

Region 3 Endangered Species Section 6 Project

Propagation of Endangered Native Mussels for Research and Recovery

**Grant Agreement E-4-R-1, Amd. #2  
Year 3 of 3 Workplan**

**Date Prepared:** 21 July 2008

**Study Duration:** October 1, 2006–August 31, 2009

**Project Objectives:**

- 1) Continue ongoing development and refinement of methods for the propagation and laboratory culture of freshwater mussel species, including federally endangered species.
- 2) Investigate growth and survival of caged, propagated juvenile mussels at selected sites in order to assess suitability of those sites for population restoration.
- 3) Continue to propagate, grow out, release, and subsequently monitor, federally endangered and candidate species at selected sites in Missouri.

**YEAR 3 WORK SCHEDULE: September 1, 2008–August 31, 2009**

Tasks	S	O	N	D	J	F	M	A	M	J	J	A
<b>Lab</b>												
Propagate juveniles									X	X	X	X
Laboratory culture of propagated juveniles	X	X	X	X	X	X	X	X	X	X	X	X
Study of selectivity in feeding				X	X	X	X					
<b>Field</b>												
Field culture of propagated juveniles	X	X	X	X	X	X	X	X	X	X	X	X
Collect glochidia								X	X	X	X	
Mark & release of propagated juveniles											X	X
<b>Reporting</b>												
Annual report preparation	X	X	X									
Final Report preparation												X
Presentations at MNRC, FMCS					X		X					

**YEAR 3 PROJECT BUDGET: September 1, 2008–August 31, 2009**

Costs	Amounts
Contract to University (PI salary & benefits, student wages & benefits, aquaculture supplies & reagents, travel to field sites)	\$ 33,300.00
Project Total	\$ 33,300.00
MDC Share (25%)	\$ 8,325.00
Fed. Share (75%)	\$ 24,975.00