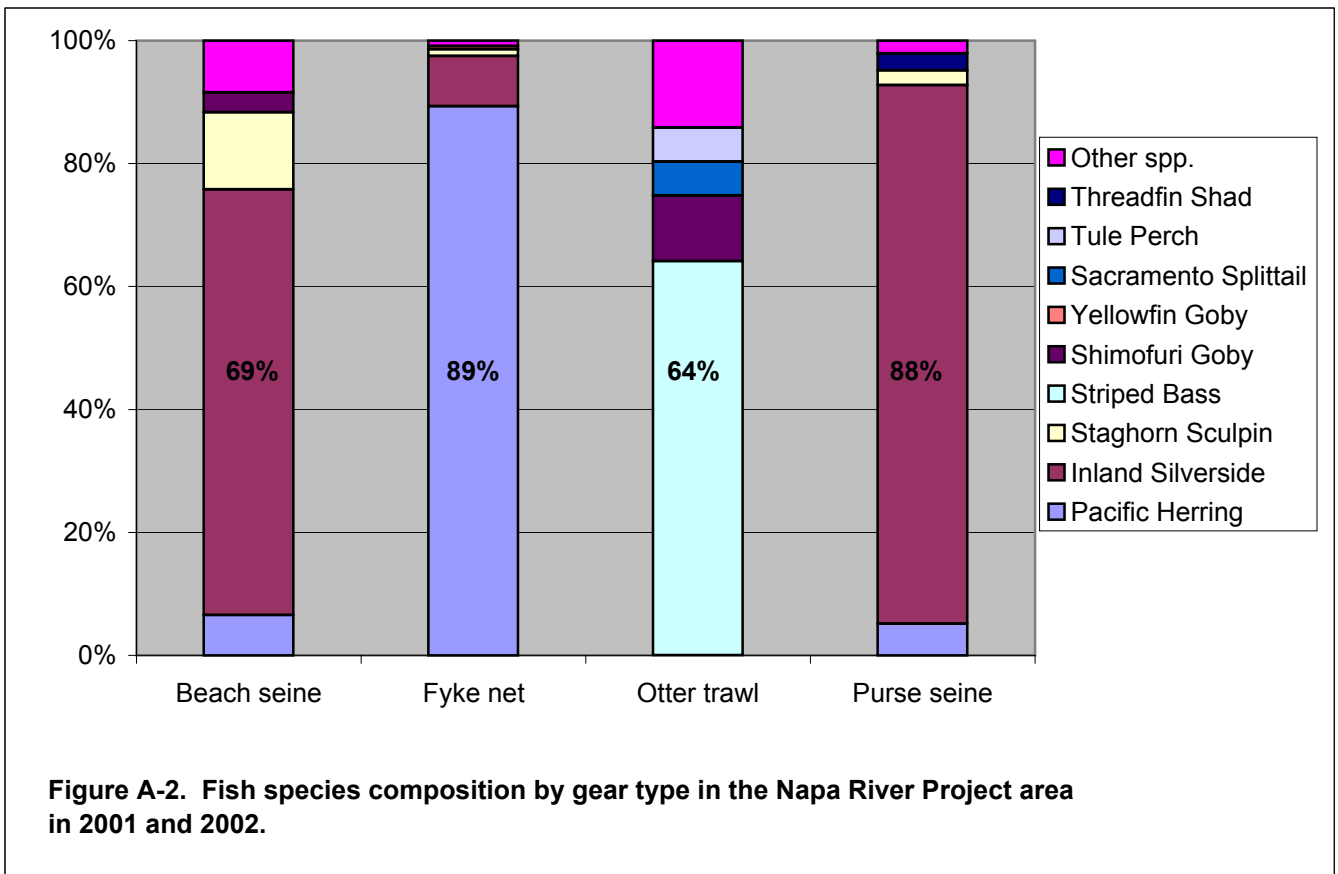
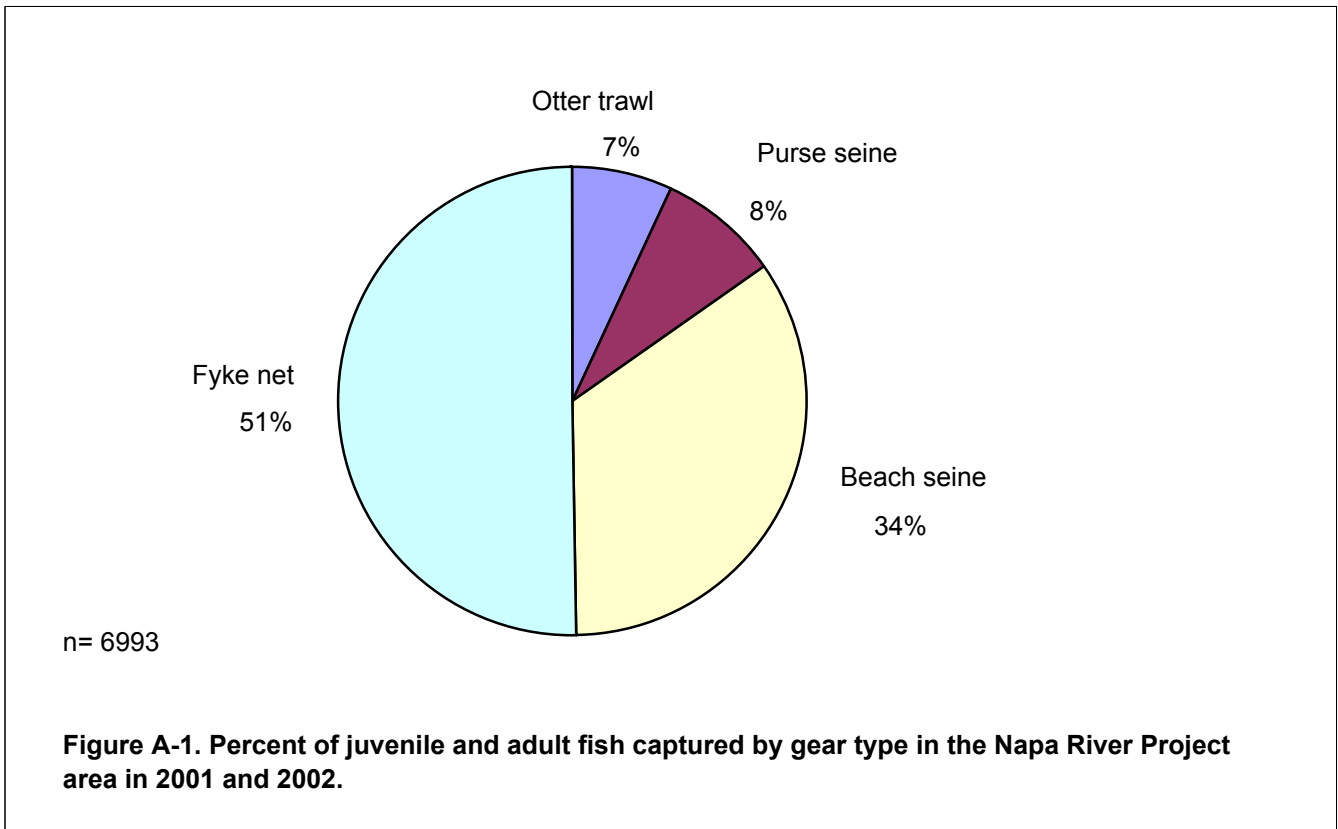


Appendix A



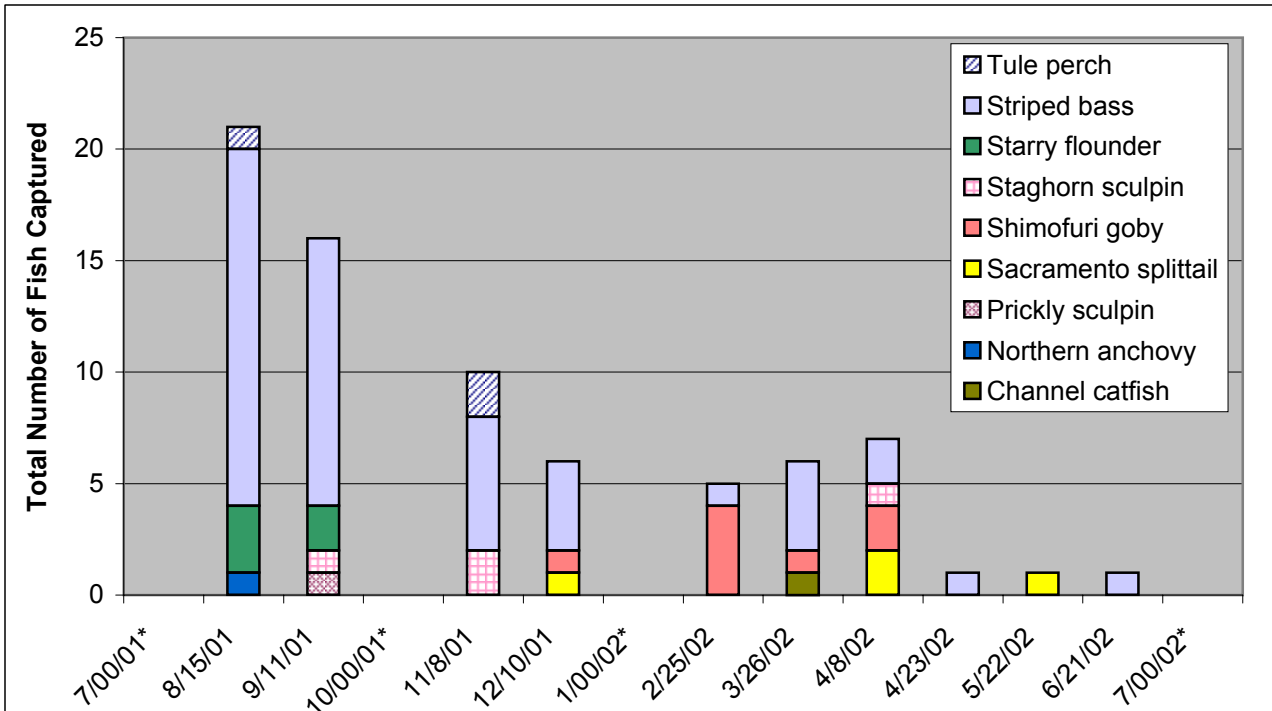


Figure A-3. Relative abundance of juvenile and adult fish captured by otter trawl at Site 1A-1 in 2001 and 2002 in the Napa River Project area.

* No sampling occurred at this site on this date

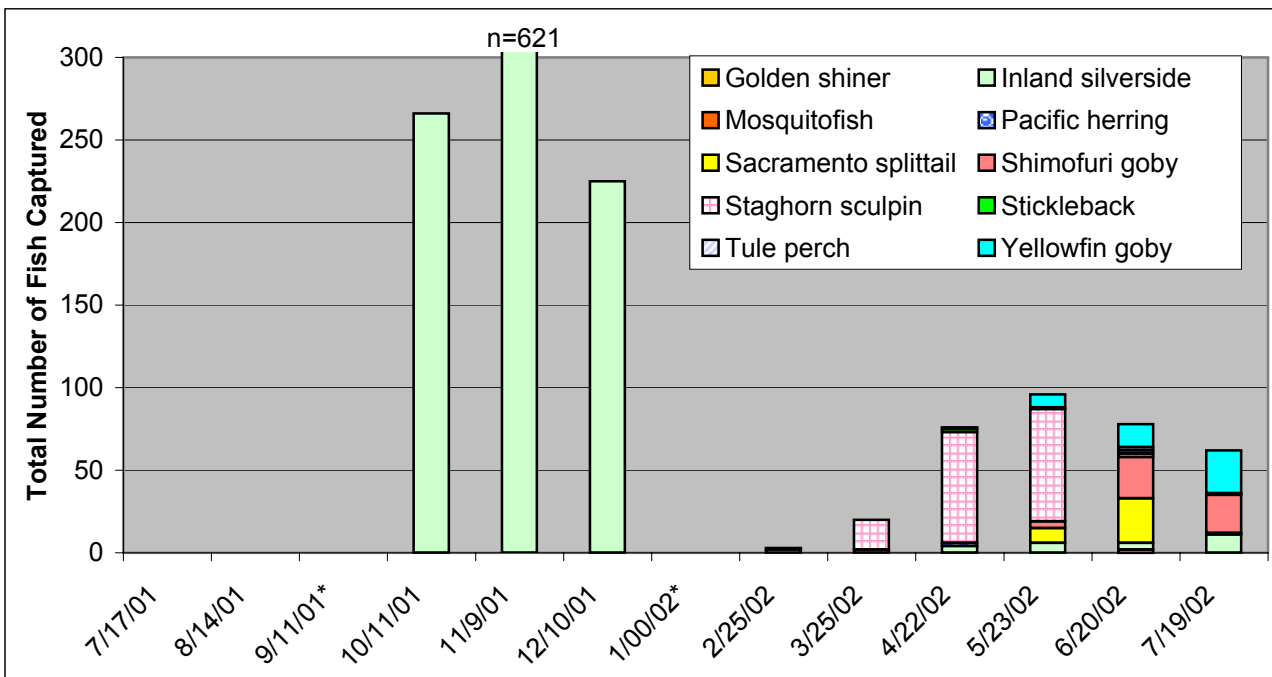
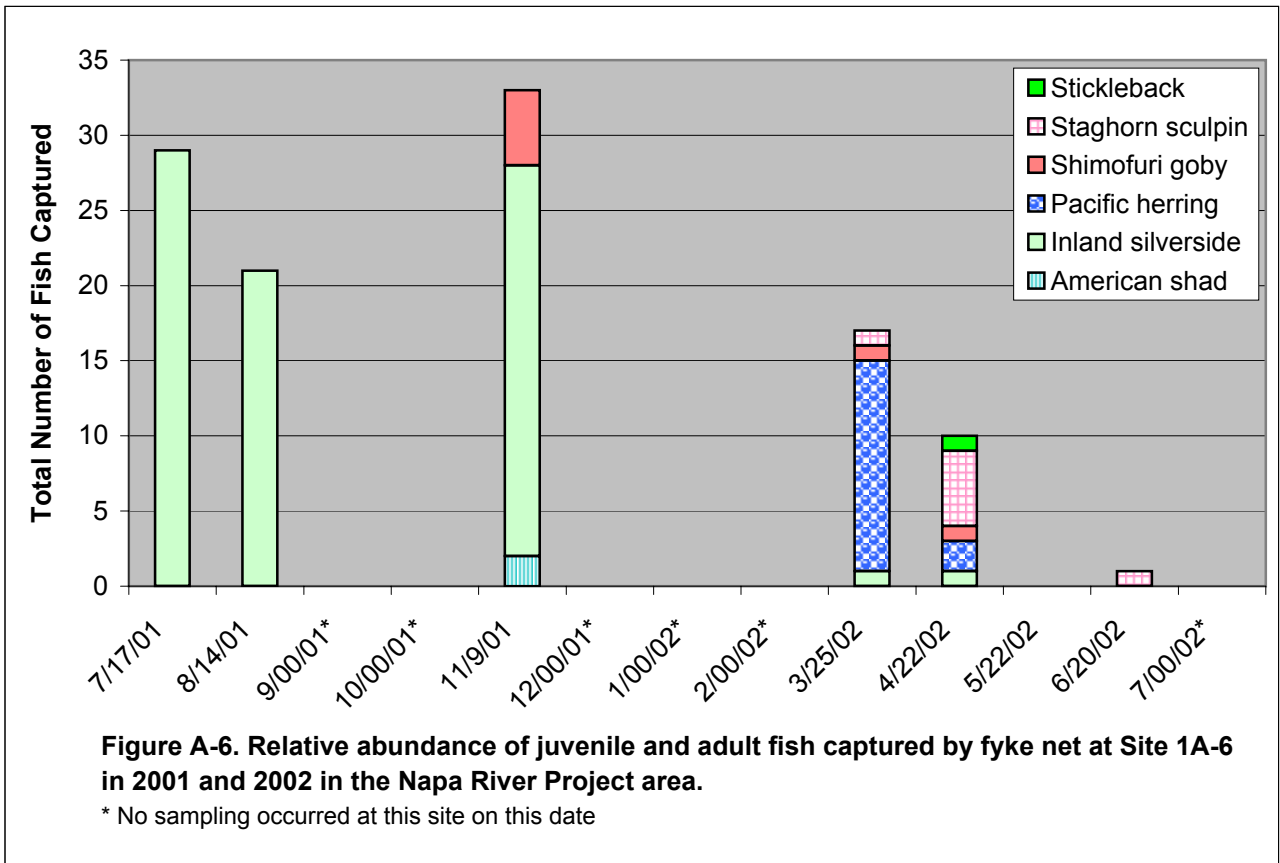
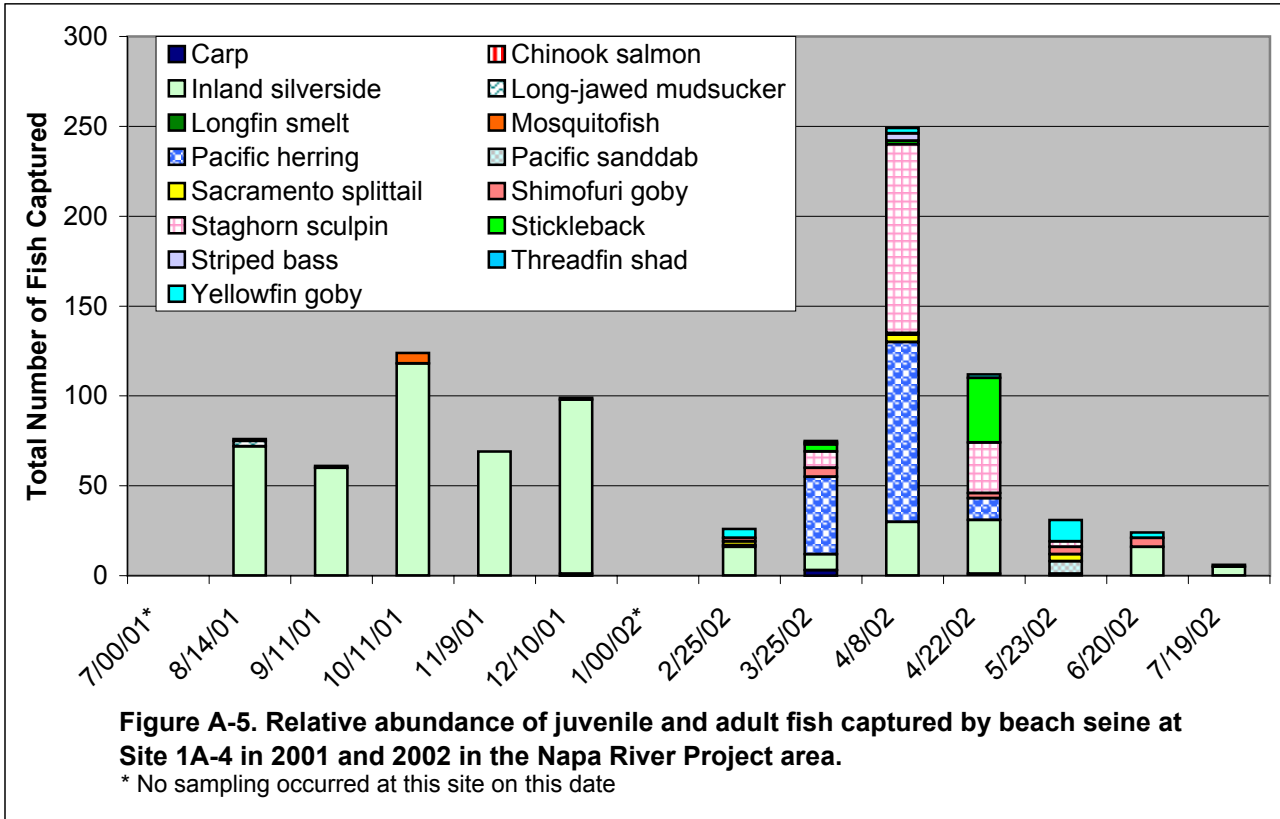
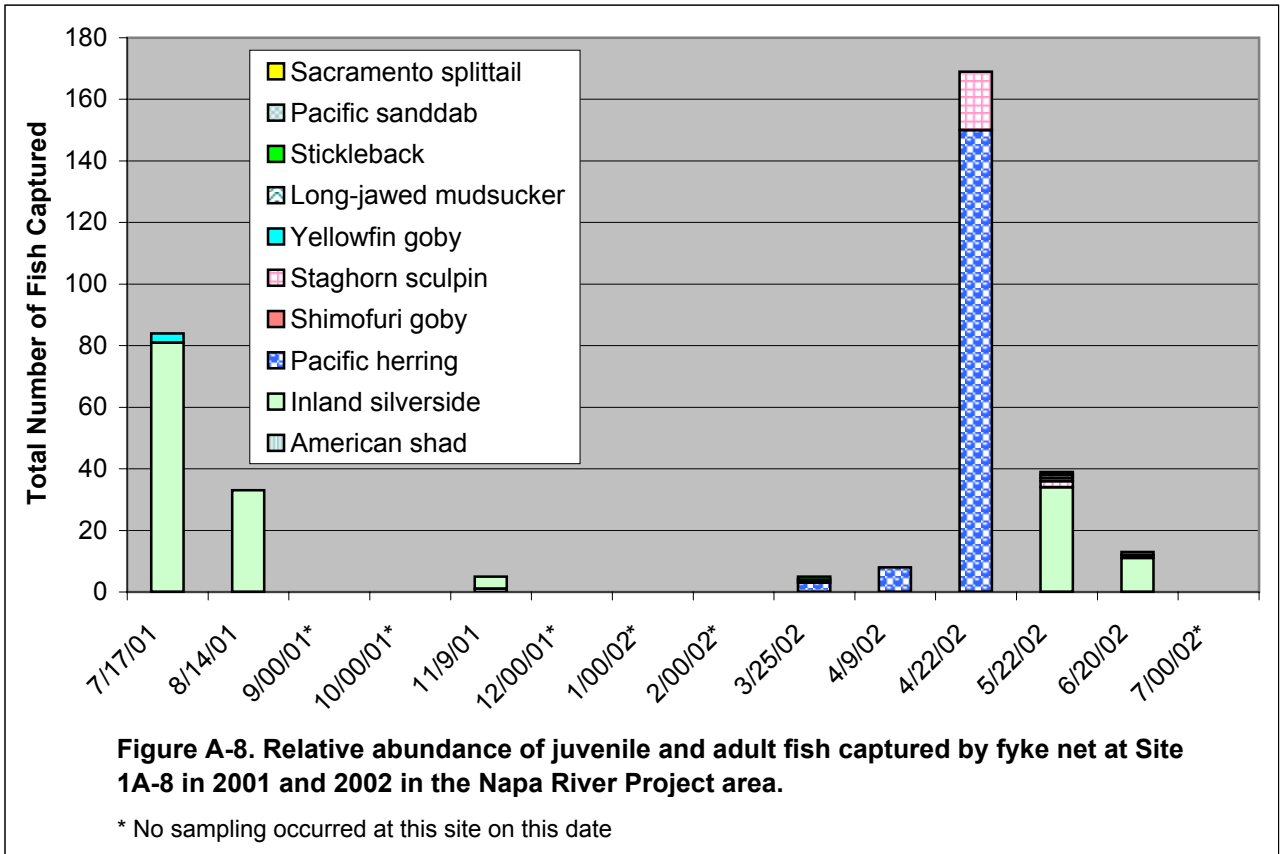
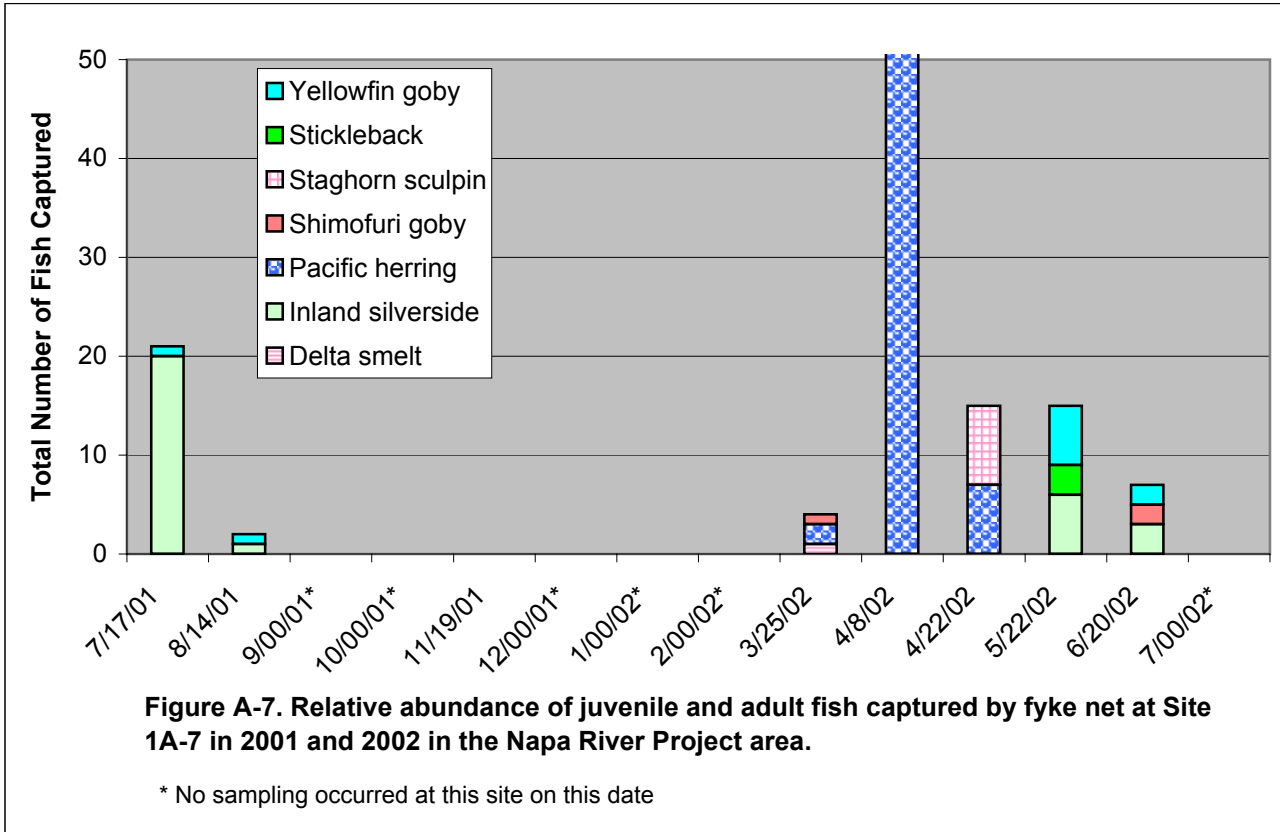
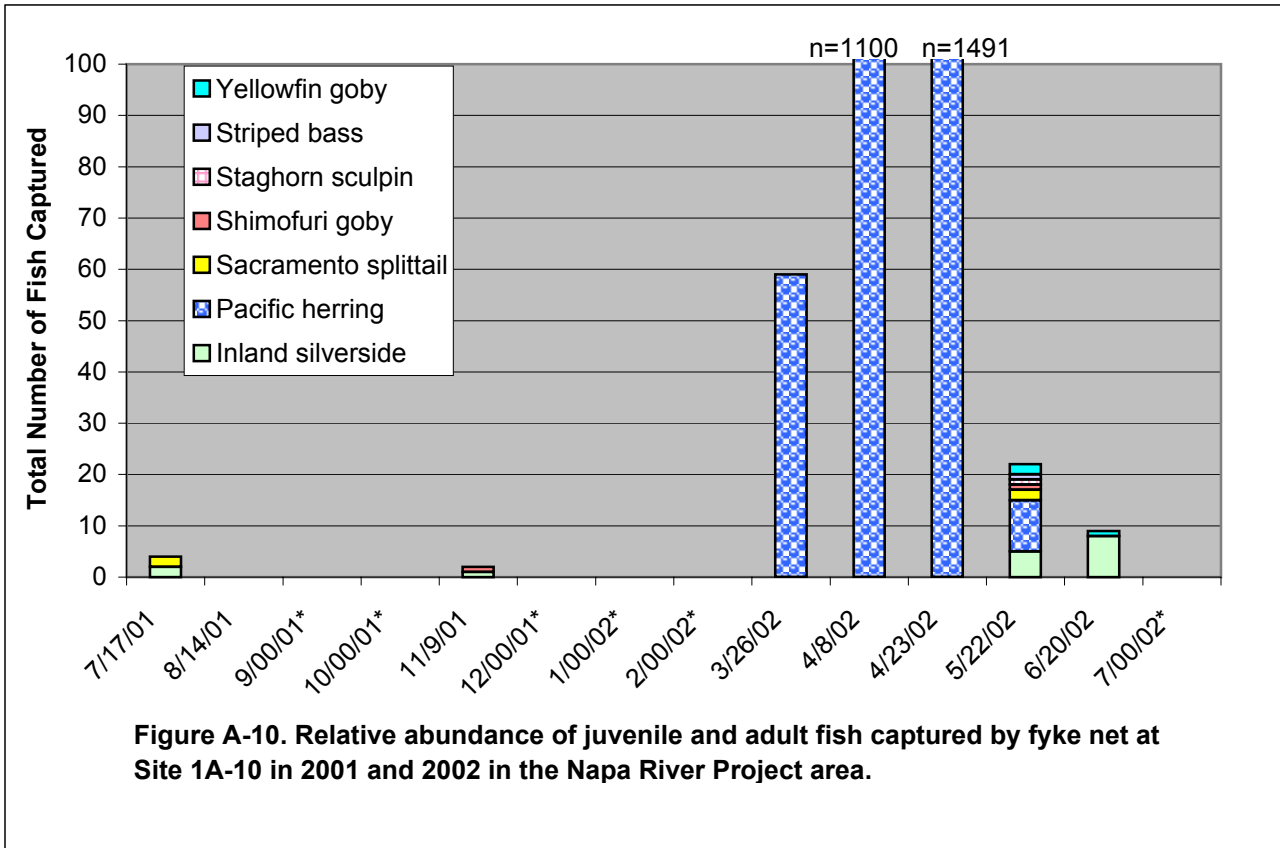
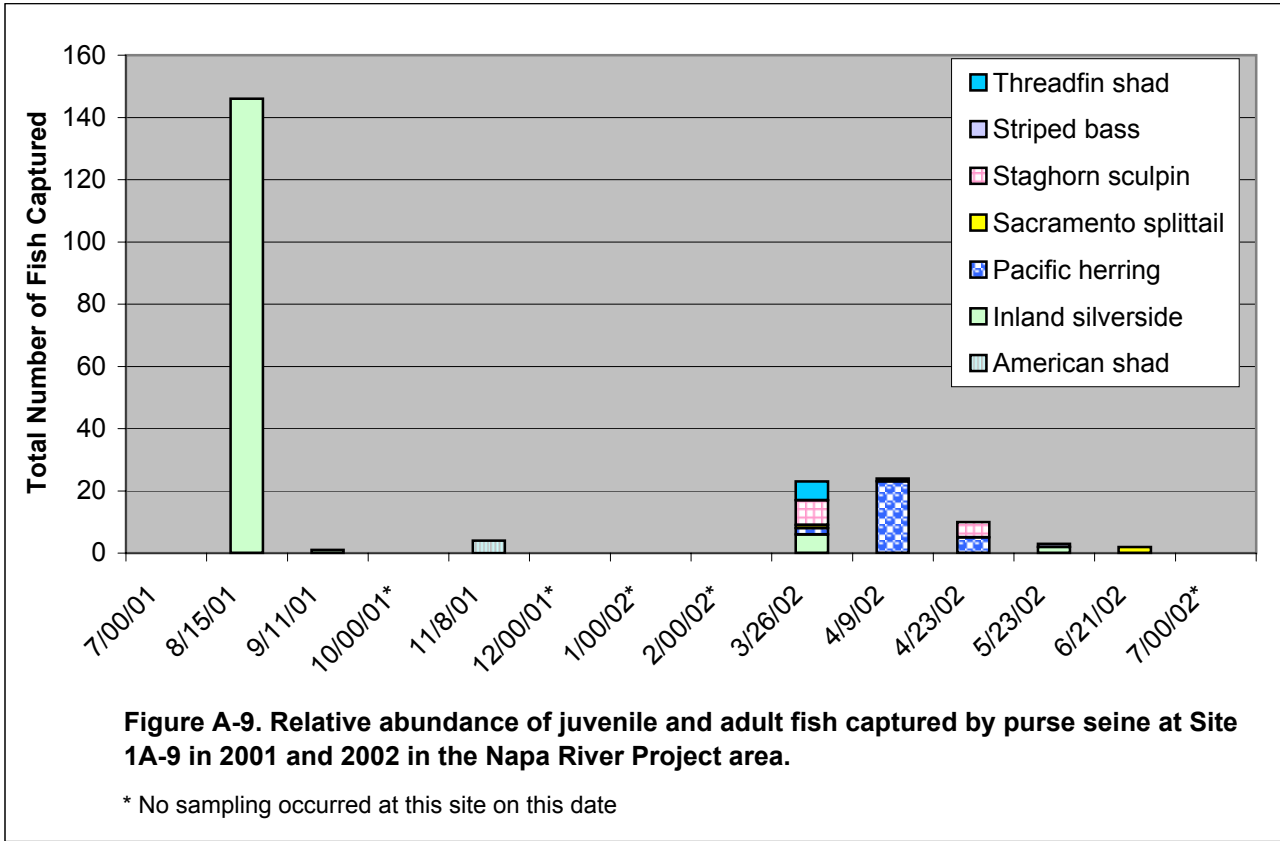


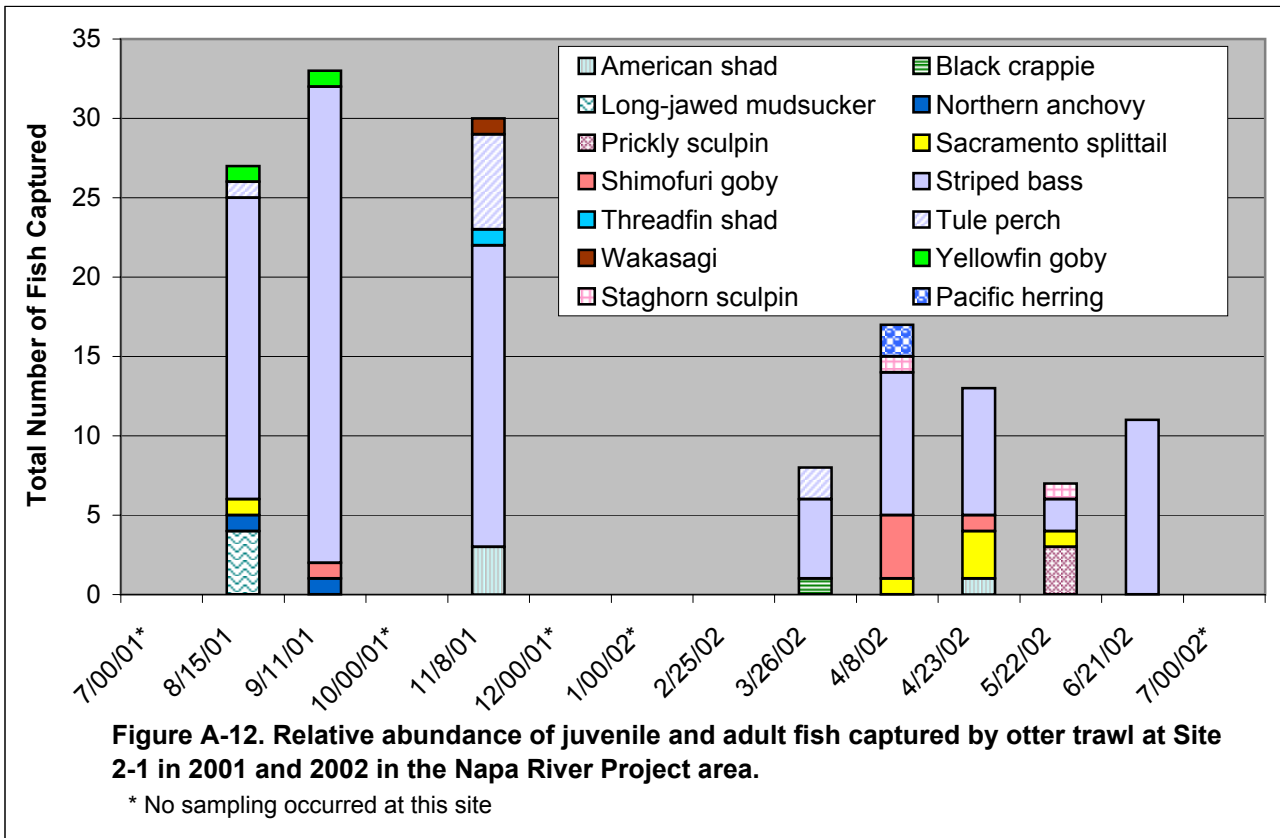
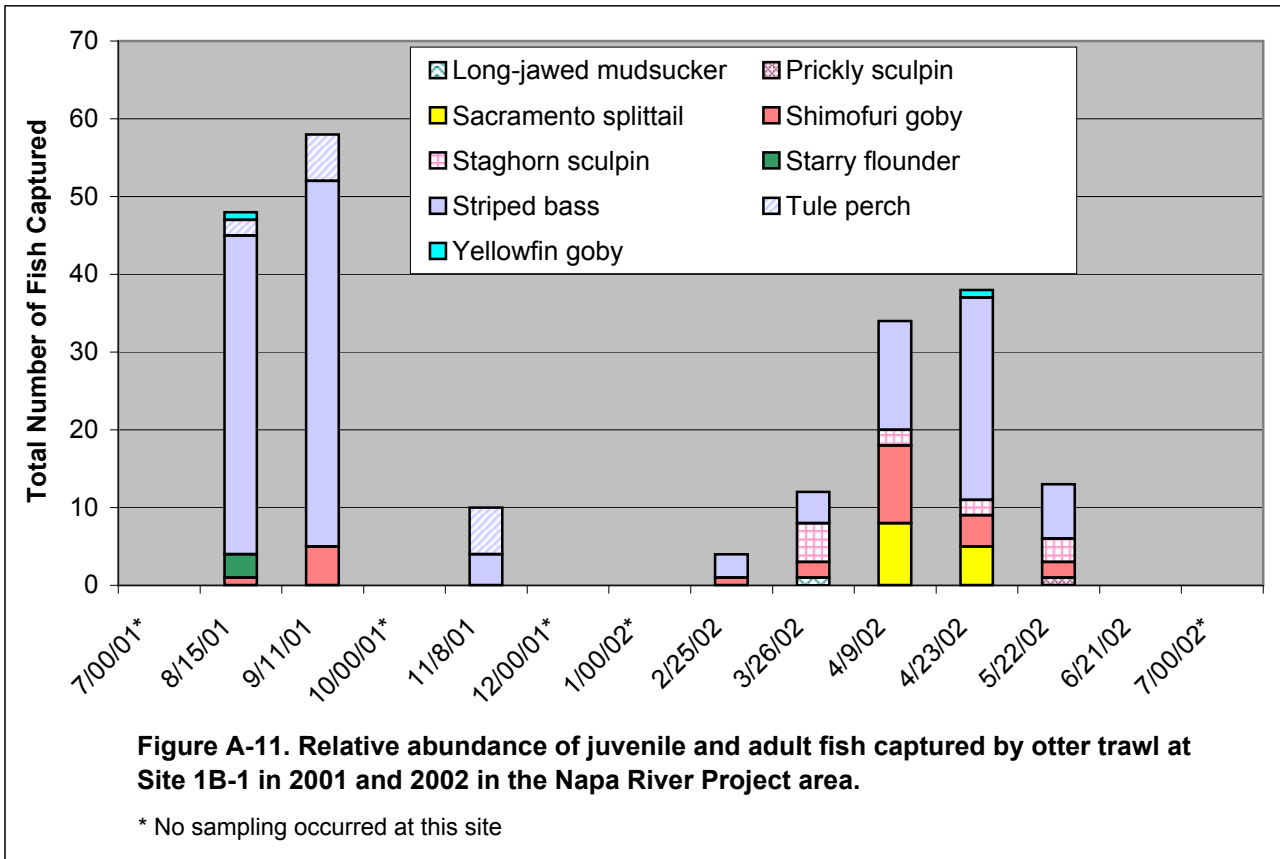
Figure A-4. Relative abundance of juvenile and adult fish captured by beach seine at Site 1A-3 in 2001 and 2002 in the Napa River Project area.

* No sampling occurred at this site on this date









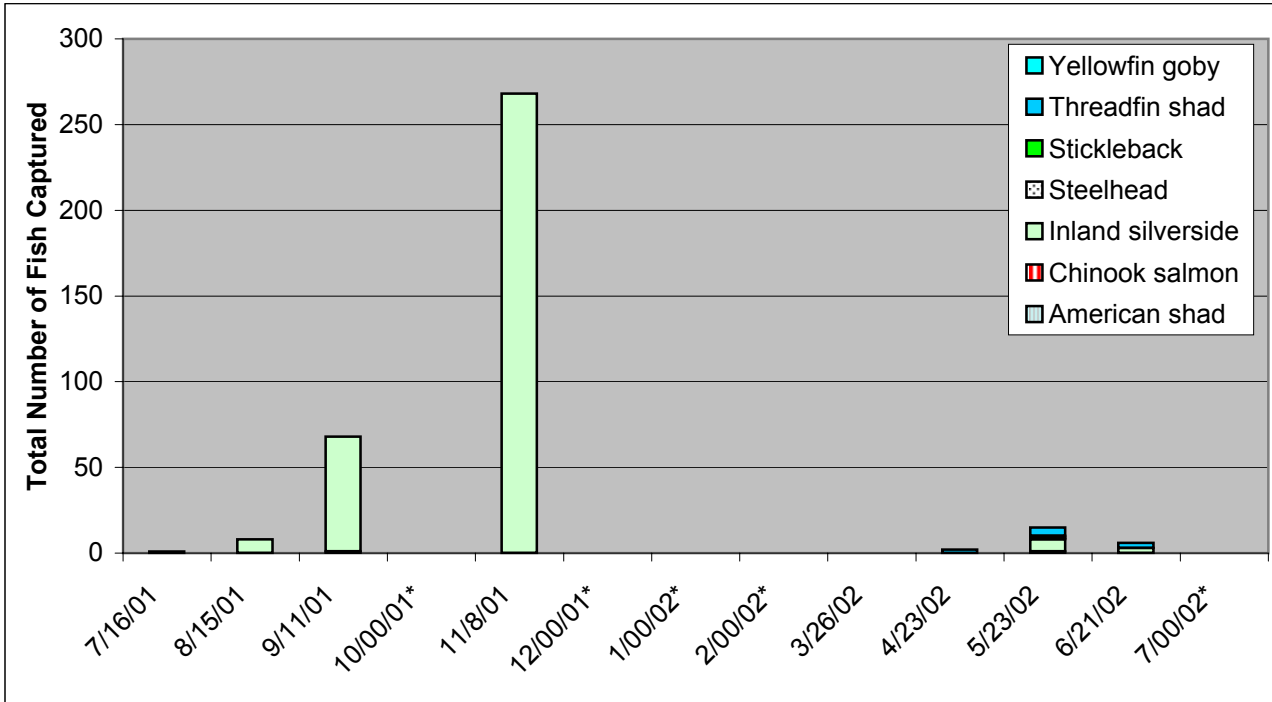


Figure A-13. Relative abundance of juvenile and adult fish captured by purse seine at Site 3-1 in 2001 and 2002 in the Napa River Project area.

* No sampling occurred at this site

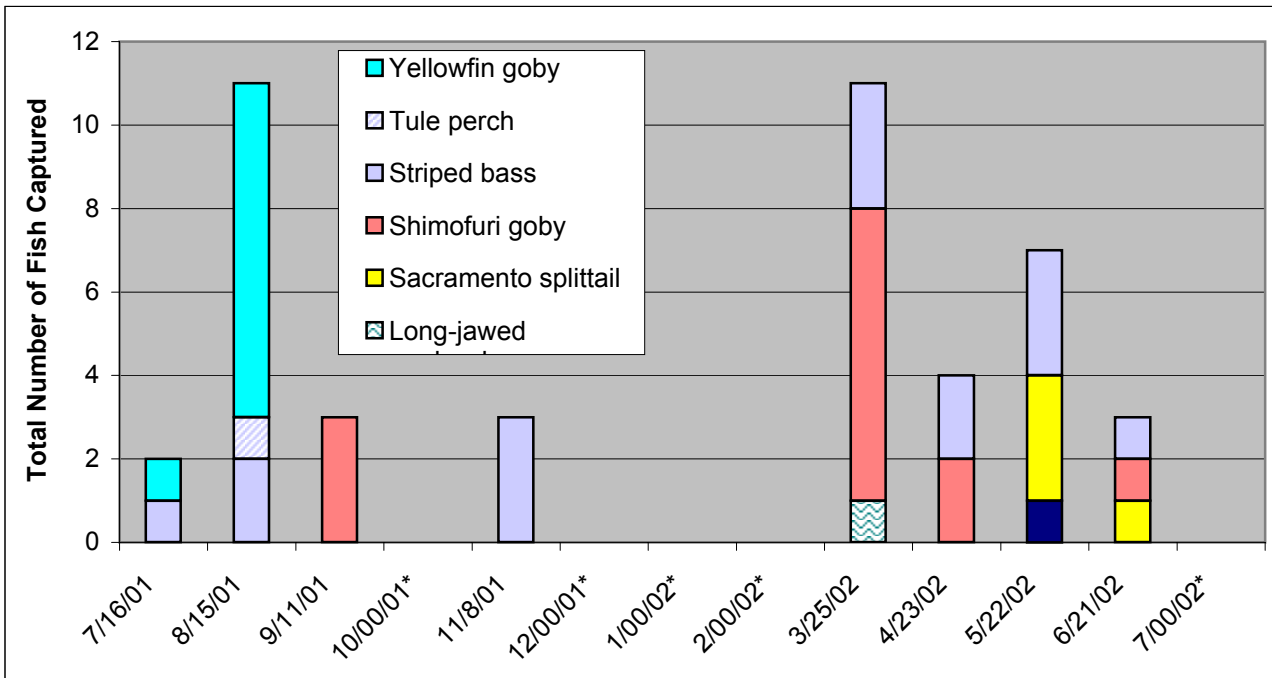
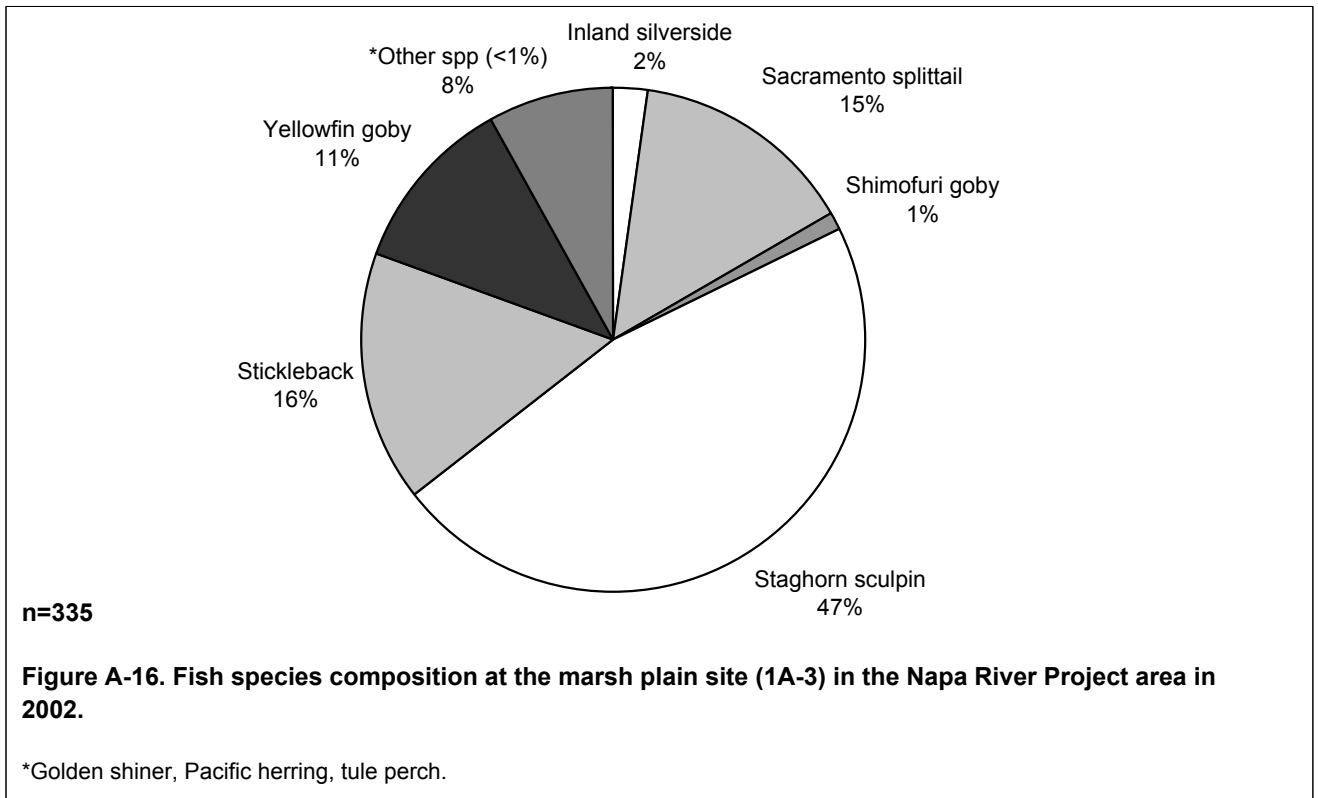
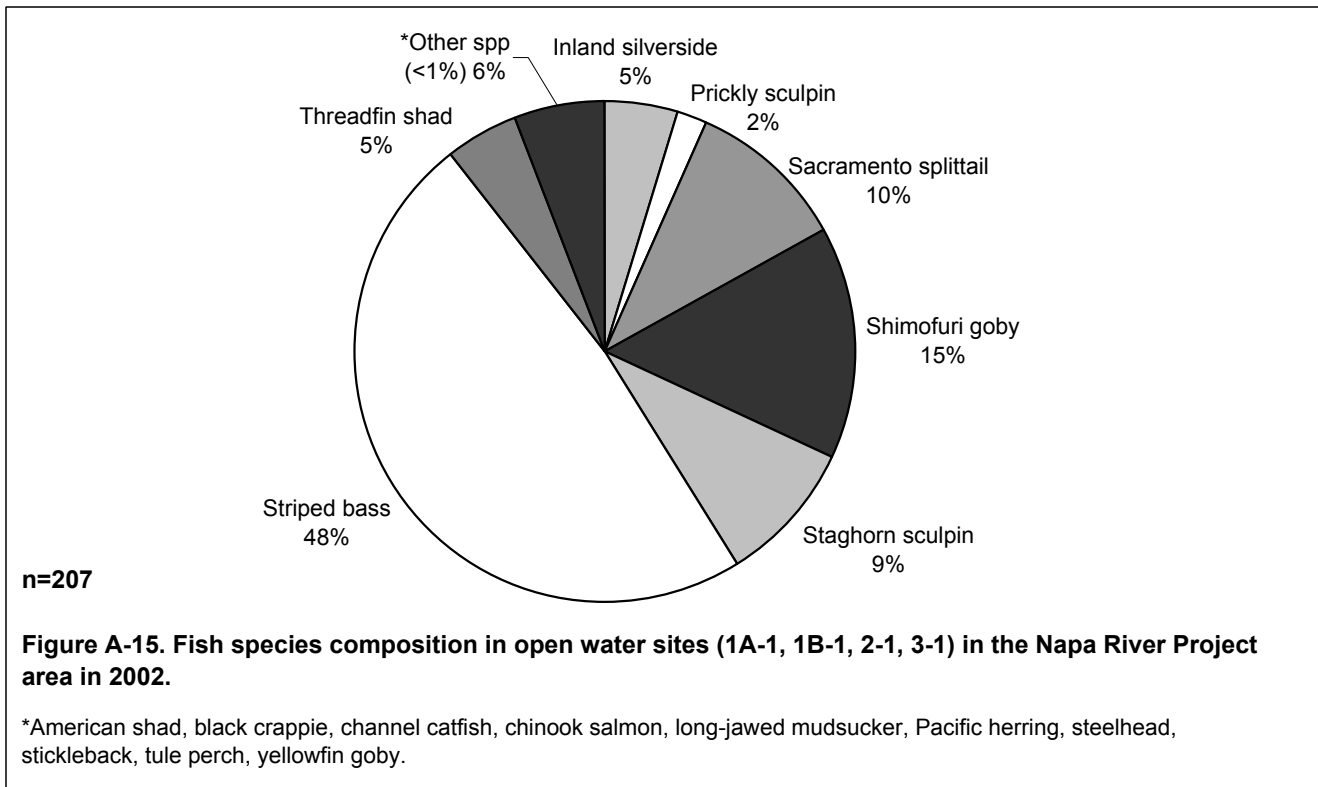
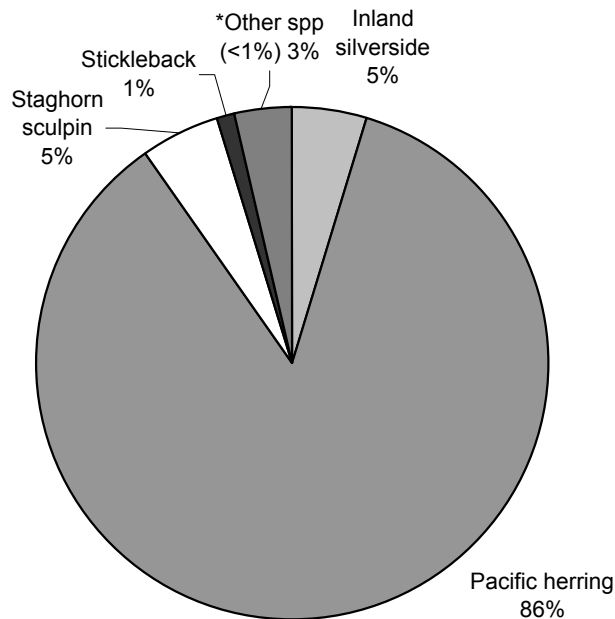


Figure A-14. Relative abundance of juvenile and adult fish captured by otter trawl at Site 1A-2 in 2001 and 2002 in the Napa River Project area.

* No sampling occurred at this site

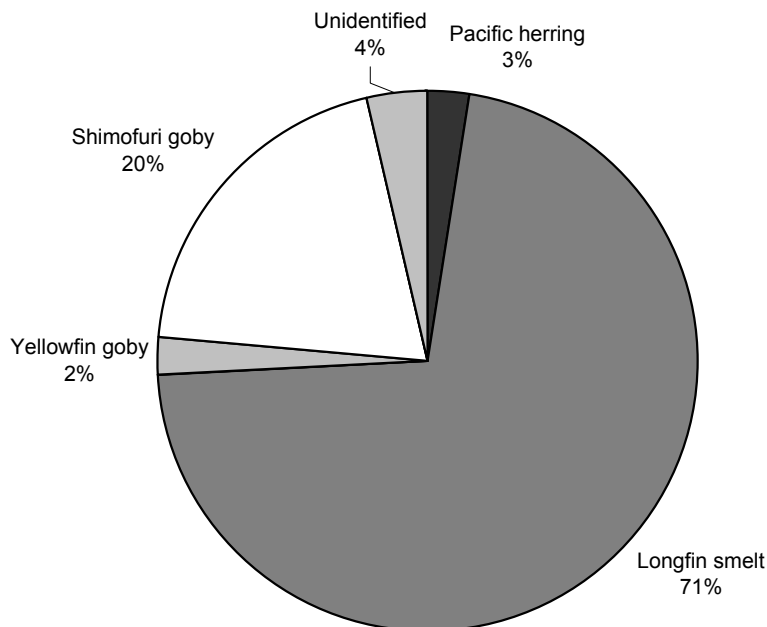




n=3901

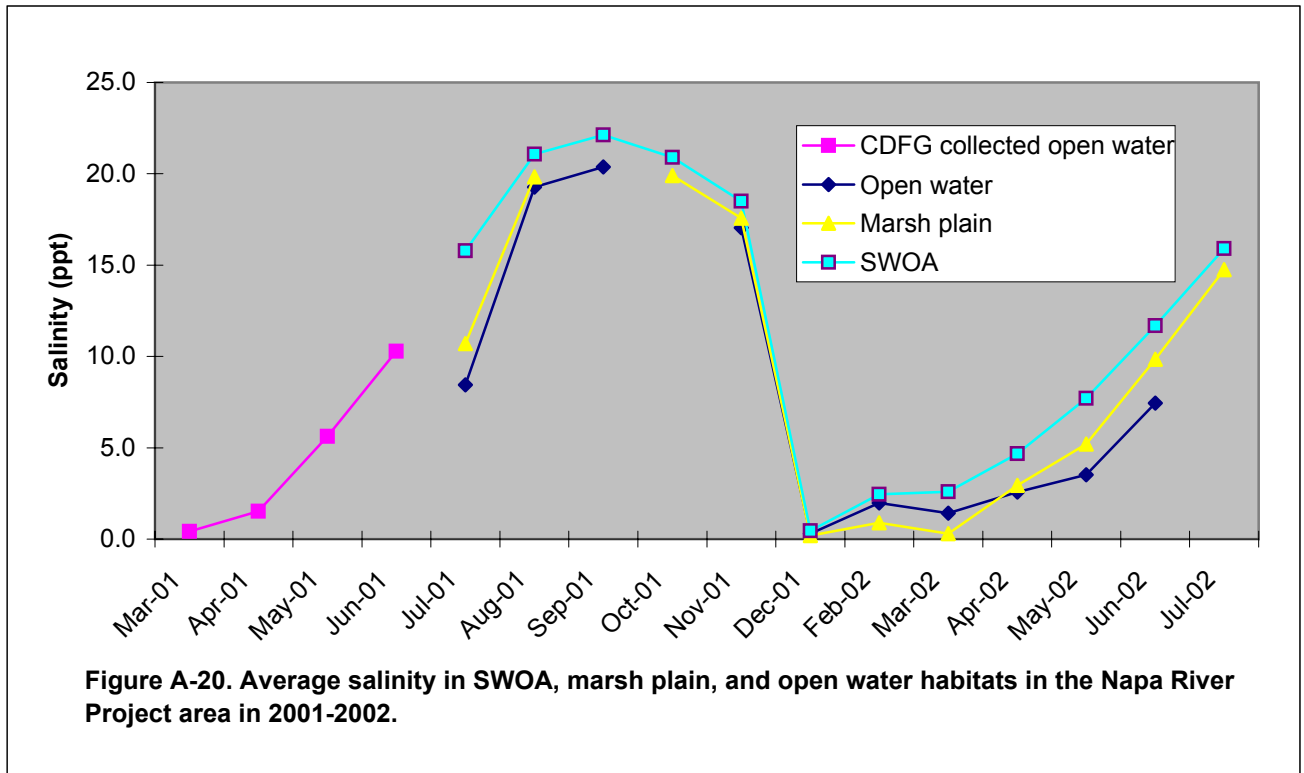
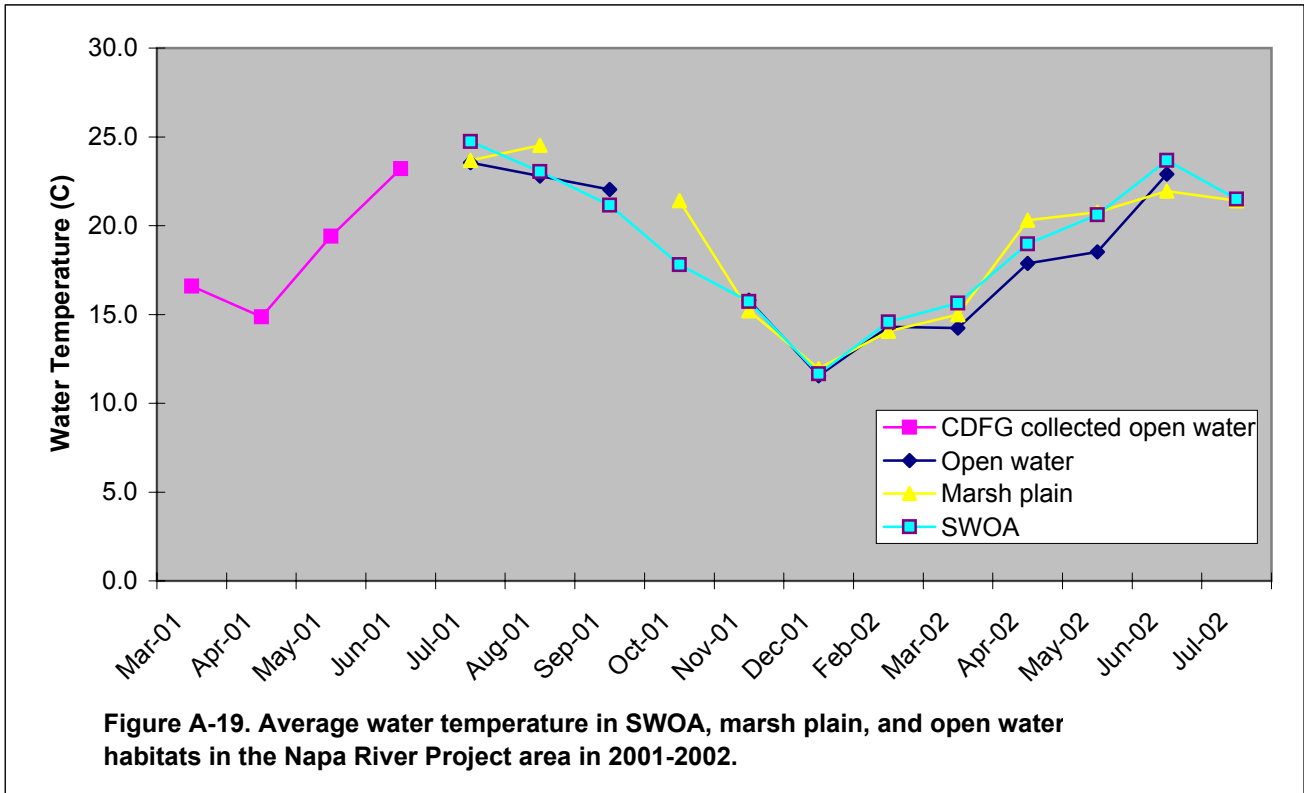
Figure A-17. Fish species composition in SWOA sites (1A-2, 1A-4, 1A-6, 1A-7, 1A-8, 1A-9, 1A-10) in the Napa River Project area in 2002. Larval fish composition in the Napa River Project area in 2002.

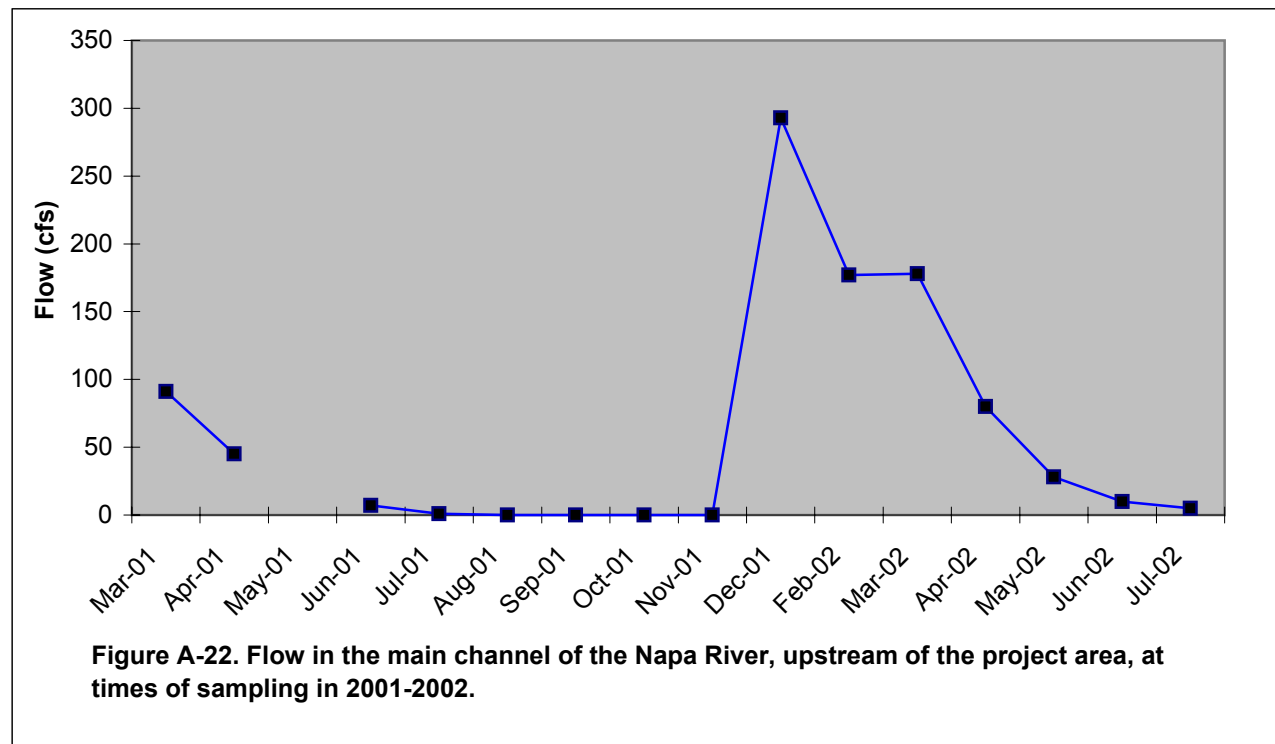
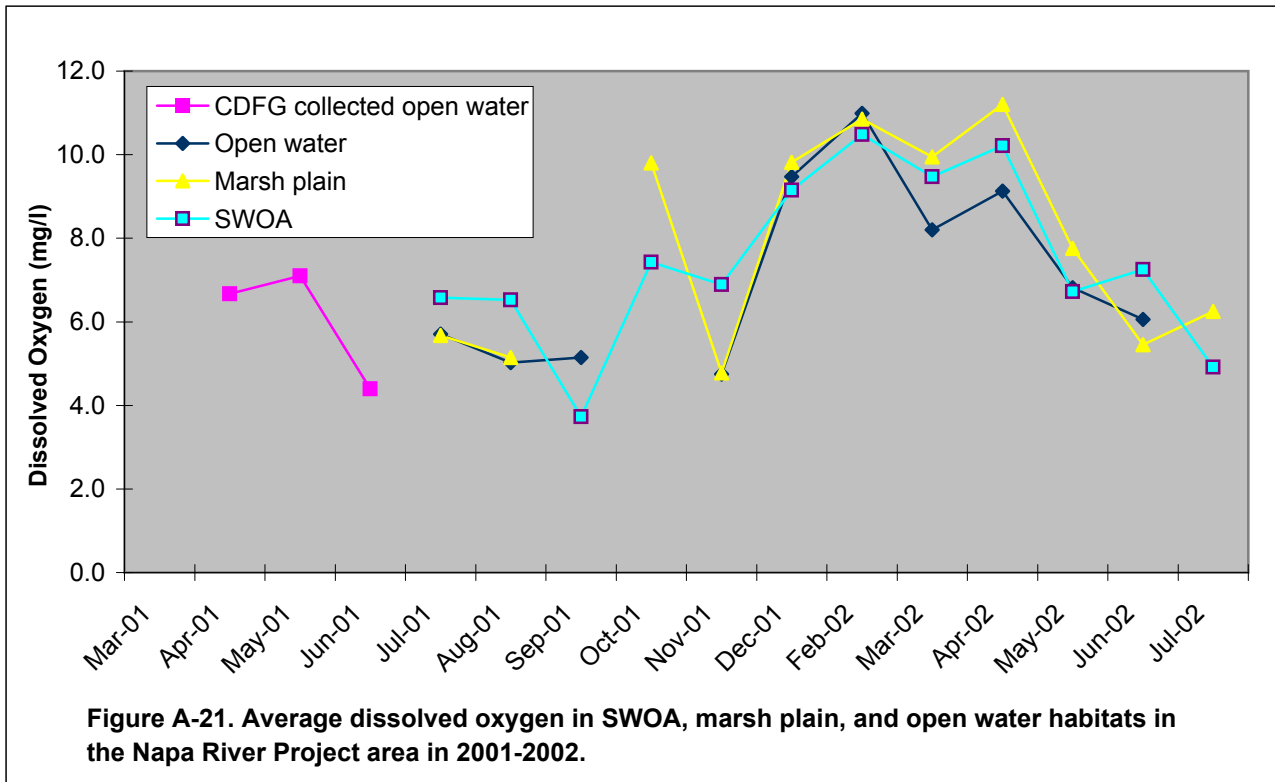
*Chinook salmon, common carp, delta smelt, long-jawed mudsucker, Pacific sanddab, Sacramento splittail, shimofuri goby, striped bass, threadfin shad, mosquitofish, yellowfin goby.

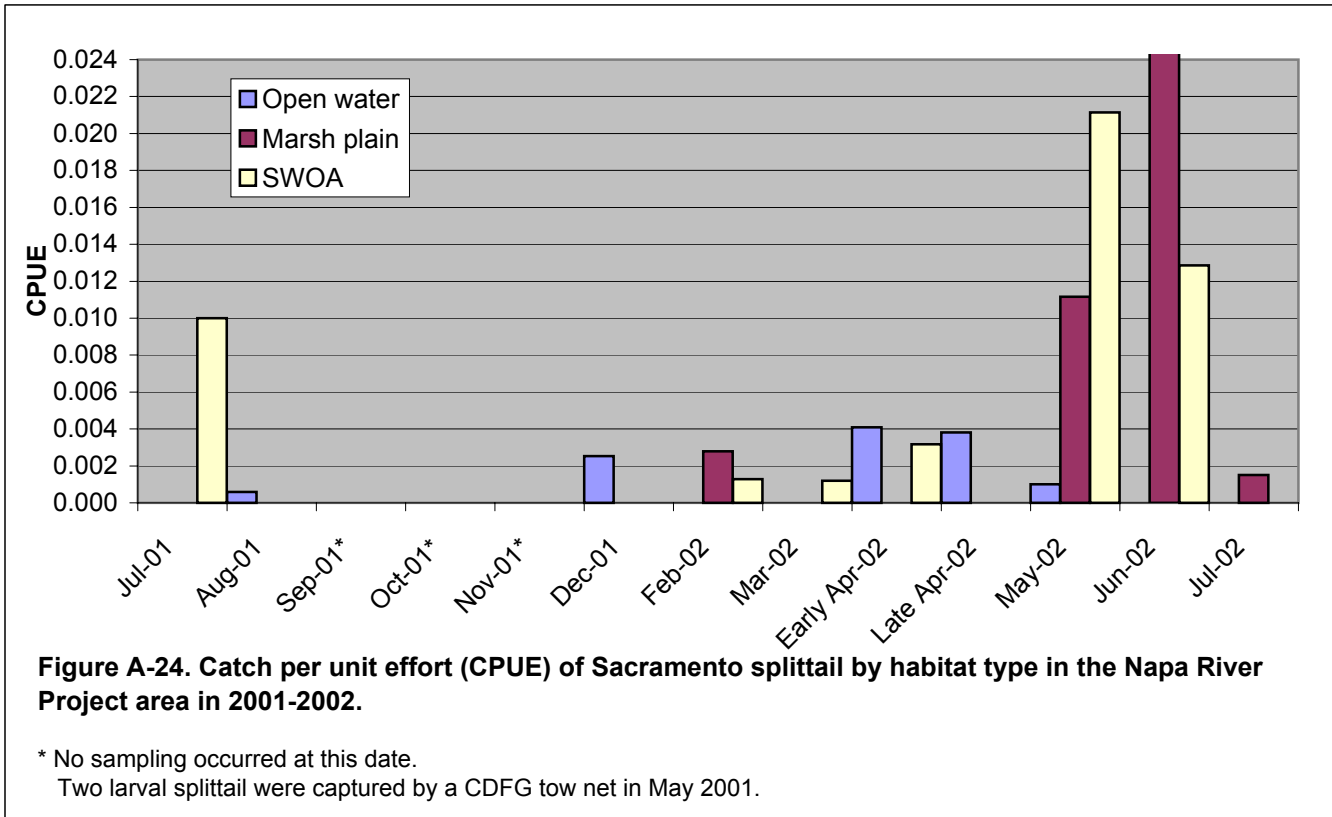
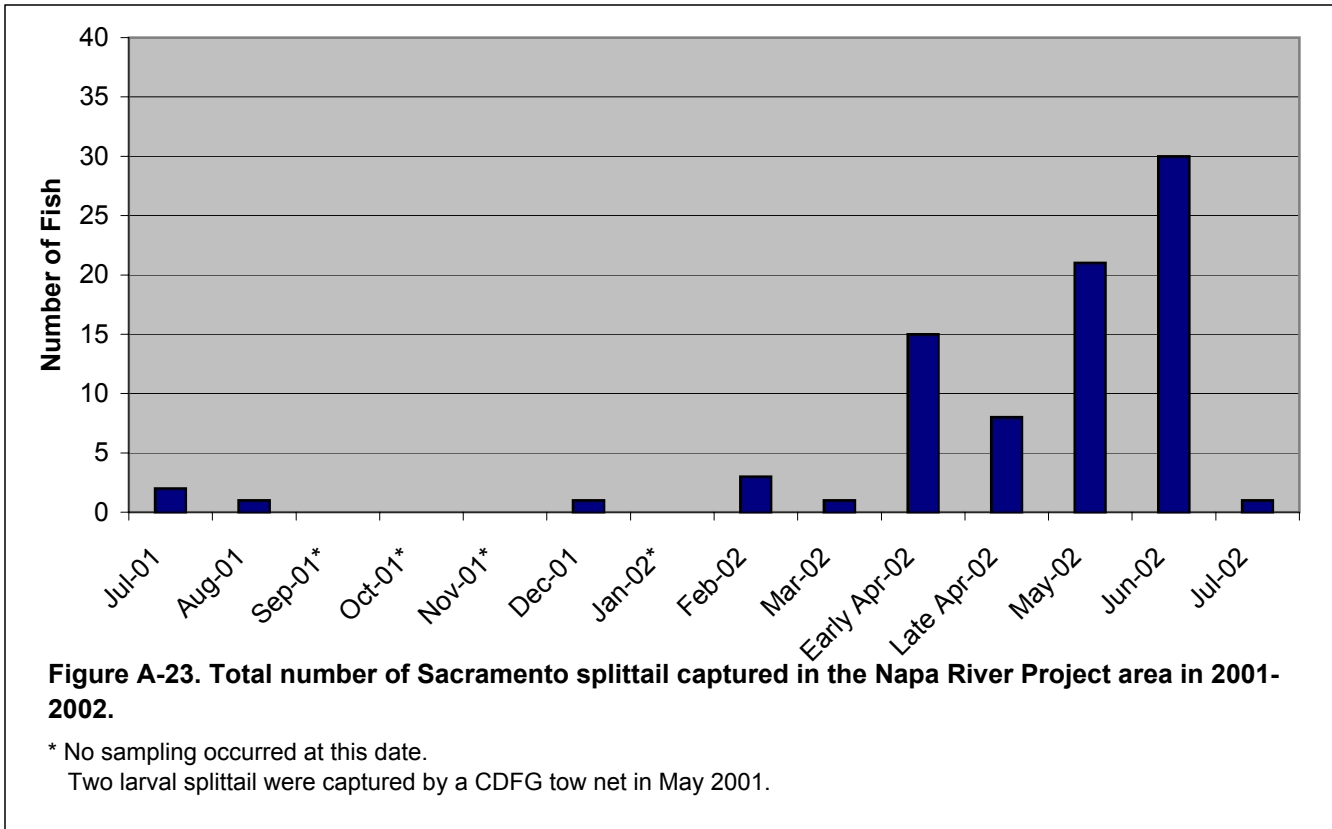


n=1309

Figure A-18. Larval fish composition in the Napa River Project area in 2002.







March 2003

CPUE 2002.xls\CPUE Splittail graphs

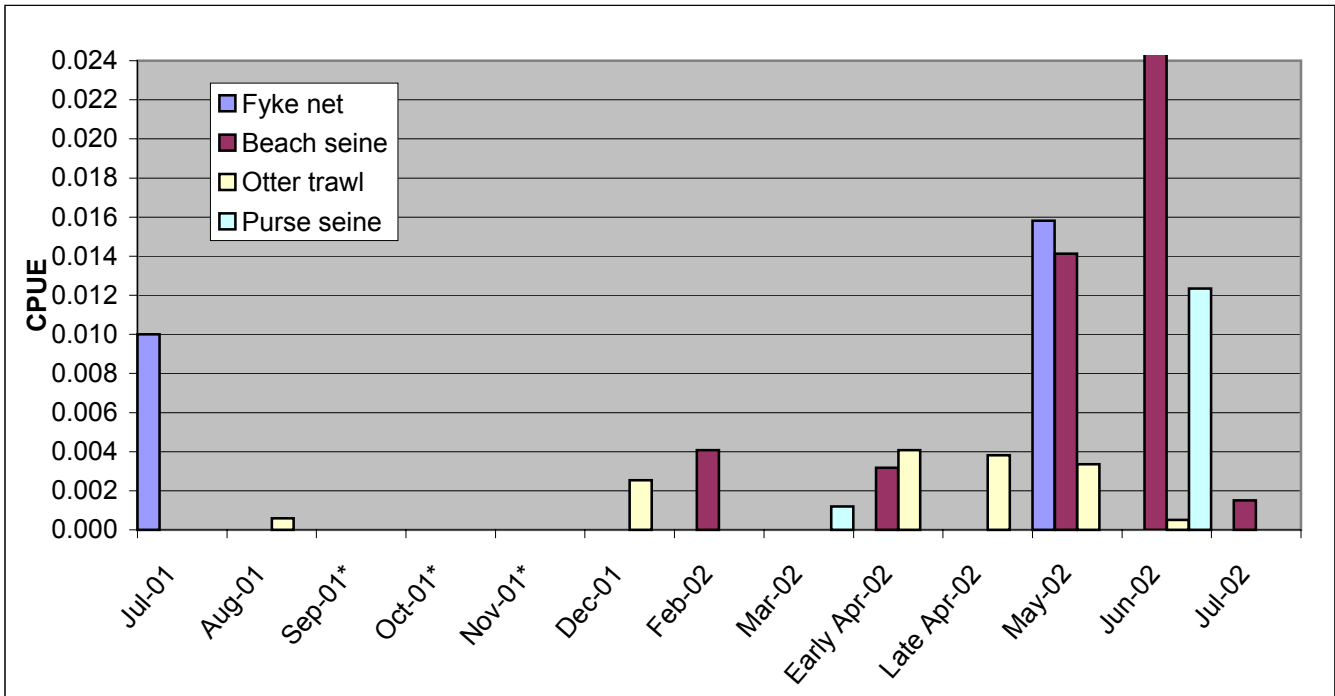


Figure A-25. Catch per unit effort (CPUE) of Sacramento splittail by gear type in the Napa River Project area in 2001-2002.

* No sampling occurred at this date.
Two larval splittail were captured by a CDFG tow net in May 2001.

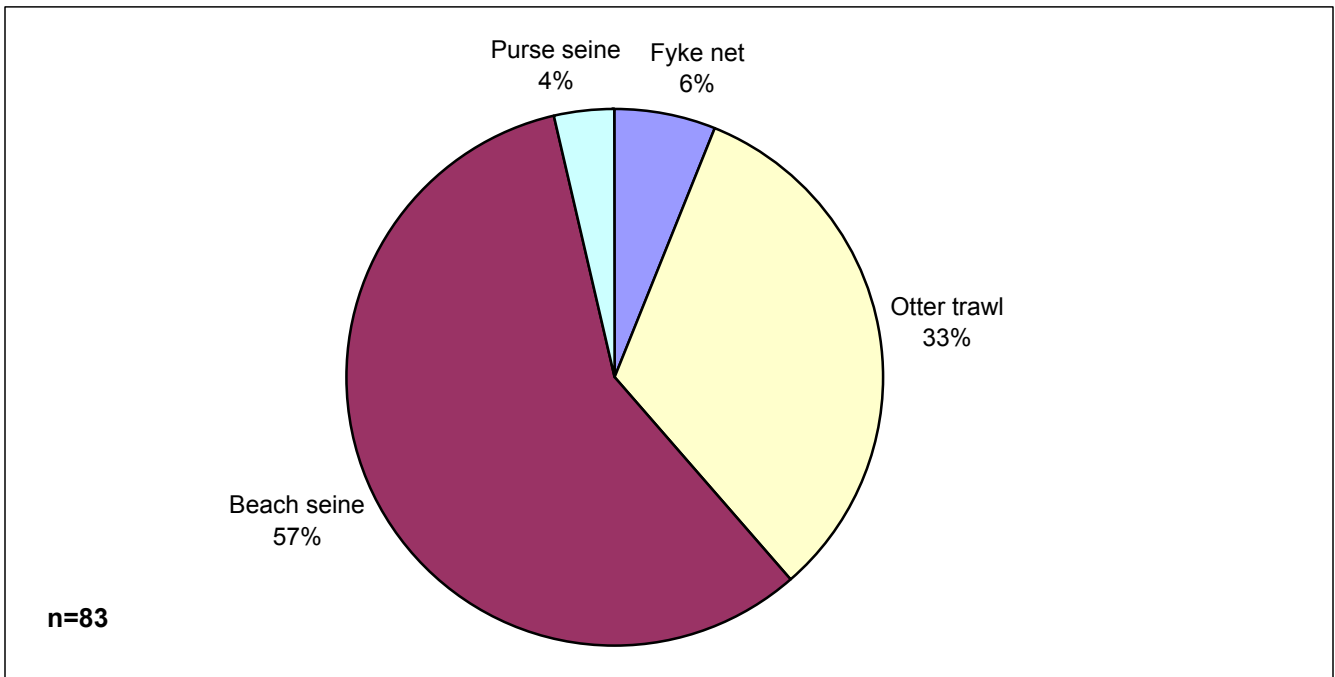


Figure A-26. Percent gear type used to capture Sacramento splittail in the Napa River Project area in 2001-2002.

Appendix B

Table B-1. Cumulative Catch Sampling Results for Napa River Fish Monitoring in 2001 and 2002.

Location Code/ Gear Type/ Replicate Number	American shad	Black crappie	Carp	Channel catfish	Golden shiner	Inland silverside	Mosquitofish	Shimofuri goby	Striped bass	Threadfin shad	Unidentified centrarchid	Wakasagi	Yellowfin goby	Aarow goby	Bay goby	Chinook salmon	Delta smelt	Jack smelt	Long-jawed Mudsucker	Longfin smelt	Northern anchovy	Pacific herring	Pacific sanddab	Prickly sculpin	Sacramento splittail	Sacramento sucker	Staghorn sculpin	Starry flounder	Steelhead	Threespine stickleback	Tule perch	Unidentified smelt	Total		
	Introduced													Native																					
March - June 2001 Subtotal of larval fish captured in CDFG 20mm tow.	0	0	0	0	0	2	0	11,613	678	2	5	0	3,285	9	1,995	0	3,897	2	80	30,103	65	1,852	0	977	2	1	0	0	0	1	0	1	54,570		
Date: 07-16-01																																			
1A-2 Otter Trawl 1 of 2									1				1																					2	
1A-9 Purse Seine 1 of 2																																		0	
1A-9 Purse Seine 2 of 2																																		0	
3-1 Otter Trawl 1 of 1													1																					1	
3-1 Purse Seine 1 of 2																																		0	
3-1 Purse Seine 2 of 2																																		0	
Date: 07-17-01																																			
1A-3 Fyke Net 1 of 1																																		0	
1A-5 Fyke Net 1 of 1																																			0
1A-6 Fyke Net 1 of 1						29																												29	
1A-7 Fyke Net 1 of 1						20							1																					21	
1A-8 Fyke Net 1 of 1						81							3																					84	
1A-10 Fyke Net 1 of 1						2																			2									4	
July 2001 Subtotal	0	0	0	0	0	132	0	0	1	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	141	
Date: 08-14-01																																			
1A-3 Fyke Net 1 of 1																																		0	
1A-4 Beach Seine 1 of 2						48		0										2																50	
1A-4 Beach Seine 2 of 2						24		1									1																	26	
1A-5 Fyke Net 1 of 1																																		0	
1A-6 Fyke Net 1 of 1						21																												21	
1A-7 Fyke Net 1 of 1						1							1																					2	
1A-8 Fyke Net 1 of 1						33																												33	
1A-10 Fyke Net 1 of 1																																		0	
Date: 08-15-01																																			
1A-1 Otter Trawl 1 of 2									6												1							1			0		8		
1A-1 Otter Trawl 2 of 2									10																			2			1		13		
1A-2 Otter Trawl 1 of 2									2				5																		1		8		
1A-2 Otter Trawl 2 of 2													3																				3		
1A-9 Purse Seine 1 of 2						146																												146	
1A-9 Purse Seine 2 of 2																																		0	
1B-1 Otter Trawl 1 of 2									15																			2			1		18		
1B-1 Otter Trawl 2 of 2								1	26				1														1			1		30			
2-1 Otter Trawl 1 of 2									5				1					1								0							7		
2-1 Otter Trawl 2 of 2									14									3			1				1					1		20			
3-1 Purse Seine 1 of 2						4																											4		
3-1 Purse Seine 2 of 2						4																											4		
August 2001 Subtotal	0	0	0	0	0	281	0	2	78	0	0	0	11	0	0	0	0	0	7	0	2	0	0	0	1	0	0	6	0	0	5	0	393		
Date: 09-11-01																																			
1A-1 Otter Trawl 1 of 2									12															1				1	2				16		
1A-1 Otter Trawl 2 of 2																																		0	
1A-2 Otter Trawl 1 of 1								3																										3	
1A-4 Beach Seine 1 of 2						49																												49	
1A-4 Beach Seine 2 of 2						11		1																										12	
1A-9 Purse Seine 1 of 2						1																												1	

Location Code/ Gear Type/ Replicate Number	American shad	Black crappie	Carp	Channel catfish	Golden shiner	Inland silverside	Mosquitofish	Shimofuri goby	Striped bass	Threadfin shad	Unidentified centrarchid	Wakasagi	Yellowfin goby	Aarow goby	Bay goby	Chinook salmon	Delta smelt	Jack smelt	Long-jawed Mudsucker	Longfin smelt	Northern anchovy	Pacific herring	Pacific sanddab	Prickly sculpin	Sacramento splittail	Sacramento sucker	Staghorn sculpin	Starry flounder	Steelhead	Threespine stickleback	Tule perch	Unidentified smelt	Total		
	Introduced													Native																					
1A-9 Purse Seine 2 of 2																																			0
1B-1 Otter Trawl 1 of 2								1	46																								6		53
1B-1 Otter Trawl 2 of 2								4	1																										5
2-1 Otter Trawl 1 of 2									14																										14
2-1 Otter Trawl 2 of 2								1	16												1														19
3-1 Purse Seine 1 of 2						47																													47
3-1 Purse Seine 2 of 2	1					20																													21
September 2001 Subtotal	1	0	0	0	0	128	0	10	89	0	0	0	1	0	0	0	0	0	0	0	1	0	0	1	0	0	1	2	0	0	6	0		240	
Date: 10-11-01																																			
1A-3 Beach Seine 1 of 1						266																													266
1A-4 Beach Seine 1 of 3							5																												5
1A-4 Beach Seine 2 of 3						24	1																												25
1A-4 Beach Seine 3 of 3						94																													94
October 2001 Subtotal	0	0	0	0	0	384	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	390
Date: 11-08-01																																			
1A-1 Otter Trawl 1 of 2									4																							2		6	
1A-1 Otter Trawl 2 of 2									2																			2							4
1A-2 Otter Trawl 1 of 2									1																										1
1A-2 Otter Trawl 2 of 2									2																										2
1A-9 Purse Seine 1 of 2	3																																		3
1A-9 Purse Seine 2 of 2	1																																		1
1B-1 Otter Trawl 1 of 2									1																								6		7
1B-1 Otter Trawl 2 of 2									3																										3
2-1 Otter Trawl 1 of 3									5																								1		6
2-1 Otter Trawl 2 of 3	2								7				1																				1		11
2-1 Otter Trawl 3 of 3	1								7	1																						4		13	
3-1 Purse Seine 1 of 2						180																													180
3-1 Purse Seine 2 of 2						88																													88
Date: 11-09-01																																			
1A-3 Fyke Net 1 of 1																																			0
1A-3 Beach Seine 1 of 1						621	1																												622
1A-4 Beach Seine 1 of 2						43																													43
1A-4 Beach Seine 2 of 2						26																													26
1A-5 Fyke Net 1 of 1																																			0
1A-6 Fyke Net 1 of 1	2					26		5																											33
1A-7 Fyke Net 1 of 1																																			0
1A-8 Fyke Net 1 of 1	1					4																													5
1A-10 Fyke Net 1 of 1						1		1																											2
November 2001 Subtotal	10	0	0	0	0	989	1	6	32	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	14	0	1,056	

Location Code/ Gear Type/ Replicate Number	American shad	Black crappie	Carp	Channel catfish	Golden shiner	Inland silverside	Mosquitofish	Shimofuri goby	Striped bass	Threadfin shad	Unidentified centrarchid	Wakasagi	Yellowfin goby	Aarow goby	Bay goby	Chinook salmon	Delta smelt	Jack smelt	Long-jawed Mudsucker	Longfin smelt	Northern anchovy	Pacific herring	Pacific sanddab	Prickly sculpin	Sacramento splittail	Sacramento sucker	Staghorn sculpin	Starry flounder	Steelhead	Threespine stickleback	Tule perch	Unidentified smelt	Total
	Introduced													Native																			

Date: 12-10-01

1A-1 Otter Trawl 1 of 2																																				0
1A-1 Otter Trawl 2 of 2								1	4																1											6
1A-3 Beach Seine 1 of 1						225																														225
1A-4 (South End) Beach Seine 1 of 2			1			86														1															88	
1A-4 (South End) Beach Seine 2 of 2						4																													4	
1A-4 (North End) Beach Seine 1 of 2						5																													5	
1A-4 (North End) Beach Seine 2 of 2						2																													2	

December 2001 Subtotal	0	0	1	0	0	322	0	1	4	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	330
-------------------------------	---	---	---	---	---	-----	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	-----

July-December 2001 subtotal of juvenile and adult fish	11	0	1	0	0	2,236	7	19	204	1	0	1	18	0	0	0	0	0	7	1	3	0	0	1	4	0	3	8	0	0	25	0	0	2,550
---	----	---	---	---	---	-------	---	----	-----	---	---	---	----	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	----	---	---	-------

Date: 02-25-02

1A-1 Otter Trawl 1 of 2																																			0
1A-1 Otter Trawl 2 of 2								4	1																										5
1A-3 Beach Seine 1 of 1						2																			1										3
1A-4 (South End) Beach Seine 1 of 2						1							5												1										7
1A-4 (South End) Beach Seine 2 of 2						7																													7
1A-4 (North End) Beach Seine 1 of 2						2																													2
1A-4 (North End) Beach Seine 2 of 2						6	1	2																		1									10
1B-1 Otter Trawl 1 of 1									1	3																									4
2-1 Otter Trawl 1 of 1																																			0

February 2002 Subtotal	0	0	0	0	0	18	1	7	4	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	38
-------------------------------	---	---	---	---	---	----	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	----

Date: 03-25-02

1A-1 Otter Trawl 1 of 1																																			0
1A-2 Otter Trawl 1 of 2								2	2										1																5
1A-2 Otter Trawl 2 of 2								5	1																										6
1A-3 Beach Seine 1 of 1								2																				18							20
1A-4 (South End) Beach Seine 1 of 2						5																						3						8	
1A-4 (South End) Beach Seine 2 of 2			3			2		3	1	1												43						4						57	
1A-4 (North End) Beach Seine 1 of 2								2																				2			4			8	
1A-4 (North End) Beach Seine 2 of 2						2																												2	
1A-6 Fyke Net 1 of 1						1		1																				1						17	
1A-7 Fyke Net 1 of 1								1										1																4	
1A-8 Fyke Net 1 of 1																			1												1			5	

Date: 03-26-02

1A-1 Otter Trawl 1 of 2				1				1	4																										6
1A-1 Otter Trawl 2 of 2																																			0
1A-9 Purse Seine 1 of 6						3				4													1								4				12
1A-9 Purse Seine 2 of 6																							1			1				2				4	
1A-9 Purse Seine 3 of 6						2				2																									6
1A-9 Purse Seine 4 of 6																																			0
1A-9 Purse Seine 5 of 6																																			0
1A-9 Purse Seine 6 of 6						1																													1

Location Code/ Gear Type/ Replicate Number	American shad	Black crappie	Carp	Channel catfish	Golden shiner	Inland silverside	Mosquitofish	Shimofuri goby	Striped bass	Threadfin shad	Unidentified centrarchid	Wakasagi	Yellowfin goby	Aarow goby	Bay goby	Chinook salmon	Delta smelt	Jack smelt	Long-jawed Mudsucker	Longfin smelt	Northern anchovy	Pacific herring	Pacific sanddab	Prickly sculpin	Sacramento splittail	Sacramento sucker	Staghorn sculpin	Starry flounder	Steelhead	Threespine stickleback	Tule perch	Unidentified smelt	Total	
	Introduced													Native																				
1A-10 Fyke Net 1 of 1																							59											59
1B-1 Otter Trawl 1 of 2																												3						3
1B-1 Otter Trawl 2 of 2								2	4										1								2						9	
2-1 Otter Trawl 1 of 2																															1		1	
2-1 Otter Trawl 2 of 2		1							5																					1		7		
3-1 Purse Seine 1 of 3																																	0	
3-1 Purse Seine 2 of 3																																	0	
3-1 Purse Seine 3 of 3																																	0	
March 2002 Subtotal	0	1	3	1	0	16	0	19	17	7	0	0	0	0	0	0	1	0	3	0	0	123	0	0	1	0	41	0	0	5	2	0	240	

Date: 04-08-02

1A-1 Otter Trawl 1 of 2								2	1																	1	1					5	
1A-1 Otter Trawl 2 of 2									1																	1						2	
1A-4 (South End) Beach Seine 1 of 1						12																92			3	1		2				110	
1A-4 (North End) Beach Seine 1 of 3						7			2				1														30					40	
1A-4 (North End) Beach Seine 2 of 3						6		1	2				2														37					48	
1A-4 (North End) Beach Seine 3 of 3						5																8			1	37						51	
1A-6 Fyke Net 1 of 1						1																							2			14	
1A-7 Fyke Net 1 of 1								1																			1						296
1A-8 Fyke Net 1 of 1																																	0
1A-10 Fyke Net 1 of 1																																	1,100
2-1 Otter Trawl 1 of 1								1																									3

Date: 04-09-02

1A-8 Fyke Net 1 of 1																																	8
1A-9 Purse Seine 1 of 2																											1						24
1A-9 Purse Seine 2 of 2																																	0
1B-1 Otter Trawl 1 of 2								2	8																	4	1						15
1B-1 Otter Trawl 2 of 2								8	6																	4	1						19
2-1 Otter Trawl 1 of 3									4																		1						5
2-1 Otter Trawl 2 of 3									3																								3
2-1 Otter Trawl 3 of 3								3	2																	1							6
3-1 Purse Seine 1 of 3																																	0
3-1 Purse Seine 2 of 3																																	0
3-1 Purse Seine 3 of 3																																	0

Date: 04-22-02

1A-3 Beach Seine 1 of 2						2							1														49						54	
1A-3 Beach Seine 2 of 2						2																					18		2				22	
1A-4 (South End) Beach Seine 1 of 2						11		1									1										3		10				27	
1A-4 (South End) Beach Seine 2 of 2						17							2														11		24				57	
1A-4 (North End) Beach Seine 1 of 2						1																					6		1				14	
1A-4 (North End) Beach Seine 2 of 2						1		2																			8		1				14	
1A-6 Fyke Net 1 of 1						1																					5		1				7	
1A-7 Fyke Net 1 of 1																											8						15	
1A-8 Fyke Net 1 of 1																											150		19					169

Location Code/ Gear Type/ Replicate Number	American shad	Black crappie	Carp	Channel catfish	Golden shiner	Inland silverside	Mosquitofish	Shimofuri goby	Striped bass	Threadfin shad	Unidentified centrarchid	Wakasagi	Yellowfin goby	Aarow goby	Bay goby	Chinook salmon	Delta smelt	Jack smelt	Long-jawed Mudsucker	Longfin smelt	Northern anchovy	Pacific herring	Pacific sanddab	Prickly sculpin	Sacramento splittail	Sacramento sucker	Staghorn sculpin	Starry flounder	Steelhead	Threespine stickleback	Tule perch	Unidentified smelt	Total		
	Introduced													Native																					
Date: 06-20-02																																			
1A-3 Beach Seine 1 of 3								12					2													3									17
1A-3 Beach Seine 2 of 3					1			11					8												19	1				2				42	
1A-3 Beach Seine 3 of 3					1	4		2					4												5	1			2					19	
1A-4 (South End) Beach Seine 1 of 2						1		1																										2	
1A-4 (South End) Beach Seine 2 of 2													1																					1	
1A-4 (North End) Beach Seine 1 of 2						5																												5	
1A-4 (North End) Beach Seine 2 of 2						4		2																										6	
1A-4 (West Side) Beach Seine 1 of 1						6		2					2																					10	
1A-6 Fyke Net 1 of 1																												1						1	
1A-7 Fyke Net 1 of 1							3	2					2																					7	
1A-8 Fyke Net 1 of 1						11		1					1																					13	
1A-10 Fyke Net 1 of 1						8							1																					9	
Date: 06-21-02																																			
1A-1 Otter Trawl 1 of 2																																		0	
1A-1 Otter Trawl 2 of 2									1																									1	
1A-2 Otter Trawl 1 of 2									1																1									2	
1A-2 Otter Trawl 2 of 2								1																										1	
1A-9 Purse Seine 1 of 3																									2									2	
1A-9 Purse Seine 2 of 3																																		0	
1A-9 Purse Seine 3 of 3																																		0	
1B-1 Otter Trawl 1 of 2																																		0	
1B-1 Otter Trawl 2 of 2																																		0	
2-1 Otter Trawl 1 of 2										5																								5	
2-1 Otter Trawl 2 of 2										6																								6	
3-1 Purse Seine 1 of 3																																		0	
3-1 Purse Seine 2 of 3											2																							2	
3-1 Purse Seine 3 of 3						3				1																								4	
June 2002 Subtotal	0	0	0	0	2	45	0	34	13	3	0	0	21	0	0	0	0	0	0	0	0	0	0	0	30	0	3	0	0	2	2	0		155	
Date: 07-19-02																																			
1A-3 Beach Seine 1 of 2						6		3					16																					25	
1A-3 Beach Seine 2 of 2						5		20					10												1	1								37	
1A-4 (South End) Beach Seine 1 of 2						1		1																										2	
1A-4 (South End) Beach Seine 2 of 2						4																												4	
1A-4 (North End) Beach Seine 1 of 2																																		0	
1A-4 (North End) Beach Seine 2 of 2																																		0	
July 2002 Subtotal	0	0	0	0	0	16	0	24	0	0	0	0	26	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0		68	
Total juvenile and adult fish in 2002	1	1	4	1	2	222	1	123	116	17	0	0	88	0	0	2	1	0	3	0	0	3,338	8	4	79	0	372	0	1	54	5	0		4,443	
Project to date total of juvenile and adult fish	12	1	5	1	2	2,458	8	142	320	18	0	1	106	0	0	2	1	0	10	1	3	3,338	8	5	83	0	375	8	1	54	30	0		6,993	

Appendix C

Table C-1. Napa River Fisheries Monitoring Program Environmental Conditions During Larval Sampling, March - June 2001.

Date	USACE / Stillwater Site	Tow	Bottom Depth (meters)	Bottom Depth (feet)	Temp (°C)	Water salinity surface (ppt)	Water salinity surface (microseimens/cm)	Water salinity bottom (ppt)	Water salinity bottom (microseimens/cm)	Secchi depth (cm)	Dissolved oxygen top (mg/l)	Dissolved oxygen bottom (mg/l)	Daily mean flow (cfs)	Tides	
														High	Low
3/24/2001	1A1	1	4.3	14	16.6	0.5	817	0.7	1067	36	-	-	91	6.5	1.2
3/24/2001	1A1	2	4.3	14	16.6	0.5	817	0.7	1067	36	-	-	91	6.5	1.2
3/24/2001	1A1	3	3.0	10	16.6	0.5	817	0.7	1067	36	-	-	91	6.5	1.2
3/24/2001	1B1	1	3.0	10	16.6	0.3	488	0.3	488	58	-	-	91	6.5	1.2
3/24/2001	1B1	2	3.0	10	16.6	0.3	488	0.3	488	58	-	-	91	6.5	1.2
3/24/2001	1B1	3	3.0	10	16.6	0.3	488	0.3	488	58	-	-	91	6.5	1.2
3/24/2001	2-1	3	3.0	10	16.6	0.3	418	0.3	422	74	-	-	91	6.5	1.2
3/24/2001	2-1	1	3.0	10	16.6	0.3	418	0.3	422	74	-	-	91	6.5	1.2
3/24/2001	2-1	2	3.0	10	16.6	0.3	418	0.3	422	74	-	-	91	6.5	1.2
4/7/2001	1A1	2	3.7	12	14.9	1.8	2840	3.0	4626	35	6.22	-	45	6.9	0.2
4/7/2001	1A1	3	3.7	12	14.9	1.8	2840	3.0	4626	35	6.22	-	45	6.9	0.2
4/7/2001	1A1	1	3.7	12	14.9	1.8	2840	3.0	4626	35	6.22	-	45	6.9	0.2
4/7/2001	1B1	3	3.4	11	15.3	1.1	1781	1.3	2038	50	6.04	-	45	6.9	0.2
4/7/2001	1B1	2	3.4	11	15.3	1.1	1781	1.3	2038	50	6.04	-	45	6.9	0.2
4/7/2001	1B1	1	3.4	11	15.3	1.1	1781	1.3	2038	50	6.04	-	45	6.9	0.2
4/7/2001	2-1	1	3.0	10	14.4	0.3	449	0.3	485	61	7.75	-	45	6.9	0.2
4/7/2001	2-1	3	3.0	10	14.4	0.3	449	0.3	485	61	7.75	-	45	6.9	0.2
4/7/2001	2-1	2	3.0	10	14.4	0.3	449	0.3	485	61	7.75	-	45	6.9	0.2
5/5/2001	1A1	1	4.6	15	19.6	6.6	10260	6.8	10600	22	4.90	8.07	-	6.2	0
5/5/2001	1A1	2	4.6	15	19.6	6.6	10260	6.8	10600	22	4.90	8.07	-	6.2	0
5/5/2001	1A1	3	4.6	15	19.6	6.6	10260	6.8	10600	22	4.90	8.07	-	6.2	0
5/5/2001	1B1	1	4.0	13	19.6	4.9	7720	5.5	8660	23	6.50	8.12	-	6.2	0
5/5/2001	1B1	2	4.0	13	19.6	4.9	7720	5.5	8660	23	6.50	8.12	-	6.2	0
5/5/2001	1B1	3	4.0	13	19.6	4.9	7720	5.5	8660	23	6.50	8.12	-	6.2	0
5/5/2001	2-1	1	2.7	9	19.0	1.9	3040	4.5	7100	23	6.60	8.40	-	6.2	0
5/5/2001	2-1	2	2.7	9	19.0	1.9	3040	4.5	7100	23	6.60	8.40	-	6.2	0
5/5/2001	2-1	3	2.7	9	19.0	1.9	3040	4.5	7100	23	6.60	8.40	-	6.2	0
6/4/2001	1A1	2	3.7	12	22.5	10.4	16300	10.9	16960	26	4.53	5.45	7	5.9	-0.8
6/4/2001	1A1	1	3.7	12	22.5	10.4	16300	10.9	16960	26	4.53	5.45	7	5.9	-0.8
6/4/2001	1A1	3	3.7	12	22.5	10.4	16300	10.9	16960	26	4.53	5.45	7	5.9	-0.8
6/4/2001	1B1	3	3.4	11	23.9	9.2	14360	10.5	16430	34	3.30	4.65	7	5.9	-0.8
6/4/2001	1B1	2	3.4	11	23.9	9.2	14360	10.5	16430	34	3.30	4.65	7	5.9	-0.8
6/4/2001	1B1	1	3.4	11	23.9	9.2	14360	10.5	16430	34	3.30	4.65	7	5.9	-0.8
6/4/2001	2-1	3	22.9	75	23.2	6.9	10790	9.5	14790	30	3.95	4.50	7	5.9	-0.8
6/4/2001	2-1	2	3.0	10	23.2	6.9	10790	9.5	14790	30	3.95	4.50	7	5.9	-0.8
6/4/2001	2-1	1	3.0	10	23.2	6.9	10790	9.5	14790	30	3.95	4.50	7	5.9	-0.8

Table C-2. Napa River Fisheries Monitoring Program Environmental Conditions During Juvenile and Adult Fish Sampling, July - December 2001.

Sample Date	USACE / Stillwater Site	Water Temperature Surface (°C)	Water Temperature Bottom (°C)	Water Salinity Surface (ppt)	Water Salinity Bottom (ppt)	Water Turbidity (cm)	Dissolved Oxygen Top (mg/l)	Dissolved Oxygen Bottom (mg/l)	Water Depth (m)	Weather Condition	Tide Elevation (ft)	Tide Description	Wind Speed	Daily mean flow (cfs)	Tides	
															High	Low
7/16/2001	1A-9	21.7	21.7	17.4	15.6	61	5.84	0	2.5	Clear			Light	1	5.2	0.6
7/16/2001	3-1	24	23.1	7.6	9.3	61	6.41	5	4.5	Clear	3.4	Ebb	Light	1	5.2	0.6
7/16/2001	1A-2	20.8	20.8	17.1	17.3	61	4.34	0	6	Clear	4.9	High	Light	1	5.2	0.6
7/16/2001	3-1	24	23.1	7.6	9.3	61	6.41	5	4.5	Clear	305	Ebb	Light	1	5.2	0.6
7/17/2001	1A-8	25.6	25.6	13.9	14.3	91	9.86	10.84	0.64	Clear			Light	1	5.6	-0.1
7/17/2001	1A-5	23.8	23.8	10.1	12.9	61	5.9	5.68	0.55	Clear			Light	1	5.6	-0.1
7/17/2001	1A-6	26.9	26.9	17.2	18.1	91	8.85	9.93	1.51	Clear			Light	1	5.6	-0.1
7/17/2001	1A-3	23.5	23.6	10	9.8	61	5.52	5.6	0.33	Clear			Light	1	5.6	-0.1
7/17/2001	1A-7	26.8	26.7	10.4	11.7	91	8.74	8.63	0.61	Clear	5	Ebb	Light	1	5.6	-0.1
7/17/2001	1A-10	26.9	26.5	18.2	18.2	76	5.96	5.98	1	Clear	5	Flood	Light	1	5.6	-0.1
8/14/2001	1A-4	19.2	19.2	20.7	20.7	30	2.65	2.65	0.25	Overcast	5.5	Ebb	Light	0	5.5	0.5
8/14/2001	1A-4	19.2	19.2	20.7	20.7	30	2.65	2.65	0.3	Clear	5.3	Ebb	Light	0	5.5	0.5
8/14/2001	1A-10	23.6	23.6	20.6	20.6	61	7.36	7.36	1.27	Overcast			Light	0	5.5	0.5
8/14/2001	1A-8	24.8	24.9	20.5	20.6	61	9.6	9.9	0.4	Clear			Light	0	5.5	0.5
8/14/2001	1A-7	26.9	26.9	20.6	26.9		10.65	10.7	0.3	Clear			Light	0	5.5	0.5
8/14/2001	1A-6	25.8	25.7	20.9	20.9	61	9.08	9.52	1.15	Clear			Light	0	5.5	0.5
8/14/2001	1A-3	25.2	25.4	19.6	19.5	183	5.33	5.35	0.58	Clear			Light	0	5.5	0.5
8/14/2001	1A-5	23.9	23.6	20.1	20.1	30	5.09	4.82	0.62	Clear			Light	0	5.5	0.5
8/15/2001	2-1	23.6	22.5	19.3	19.4	46	5.83	3	7	Clear	5.25	Flood	Light	0	5.9	-0.1
8/15/2001	1B-1	23.3	21.8	19.3	20.8	30	6.78	4.1	5	Clear	5.6	Ebb	None	0	5.9	-0.1
8/15/2001	1A-9	21	21.5	20.7	20.3	37	3.46	3.78	3	Overcast	2.2	Flood	Light	0	5.9	-0.1
8/15/2001	3-1	23.3	23.4	17.1	17.4	46	5.56	5.4	5.1	Clear	3.7	Flood	Light	0	5.9	-0.1
8/15/2001	1A-1	22.8	21.6	20.3	20.6	61	5.91	3.63	6	Clear	4.8	Ebb	Light	0	5.9	-0.1
8/15/2001	1A-2	23.8	23.5	20.9	20.8	46	6.48	5.96	1.5	Overcast	4.5	Ebb	Light	0	5.9	-0.1
9/11/2001	1A-4	20.1	20.1	21.6	21.9	46	3.12	0.11	1	Clear	4.4	Ebb	Light	0	5.6	3.4
9/11/2001	1A-4	20.1	20.1	21.6	21.9	46	3.12	0.11	1	Clear	4.4	Ebb	Light	0	5.6	3.4
9/11/2001	1A-9	20.4	20.7	22.2	22.2	61	3.88	3.62	3.3	Clear	2.2	Ebb	Light	0	5.6	3.4
9/11/2001	1A-9	20.4	20.7	22.2	22.2	61	3.88	3.62	3.3	Clear	2.2	Ebb	Light	0	5.6	3.4
9/11/2001	3-1	22.6	21.9	18	19.4	46	5.67	4.13	3.3	Clear	3.7	Ebb	Light	0	5.6	3.4
9/11/2001	3-1	22.6	21.9	18	19.4	46	5.67	4.13	3.3	Clear	4.5	Ebb	Light	0	5.6	3.4

Sample Date	USACE / Stillwater Site	Water Temperature Surface (°C)	Water Temperature Bottom (°C)	Water Salinity Surface (ppt)	Water Salinity Bottom (ppt)	Water Turbidity (cm)	Dissolved Oxygen Top (mg/l)	Dissolved Oxygen Bottom (mg/l)	Water Depth (m)	Weather Condition	Tide Elevation (ft)	Tide Description	Wind Speed	Daily mean flow (cfs)	Tides	
															High	Low
9/11/2001	2-1	22.6	21.6	20.3	21.3	41	7.04	3.4	3.38	Clear	4	Ebb	Light	0	5.6	3.4
9/11/2001	1B-1	22.6	21.2	21.3	21.8	46	7.76	4.03	5.12	Clear	3.4	Ebb	Light	0	5.6	3.4
9/11/2001	1A-1	22.7	20.6	22.2	22	46	6.16	3.45	5.48	Clear	3.4	Low	Light	0	5.6	3.4
9/11/2001	1A-2	24.6	24.3	22.7	22.7	56	7.76	8.08	1.37	Clear	3.8	Flood	Light	0	5.6	3.4
10/11/2001	1A-3	21.4	21.4	19.9	19.9	46	9.8	9.8	0.262	Overcast	5	Ebb	Light	0	6.3	3.1
10/11/2001	1A-4	17.8	17.8	20.9	20.9	46	7.43	7.43	0.15	Overcast	6	High	None	0	6.3	3.1
11/8/2001	1A-10	16.2	16.2	18.4	18.4		9.42	10.09	0.82	Clear	4.3	Ebb	None	0	6.4	3.3
11/8/2001	1A-9	15.1	15.1	18.5	18.5	67	5.16	1.15	2.3	Clear	6.1	Ebb	None	0	6.4	3.3
11/8/2001	1A-6	15.4	15.2	18.5	18.5	76	5.55	4.65	1.5	Clear	3	Ebb	None	0	6.4	3.3
11/8/2001	3-1	15.4	15.6	15	15.8	61	4.5	3.9	7.3	Clear	1.5	Ebb	None	0	6.4	3.3
11/8/2001	2-1	16.1	15.8	16.9	17.5	76	4.85	4.03	5	Clear	1.5	Ebb	None	0	6.4	3.3
11/8/2001	1B-1	16.1	15.7	17.6	17.7	84	4.85	4.45	5.2	Clear	1.5	Ebb	None	0	6.4	3.3
11/8/2001	1A-3	16.1	15.7	17.6	17.7	84	4.85	4.45	5.2	Clear	3.3	Ebb	None	0	6.4	3.3
11/8/2001	1A-1	16	15.7	17.9	17.9	69	5.5	5.9	5.4	Clear	3	Ebb	None	0	6.4	3.3
11/8/2001	1A-3	16.1	15.7	17.6	17.7	84	4.85	4.45	5.2	Clear	3.3	Ebb	None	0	6.4	3.3
11/9/2001	1A-6	17.7	17.7	18.3	18.3	58	14.61	14.72	1.77	Clear			None	0	6.7	2.7
11/9/2001	1A-3	14.7	14.4	17.9	17.8	56	4.6	4.5	0.61	Clear			Light	0	6.7	2.7
11/9/2001	1A-5	15.1	15.1	18.4	18.3	61	5.74	5.26	0.64	Clear			Light	0	6.7	2.7
11/9/2001	1A-7	15.2	15.2	18.6	18.6	61	5.2	5.6	0.73	Clear			Light	0	6.7	2.7
11/9/2001	1A-8	15.2	15.2	18.6	18.6		5.07	4.42	0.88	Clear			None	0	6.7	2.7
11/9/2001	1A-4	15.4	15.3	18.6	18.6		5.43	5.43	0.58	Clear	6.8	High	Light	0	6.7	2.7
11/9/2001	1A-3	14.7	14.4	14.9	17.8	58	4.6	4.5	0.61	Overcast	6	Ebb	Light	0	6.7	2.7
12/10/2001	1A-1	11.6	11.5	0.3	0.3	23	9.5	9.45	6.3	Clear	0.91	Ebb	Light	293	7.7	0.6
12/10/2001	1A-3	11.9	12	0.2	0.2	23	9.8	9.84	0.61	Clear	1.83	Ebb	Light	293	7.7	0.6
12/10/2001	1A-4	11.7	11.7	0.5	0.5	18	8.81	8.81	0.62	Clear	1.83	High	None	293	7.7	0.6
12/10/2001	1A-4	11.6	11.6	0.4	0.4	25	9.5	9.5	0.55	Clear	2.35	High	None	293	7.7	0.6

Table C-3. Napa River Fisheries Monitoring Program Environmental Conditions During Juvenile and Adult Fish Sampling, February - July 2002.

Sample Date	USACE / Stillwater Site	Water Temperature Surface (°C)	Water Temperature Bottom (°C)	Water Salinity Surface (ppt)	Water Salinity Bottom (ppt)	Water Turbidity (cm)	Dissolved Oxygen Top (mg/l)	Dissolved Oxygen Bottom (mg/l)	Water Depth (m)	Weather Condition	Tide Elevation (ft)	Tide Description	Daily mean flow (cfs)	Tides	
														High	Low
2/25/2002	1A-1	14.9	14.4	3.3	3.6	28	11.15	10.44	8	Clear	2.1	Ebb	177	8.0	2.6
2/25/2002	1A-3	14.2	13.9	0.9	0.9	15	10.7	11	0.5	Clear	2.4	High	177	8.0	2.6
2/25/2002	1A-3	14.2	13.9	0.9	0.9	15	10.7	11	0.5	Clear	2.4	High	177	8.0	2.6
2/25/2002	1A-4	14.4	14.4	2.2	2.1	15	10.7	10.3	0.45	Clear	2.1	Flood	177	8.0	2.6
2/25/2002	1A-4	14.4	14.4	2.2	2.1	15	10.7	10.3	0.45	Clear	2.1	Flood	177	8.0	2.6
2/25/2002	1A-4	14.8	14.8	2.4	2.5	14	10.8	9.9	0.45	Clear	2.1	Flood	177	8.0	2.6
2/25/2002	1A-4	14.7	14.7	3.2	2.9	15	10.8	10.4	0.45	Clear	2.2	Flood	177	8.0	2.6
2/25/2002	1B-1	14.3	13.6	0.3	0.7	36	11.3	11.08	7	Clear	2.1	Ebb	177	8.0	2.6
3/25/2002	1A-2	15.4	14.5	2.9	3.2	33	9.37	8.68	2	Overcast	2.1	Ebb	190	7.2	2.5
3/25/2002	1A-3	15.2	14.8	0.3	0.3	46	10.02	9.87	0.5	Clear	1.4	Ebb	190	7.2	2.5
3/25/2002	1A-4	14.5	14.4	2.5	2.5	15	8.51	8.04	0.46	Overcast	2.13	Flood	190	7.2	2.5
3/25/2002	1A-4	15.3	15.2	2.6	2.6	23	9.63	9.55	0.61	Overcast	2.13	Ebb	190	7.2	2.5
3/25/2002	1A-6	15.3	15.2	2.6	2.6	23	9.63	9.55	0.61	Overcast	2.2	High	190	7.2	2.5
3/25/2002	1A-7	17	16.9	2.3	2.3	23	11.43	11.2	0.61	Overcast	2.2	High	190	7.2	2.5
3/25/2002	1A-7	17	16.9	2.3	2.3	23	11.43	11.2	0.61	Overcast	2.2	High	190	7.2	2.5
3/25/2002	1A-8	16.8	16.9	1.6	1.6	23	15.13	15.12	0.61	Overcast	2.2	High	190	7.2	2.5
3/26/2002	1A-1	15.4	14.2	1.3	5.4	38	9.92	1.95	8	Clear	2.1	High	165	7.3	1.8
3/26/2002	1A-10	16.5	16.3	3.4	3.4	31	9.78	9.7	1.2	Clear	2.2	High	165	7.3	1.8
3/26/2002	1A-9	14.6	14.7	2.3	3.2	23	8.97	1.79	1.5	Clear	2.2	Flood	165	7.3	1.8
3/26/2002	1A-9	14.6	14.7	2.3	3.2	23	8.97	1.79	1.5	Clear	2.2	Flood	165	7.3	1.8
3/26/2002	1B-1	14.5	14	0.7	0.7	38	9.6	9	7	Clear	2.13	Flood	165	7.3	1.8
3/26/2002	2-1	13.9	13.4	0.2	0.2	46	9.37	9.39	4.5	Clear	1.8	Flood	165	7.3	1.8
4/8/2002	1A-1	17.5	17.2	2.3	3.7	20	8.7	6.94	6.6	Overcast	1.5	Ebb	81	6.3	2.0
4/8/2002	1A-1	17.5	17.2	2.3	3.7	20	8.7	6.94	6.6	Overcast	1.5	Ebb	81	6.3	2.0
4/8/2002	1A-10	19.1	19.2	3.3	3.3	20	13.2	13.9	0.91	Overcast	1.9	High	81	6.3	2.0
4/8/2002	1A-4	17.2	17	0.9	1.7	30	8	8.47	0.61	Overcast	1.8	Flood	81	6.3	2.0
4/8/2002	1A-4	17.2	17.2	3.5	3.4	18	7.2	8	0.52	Overcast	1.98	High	81	6.3	2.0
4/8/2002	1A-4	17.3	17.3	4.2	4.2	20	7.21	6.89	0.55	Overcast	1.9	High	81	6.3	2.0
4/8/2002	1A-6	19.2	19.2	3.4	3.5	23	12.62	12.31	0.67	Overcast	1.9	High	81	6.3	2.0
4/8/2002	1A-7	19.2	19.2	3.4	3.5	23	12.62	12.31	0.67	Overcast	1.9	High	81	6.3	2.0
4/8/2002	2-1	17.3	17.3	4.3	4.3	20	7.6	7.17	20	Overcast	1.8	Ebb	81	6.3	2.0
4/9/2002	1A-8	17	17	4.3	4.3	30	7.68	7.73	1	Overcast	1.9	High	79	6.2	1.6
4/9/2002	1A-9	17	17.1	4.2	4.1	20	8.2	8.2	1.5	Overcast	1.5	Ebb	79	6.2	1.6
4/9/2002	1B-1	16.8	16.7	1.5	2	23	8.76	8.16	4.4	Overcast	1.8	Ebb	79	6.2	1.6
4/9/2002	1B-1	16.8	16.7	1.5	2	23	8.76	8.16	4.4	Overcast	1.8	Ebb	79	6.2	1.6
4/9/2002	2-1	16.4	16.3	0.5	0.6	46	9.45	8.73	5.3	Overcast	1.9	High	79	6.2	1.6
4/9/2002	2-1	16.4	16.3	0.5	0.6	46	9.45	8.73	5.3	Overcast	1.9	High	79	6.2	1.6
4/22/2002	1A-3	20.8	19.8	2.8	3.1	46	10.6	11.8	0.61	Clear	1.6	Ebb	48	6.4	2.5
4/22/2002	1A-4	17.5	17.4	6.3	6.3	2	8.06	7.6	0.43	Clear	1.67	Ebb	48	6.4	2.5
4/22/2002	1A-4	17.5	17.4	6.3	6.3	2	8.06	7.6	0.43	Clear	1.67	Ebb	48	6.4	2.5

Sample Date	USACE / Stillwater Site	Water Temperature Surface (°C)	Water Temperature Bottom (°C)	Water Salinity Surface (ppt)	Water Salinity Bottom (ppt)	Water Turbidity (cm)	Dissolved Oxygen Top (mg/l)	Dissolved Oxygen Bottom (mg/l)	Water Depth (m)	Weather Condition	Tide Elevation (ft)	Tide Description	Daily mean flow (cfs)	Tides	
														High	Low
4/22/2002	1A-4	17	17	6.1	6.1	2	8.3	8.5	0.46	Clear	1.95	Flood	48	6.4	2.5
4/22/2002	1A-6	26.2	26.2	5.6	5.6	23	19.11	19.11	0.3	Clear	1.95	High	48	6.4	2.5
4/22/2002	1A-7	22.5	22.2	5.3	5.4	23	15.5	14.9	0.3	Clear	1.95	High	48	6.4	2.5
4/22/2002	1A-8	22.5	22.2	5.3	5.4	23	15.5	14.9	0	Clear	1.95	High	48	6.4	2.5
4/23/2002	1A-1	18.8	18	5	6.8	38	10.02	7.66	4.3	Clear	1.95	Ebb	48	6.5	1.7
4/23/2002	1A-10	17.7	16.8	4.5	5.3	36	8.1	7.34	1.25	Clear	1.98	High	48	6.5	1.7
4/23/2002	1A-2	21.8	19.2	6.2	6.5	51	9.33	5.4	2.4	Clear	1.89	Ebb	48	6.5	1.7
4/23/2002	1A-9	19	18.8	4.9	6.4	33	8.45	7.02	1.06	Clear	1.6	Ebb	48	6.5	1.7
4/23/2002	1B-1	20.1	18.3	2.6	4.1	64	11.5	8.8	6.4	Clear	1.98	High	48	6.5	1.7
4/23/2002	1B-1	20.1	18.3	2.6	4.1	64	11.5	8.8	6.4	Clear	1.98	High	48	6.5	1.7
4/23/2002	1B-1	20.1	18.3	2.6	4.1	64	11.5	8.8	6.4	Clear	1.98	High	48	6.5	1.7
4/23/2002	1B-1	20.1	18.3	2.6	4.1	64	11.5	8.8	6.4	Clear	1.98	High	48	6.5	1.7
4/23/2002	2-1	19.1	18.3	1.8	2.4	51	10.95	8.34	5.3	Clear	1.95	Flood	48	6.5	1.7
4/23/2002	2-1	19.1	18.3	1.8	2.4	51	10.95	8.34	5.3	Clear	1.95	Flood	48	6.5	1.7
4/23/2002	3-1	17.2	17.3	0.2	0.3	81	10.65	9.6	8	Clear	1.9	Flood	48	6.5	1.7
5/22/2002	1A-1	19.7	18.5	6.7	6.8	31	7.9	6.69	5.69	Clear	4.5	Ebb	30	5.8	1.0
5/22/2002	1A-10	20.2	20.1	8	8	27	6.7	6.94	0.8	Clear	1.8	High	30	5.8	1.0
5/22/2002	1A-2	20.7	18.6	8.1	8.3	15	7.13	6.24	1.7	Clear	1.5	Ebb	30	5.8	1.0
5/22/2002	1A-7	20.5	19.2	8.2	8.3	26	6.93	6.44	0.24	Clear	1.8	-	30	5.8	1.0
5/22/2002	1A-8	20.2	19.3	8.1	8.2	20	7	4	0.43	Clear	1.8	-	30	5.8	1.0
5/22/2002	1B-1	18.4	17.8	6	6.4	24	7.42	6.38	5.69	Clear	5.7	Flood	30	5.8	1.0
5/22/2002	2-1	18.8	18.7	3.4	4.2	30	8.44	6.08	5.55	Clear	1.7	Flood	30	5.8	1.0
5/22/2002	2-1	18.8	18.7	3.4	4.2	30	8.44	6.08	5.55	Clear	1.7	Flood	30	5.8	1.0
5/23/2002	1A-3	20.8	20.7	5.2	5.2	18	7.84	7.67	0.58	Clear	1.4	Ebb	25	5.9	0.1
5/23/2002	1A-4	19.6	19.2	8.4	8.4	18	5.96	5.55	0.37	Clear	1.8	High	25	5.9	0.1
5/23/2002	1A-4	20.8	20.6	8.4	8.5	18	7.38	5.32	0.48	Clear	1.7	Ebb	25	5.9	0.1
5/23/2002	1A-9	25	24.6	1.5	7.6	18	9.45	9.11	1.2	Clear	1.1	Ebb	25	5.9	0.1
5/23/2002	3-1	18.4	18.2	1.2	1.5	30	6.56	6.1	6.9	Clear	1.5	Flood	25	5.9	0.1
5/23/2002	3-1	18.4	18.2	1.2	1.5	30	6.56	6.1	6.9	Clear	1.5	Flood	25	5.9	0.1
5/23/2002	3-1	18.4	18.2	1.2	1.5	30	6.56	6.1	6.9	Clear	1.5	Flood	25	5.9	0.1
6/20/2002	1A-10	23.2	22.8	11.6	11.8	41	6.88	6.1	0.85	Clear	1.6	High	10	5.4	0.5
6/20/2002	1A-3	21.9	22	9.8	9.9	48	5.5	5.4	0.76	Clear	1.6	Flood	10	5.4	0.5
6/20/2002	1A-4	23.9	24.1	11.6	11.6	25	7.66	7.66	0.5	Clear	1.6	Ebb	10	5.4	0.5
6/20/2002	1A-4	26.2	26.2	11.3	11.3	15	9.53	9.53	0.15	Clear	1.6	Ebb	10	5.4	0.5
6/20/2002	1A-4	25.7	25	11.3	11.4	28	10.05	9	0.46	Clear	1.5	Ebb	10	5.4	0.5
6/20/2002	1A-6	23.9	24.1	11.6	11.6	25	7.66	7.66	0.15	Clear	1.6	High	10	5.4	0.5
6/20/2002	1A-7	22.8	22.9	11.8	11.8	33	5.71	5.8	0.37	Clear	1.6	High	10	5.4	0.5
6/20/2002	1A-8	22.7	22.7	11.8	11.8	41	5.54	5.4	0.46	Clear	1.6	High	10	5.4	0.5
6/21/2002	1A-1	22.7	21.9	10.3	10.4	30	7.01	6.04	5.7	Clear	1.4	Ebb	9	5.6	-0.2
6/21/2002	1A-2	22.6	22.6	12	12	36	6.18	6.37	1.7	Clear	1.7	Ebb	9	5.6	-0.2
6/21/2002	1A-9	22.3	22.5	12	11.9	33	8.05	5.81	0.91	Clear	1.8	High	9	5.6	-0.2
6/21/2002	2-1	24.3	23.1	8.3	8.5	41	6.49	5.81	6.4	Clear	1.7	Flood	9	5.6	-0.2
6/21/2002	3-1	22.2	23.4	5.5	5.5	46	6.67	4.87	5.6	Overcast	1.4	Flood	9	5.6	-0.2
6/21/2002	3-1	22.2	23.4	5.5	5.5	46	6.67	4.87	5.6	Overcast	1.4	Flood	9	5.6	-0.2
7/19/2002	1A-3	20.3	22.5	14.7	14.8	36	6.15	6.35	1.75	Clear	1.67	High	5	5.5	0.2
7/19/2002	1A-3	20.3	22.5	14.7	14.8	36	6.15	6.35	1.75	Clear	1.67	High	5	5.5	0.2
7/19/2002	1A-3	20.3	22.5	14.7	14.8	36	6.15	6.35	1.75	Clear	1.67	High	5	5.5	0.2
7/19/2002	1A-4	21.5	21.5	15.9	15.9	30	4.92	4.92	0.45	Clear	1.46	Flood	5	5.5	0.2
7/19/2002	1A-4	21.5	21.5	15.9	15.9	30	4.92	4.92	0.45	Clear	1.46	Flood	5	5.5	0.2