

## STUDY PERFORMANCE REPORT

**State:** Michigan

**Project No.:** F-81-R-8

**Study No.:** 230680

**Title:** Patterns in community structure, life histories, and ecological distributions of fishes in Michigan rivers

**Period Covered:** October 1, 2006 to September 30, 2007

**Study Objectives:** 1) To develop models that explain abundance patterns of the most common fishes in Lower Michigan streams; 2) to evaluate the role of landscape-scale characteristics of streams in favoring fishes having particular life history characteristics; 3) to develop an atlas describing the geographic and ecological distributions of fishes in Lower Michigan streams.

**Summary:** A report on relationships between species abundance and key habitat variables is in the publication process.

**Findings:** Only Job 5 was scheduled for 2006-07, and progress is reported below.

**Job 5. Title:** Write report.—The report “Relationships between habitat and fish density in Michigan streams” was completed and is currently in the Fisheries publication process as a research report.

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**Date:** September 30, 2007