

STUDY FINAL REPORT

State: Michigan

Project No.: F-81-R-7

Study No.: 230661

Title: Evaluation of lake sturgeon *Acipenser fulvescens* populations in northern Michigan

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

Study Objective: (1) To verify presence of larval lake sturgeon in selected rivers in Upper Peninsula watersheds that are suspected of supporting spawning runs to determine if lake sturgeon are successfully reproducing in those rivers; (2) to determine early (larval and juvenile) life history of lake sturgeon from Sturgeon River/Portage Lake (Houghton and Baraga Co.), Indian Lake (Schoolcraft Co.), and Green Bay/bays de Noc stocks, and identify habitat requirements of young lake sturgeon; (3) to tag adult lake sturgeon spawning in Sturgeon River and tributaries of Green Bay to monitor lake sturgeon movement, composition of the spawning stock, and degree of spawning stream fidelity.

Findings: Only Job 7 was scheduled for 2005-06, and progress is reported below.

Job 7. Title: Publish Final Report.—Results of this study are published as:

Baker, E. A. 2006. Lake Sturgeon Distribution and Status in Michigan, 1996–2005. Michigan Department of Natural Resources, Fisheries Technical Report 2006-4, Ann Arbor.

Prepared by: Edward A. Baker

Date: September 30, 2006