

Summary of lower Colorado River Native Fishes Database Activities for 2011

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Razorback Sucker Captured During 2011 in Lake Mohave, AZ-NV

Gender	N Fish Captured 2011								Grand Total
	Without PIT Tags				With PIT Tags				
	Mar	Jun Aug Sep	Nov	Total	Mar*	Jun Aug Sep	Nov	Total	
Female	20	3	6	29	108	31	10	149	178
Male	1	0	1	2	63	28	8	99	101
Unknown	0	0	0	0	2	24	0	26	26
Total	21	3	7	31^a	171	83	18	274	305^b

^aAll fish marked as repatriates in database

^bSame-trip captures (N=5) included in analysis



PIT-tagged Razorback Sucker Captured During 2011 in Lake Mohave, AZ-NV

Gender	N Fish Captured 2011								Grand Total
	Wild adult				Repatriate				
	Mar*	Jun Aug Sep	Nov	Total	Mar	Jun Aug Sep	Nov	Total	
Female	1	1	0	2	103	30	10	143	142
Male	3	0	0	3	59	28	8	95	98
Unknown	0	0	0	0	2	24	0	26	26
Total	4	1	0	5	164	82	18	264	269^a

^aSame-trip captures (N=5) omitted from analysis



PIT-tagged Repatriated Razorback Sucker Reared in Off-Site Facilities Captured During 2011 in Lake Mohave, AZ-NV

Rearing Location (RL)	RL Total N Fish Released (All Years) ^a	RL Total N Fish Captured (All Years) ^{a,b}	N Fish Captured 2011			
			Mar	Jun Aug Sep	Nov	Total
Achii Hanyo SFH	2,919	80	16	7	2	25
BCGC Ponds	6,907	240	1	2	0	3
BCWP	9,866	647	6	5	1	12
Bubbling Ponds FH	15,858	209	16	31	1	48
Dexter NFH	8,625	45	2	4	5	11
Willow Beach NFH	80,860	882	39	21	3	63
Total	125,035	2,103	80	70	12	162^c

^aIncludes 2011 data

^bIncludes same trip captures and multiple recaptures

^cData from paired release-capture data only (17 fish omitted with unknown release data or captured twice in 2011)



PIT-tagged Repatriated Razorback Sucker Reared in Lakeside Backwaters Captured During 2011 in Lake Mohave, AZ-NV

Rearing Location (RL)	RL Total N Fish Released (All Years) ^a	RL Total N Fish Captured (All Years) ^{a,b}	N Fish Captured 2011			
			Mar	Jun Aug Sep	Nov	Total
Arizona Juvenile	4,035	174	7	0	1	8
Dandy Cove	5,480	138	11	0	1	12
Davis Cove	1,395	76	4	0	0	4
Nevada Larvae	1,679	64	2	0	0	2
North Chem Cove	4,341	182	14	0	2	16
Nine Mile Cove	233	31	0	0	1	1
South Sidewinder	500	37	0	1	0	1
Willow Cove	565	27	5	0	0	5
Yuma Cove	13,649	614	30	3	3	36
Total	31,877	1,343	73	4	8	85^c

^aIncludes 2011 data

^bIncludes same trip captures and multiple recaptures

^cData from paired release-capture data only (see previous slide for omitted fish)



Current Wild Adult Razorback Sucker Population Estimate, Lake Mohave, AZ-NV

N^*	13
95% Confidence Interval	
Lower	Upper
4	250



Current Repatriated Razorback Sucker Population Estimate, Lake Mohave, AZ-NV

<i>N*</i>		2,966	
95% Confidence Interval		<i>N</i> Repatriates Released (as of March 1, 2010)	Estimated % Survival
Lower	Upper		
1,509	6,063	147,286	2



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NFWG field crews at ASU, AZFWSCO, AZGFD, BWRNWR, BR, CDFG, CNWF, GS, M&A, NPS, NDOW and volunteers

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Hatchery crews at Achii FH, Bubbling Ponds FH, Dexter NFH and Willow Beach NFH

