

Stott – Interim Report

The DIDSON sonar was deployed as planned from early February to the middle of May. Therefore, we believe we encompassed the entire spawning season for Northern Pike and most of the Common Carp spawning migration. I am currently processing this data as well as collecting individuals of Northern Pike, Common Carp, Longnose Gar, and Bowfin to create a model to better estimate the identification of ensonified fishes. Thus far, discriminating between these species appears to be possible. However, more individuals are needed to increase statistical power. The population estimate portion of my research has not been completed yet as I was unable to acquire enough fyke nets in time. Because of the generosity of The Garden Club of America, I could purchase the remaining nets that are needed. Therefore, we will begin estimating the size of the Northern Pike populations within each Lake Erie coastal wetland shortly after ice out this coming spring.

Expenditures:

Fyke nets: Four of them for \$3740

Technician: 120 Hours \$960

Mileage: 566 miles \$300