

ACES Project Summary: Part 2 Performance Report

Period Covered by the Report: 12/31/01 – 12/31/02
Date of Report: 12/31/02
EPA Agreement Number: R827072-02
Title: Role of Invasive Species in Shaping Plant-Animal Interactions in the Mobile Delta
Investigators: Dr. Anne Boettcher, Dr. Timothy Sherman, and Dr. John Valentine
Institution: University of South Alabama and Dauphin Island Sea Lab
Research Category: Small Grant for Exploratory Research

Changes in Scope or Objectives:

A supplemental grant entitled, “Role of Invasive Species in Shaping Diversity of Aquatic Vegetation in the Mobile-Tensaw River Delta” to A. Boettcher and T. Sherman was funded during 2001 cycle. This grant provided funding for a second year of plant sampling, which was completed during the summer of 2002. Analyses are currently being carried out on data from both years of sampling.

Comparison of Completed to Projected Research Progress

All field sampling has been completed and all plant and physical data entered into a database. Analyses will be completed during spring 2003. A MS student, Anna Penton, funded through the supplemental grant (see above) is completing the macroinvertebrate bio-inventory and analyses of this data as a component of her MS thesis research.

Report of Expenditures to Date

Item	Budget	Expenditure*	Remaining
Personnel	15,511 ¹	15,458	53
Fringe Benefits	2,278	1,640	638
Materials/Supplies	4,000	5,464	-1,464
Consultant/contracts	5,900 ¹	4,101	1,799 ²
Total Direct	27,689	26,663	1,026
FA Cost	6,424	6,186	238
Total Cost	34,113	32,849	1,264

*Expenditures as of 11/06/02 reporting period. ¹Original personnel budget 19,511 and consultant/contract budget 1,900 in a revised budget \$4,000 transferred from personnel to subcontract. ²Funds will be used to pay for analyses during Spring 2003.

Note: A no cost extension through June 2003 was granted.

Publications/Presentations:

Penton, A., J. Valentine, J. McClintock, C. Amsler, T. Sherman, and A. Boettcher. 2002. Role of invasive species in shaping plant-animal interactions in the delta. Oral presentation, ACES Scientific Advisory Committee Meeting. Dauphin Island Sea Lab, Dauphin Island, AL. May 2002.