

**Razorback Sucker  
Roundup Summary  
March, May and November, 2010  
Lake Mohave, AZ-NV**

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# Razorback Sucker Captured During 2010 Roundups, Lake Mohave, AZ-NV

Gender	N Fish Captured 2010								Grand Total
	Without PIT Tags				With PIT Tags				
	Mar*	May	Nov Dec	Total	Mar*	May	Nov Dec	Total	
Female	6	-	1	7	145	-	3	148	155
Male	7	-	0	7	118	-	2	120	127
Juvenile	0	-	0	0	0	-	0	0	0
Unknown	0	-	0	0	10	-	2	12	12
<b>Total</b>	<b>13</b>	<b>-</b>	<b>1</b>	<b>14</b>	<b>273</b>	<b>-</b>	<b>7</b>	<b>280</b>	<b>294</b>

\*Same-trip captures (N=4) included in analysis



# PIT-tagged Razorback Sucker Captured During 2010 Roundups, Lake Mohave, AZ-NV

Gender	N Fish Captured 2010												Grand Total
	Wild adult				Repatriate				Unknown				
	Mar*	May	Nov Dec	Total	Mar*	May	Nov Dec	Total	Mar*	May	Nov Dec	Total	
Female	3	-	0	3	137	-	4	141	4	-	0	4	148
Male	0	-	0	0	115	-	2	117	1	-	0	1	118
Juvenile	0	-	0	0	0	-	0	0	0	-	0	0	0
Unknown	0	-	0	0	9	-	2	11	0	-	0	0	11
Total	3	-	0	3	261	-	8	269	5	-	0	5	277

\*Same-trip captures (N=4) omitted from analysis



# PIT-tagged Repatriated Razorback Sucker Reared in Off-Site Facilities Captured During 2010 Roundups, Lake Mohave, AZ-NV

Rearing Location (RL)	RL Total N Fish Released (All Years)*	RL Total N Fish Captured (All Years)*	N Fish Captured 2010			
			Mar**	May***	Nov Dec	Total
Achii Hanyo SFH	917	54	50	-	1	51
BCGC Ponds	6,907	233	4	-	0	4
BCWP	9,866	630	12	-	0	12
Bubbling Ponds FH	15,858	161	27	-	0	27
Dexter NFH	8,125	34	1	-	0	1
Willow Beach NFH	75,098	830	111	-	1	111
<b>Total</b>	<b>116,771</b>	<b>1,942</b>	<b>205</b>	<b>-</b>	<b>2</b>	<b>207</b>

\*Including 2010 data

\*\*Data from paired release-capture data only (7 fish omitted with unknown release data)

\*\*\*Data from paired release-capture data only (2 fish omitted with unknown release data)



# PIT-tagged Repatriated Razorback Sucker Reared in Lakeside Backwaters Captured During 2010 Roundups, Lake Mohave, AZ-NV

Rearing Location (RL)	RL Total N Fish Released (All Years)*	RL Total N Fish Captured (All Years)*	N Fish Captured 2010			
			Mar**	May	Nov Dec**	Total
Arizona Juvenile	3,957	166	4	-	0	4
Dandy Cove	5,450	125	11	-	1	12
Davis Cove	1,395	71	4	-	0	4
Nevada Egg	298	18	1	-	0	1
Nevada Larvae	1,677	63	3	-	0	3
Nine Mile Cove	233	28	4	-	0	4
North Chem Cove	4,245	163	6	-	0	6
South Sidewinder	500	36	0	-	0	0
Willow Cove	544	22	1	-	0	1
Yuma Cove	13,404	578	15	-	3	18
<b>Total</b>	<b>31,405</b>	<b>1,270</b>	<b>49</b>	<b>-</b>	<b>4</b>	<b>53</b>

\*Including 2010 data

\*\*Data from paired release-capture data only (see previous slide for omitted fish)



Current 2009-2010  
Wild Adult Razorback Sucker  
Population Estimate, Lake Mohave, AZ-NV

<b><math>N^*</math></b>	<b>24</b>
<b>95% Confidence Interval</b>	
<b>Lower</b>	<b>Upper</b>
<b>9</b>	<b>480</b>



**Current 2009-2010  
Repatriated Razorback Sucker  
Population Estimate, Lake Mohave, AZ-NV**

<b><i>N</i>*</b>		<b>1,439</b>	
<b>95% Confidence Interval</b>		<b><i>N</i> Repatriates Released (as of March 1, 2009)</b>	<b>Estimated % Survival</b>
<b>Lower</b>	<b>Upper</b>		
<b>753</b>	<b>2,805</b>	<b>128,695</b>	<b>1</b>



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

