underway at Eastern Michigan University under the direction of Dr. Uli Reinhardt and Martin Brown (Brown 2004).

Findings: Only Job 5 was scheduled for 2005-06, and progress is reported below.

Job 5. Title: Write final report.—This progress report has been prepared. Writing of the final report is delayed as indicated under “Summary” above and in the amendment for 2006-07.

Literature Cited:

Brown, Martin J. 2004. Conservation of threatened juvenile lake sturgeon (*Acipenser fulvescens*): research on their predator-prey interactions. Master’s thesis. Eastern Michigan University, Ypsilanti.

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Date: September 30, 2006