	CALFed Progress Questionnaire ConfirmationNumber
Sea Grant	California Sea Grant College Program   20080407162321
California	ProjectYear_2A 1st Year ProjectNo_2C R/SF-17
Printed: 4/25/200	
Preparer Informatio	n
PrepName_1A	Christine Whiteraft
PrepEmail_1B	cwhitera@gmail.com
PrepPhone_1C	415-338-3704
<b>Project Information</b>	
ProjectNo_2C	R/SF-17 StartDate_3a March 1 2007 EndDate_3b March 1 2008
ProjectTitle_4	
CALFed Fellow cont	
FelTitle_5A	Dr FelLast_5B Whitcraft FelFirst_5C Christine Fellnit_5D R
FelInstitution_5E	San Francisco State University San Francisco Bay National Estuarine Research Reserve
FelDepartment_5F FelStreetAddr_5G	3152 Paradise Dr
_	Sission FelState_5I CA FelZip_5J 94920
FelCity_5H FelPhone_5K	Hourdin     Forenacion     Exception     94320       415-338-3704     FelFax_5L     415-435-7120
FelEmail_5M	cwhitera@gmail.com
FelPositionTitle_5N	post-doctoral fellow
-	
Research Mentor (f	for additional please see #8)
RMTitle_6A	Dr RMLastName_6B Talley RMFirstName_6C Drew RMInit_6D M
RMInstitution_6E	San Francisco State University
RMDepartment_6F	SF Bay NERR
RMStreetAddr_6G	3152 Paradise Dr
RMCity_6H	Tiburon RMState_6I CA RMZip_6J 94920
RMPhone_6K	<u>415-338-3724</u> <b>RMFax_6L</b> <u>415-435-7120</u>
RMEmail_6M	dtalley@sfsu.edu
RMPositionTitle_6N	research coordinator
Community Mentor	(for additional please see #9)
CMTitle_7A	CMLastName_7B Wallace CMFirstNamt_7C Ben CMInit_7D
CMInstitution_7E	Solano Land Trust

	nt College Program	ProjectYear_2A	1st Year	ProjectNo_2C	R/SF-17		
CALFed Progress (	Questionnaire	TypeQuestionnaire_2B	Interim Ques	stionnaire			
CMDepartment_7F							
CMStreetAddr_7G	1001 Texas Street, Su	iite C					
CMCity_7H	Fairfield	CMState_7I CA CMZip_7J	94533				
CMPhone_7K	(707) 432-0150 x	CMFax_7L					
CMEmail_7M	ben@solanolandtrust	.org					
CMPositionTitle_7N	conservation project	manager					
	arch Mentors_8 esearch mentors		No.addition	ommunity Mentors_9 al.community.mentor			

## ProjectObjectives\_10

On the Rush Ranch property (as a portion of the Suisun Marsh), our objective was to examine the hypothesis that invasive plants affect biodiversity of microalgae and invertebrate communities, with significant consequences for the trophic function of estuarine ecosystems. The overall goals are to (1) identify key functional differences among invaded and natural areas within the marsh, (2) to document if these differences are pervasive across different invader species (phenotype and genotype), disturbance scales, and patch sizes, and (3) to develop the best methods of eradication in a setting where there are numerous constraints (permits; access; competing interest groups; presence of several listed species).

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California Sea Grant College Program CALFed Progress Questionnaire	ProjectYear_2A     1st Year       TypeQuestionnaire_2B     Interim Que	ProjectNo_2C <u>R/SF-17</u> stionnaire	
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PROJECT MODIFICATIONS: Please explain	any substantial modifications in researcl	h plans, including new	

directions pursued. Describe major problems encountered, especially problems with experimental protocols and how they were resolved. Describe any ancillary research topics developed.

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Publications 14

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California Sea Grant College Program CALFed Progress Questionnaire

COOPERATING ORGANIZATIONS: List those agencies and/or persons who provided financial, technical or other assistance to your project since inception. Describe the nature of their collaboration.

## CoopOrganiz\_15

USDA - Exotic and Invasive Weeds Research (collaboration with Brenda Grewell on the eradication experiment conducted in t seasonal wetland). Dr. Grewell has donated her time and expertise to the field work portion of this project.	he

AWARDS: List any special awards or honors that you, or mentor or members of the research team, have received during the duration of this project.

Awards 16	
n/a	

## KEYWORDS: List keywords that will be useful in indexing your project.

## Keywords\_17

Perennial pepperweed, Lepidium latifolium, invasive, weed management, benthic, stable isotope analysis, Rush Ranch

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