

## STUDY FINAL REPORT

**State:** Michigan

**Project No.:** F-53-R-15

**Study No.:** 453

**Title:** Population dynamics of contemporary  
yellow perch and walleye stocks in  
Michigan waters of Green Bay, Lake  
Michigan

**Period Covered:** April 1, 1998 to September 30, 1999

**Study Objective:** (1) To assemble yellow perch and walleye catch and effort data from the sport and/or commercial fisheries; and, where data are available, determine age and size composition, growth, and mortality of fish in those catches; (2) to establish indices of abundance for pre-recruit yellow perch and walleyes and similar indices for populations not monitored by sport or commercial fisheries; (3) to determine discreteness of yellow perch and walleye populations, and movements and range of these populations; (4) to determine interspecific relationships (food habits, predation, and competition for food and space); (5) to determine standing crop and harvestable surplus for yellow perch and walleye populations.

**Findings:** Results of this study are given in the following report:

Schneeberger, P. J. In press. Population dynamics of contemporary yellow perch and walleye stocks in Michigan waters of Green Bay, Lake Michigan, 1988-96. Michigan Department of Natural Resources, Fisheries Research Report, Ann Arbor.

**Prepared by:** P.J. Schneeberger

**Date:** September 30, 1999