Summary of lower Colorado River Native Fishes Database Activities for 2012

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Razorback Sucker Captured During 2012 in Lake Mohave, AZ-NV

Gender	*N* Fish Captured 2012								Grand Total
	Without PIT Tags[a]				With PIT Tags[b]				
	Mar	Apr Sep	Nov	Total	Mar	Apr Sep	Nov	Total	
Female	6	3	0	9	110	7	9	126	135
Male	3	1	0	4	50	7	5	62	66
Unknown	0	0	0	0	1	3	0	4	4
Total	**9**	**4**	**0**	**13**	**161**	**17**	**14**	**192**	**205**

[a]All fish marked as repatriates in database
[b]Same-trip captures (*N*=11) included in analysis

PIT-tagged Razorback Sucker Captured During 2012 in Lake Mohave, AZ-NV

Gender	*N* Fish Captured 2012[a]					Grand Total
	Repatriate				Unknown	
	Mar	Apr Sep	Nov	Total	Mar	
Female	107	9	8	124	2	126
Male	50	8	5	63	1	64
Unknown	1	3	0	4	0	4
Total	158	20	13	191	3	194

[a]Same-trip captures (*N*=11) omitted from analysis

PIT-tagged Repatriated Razorback Sucker Reared in Off-Site Facilities Captured During 2012 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 2012[c]			
			Mar	Apr Sep	Nov	Total
Achii Hanyo SFH	2,919	88	8	0	0	8
BCGC Ponds	6,907	246	5	0	0	5
BCWP	9,866	667	8	0	2	10
Bubbling Ponds FH	15,858	232	14	5	0	19
Dexter NFH	8,625	48	1	2	0	3
Phoenix Zoo	143	5	1	0	0	1
Willow Beach NFH	87,935	938	35	4	4	43
Total	132,253	2,224	72	11	6	89

[a]Includes 2012 data
[b]Includes same trip captures and multiple recaptures
[c]Data from paired release-capture data only (17 fish omitted with unknown release data or captured twice in 2012)

PIT-tagged Repatriated Razorback Sucker Reared in Lakeside Backwaters Captured During 2012 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 2012[c]			
			Mar	Apr Sep	Nov	Total
Arizona Juvenile	4,208	186	10	0	2	12
Dandy Cove	5,621	152	10	0	3	13
Nevada Egg	298	20	2	0	0	2
North Chem Cove	4,400	196	13	1	0	14
Nine Mile Cove	233	33	1	0	1	2
South Sidewinder	500	39	1	0	0	1
Willow Cove	589	28	1	0	0	1
Yuma Cove	13,795	656	34	4	2	40
Total	29,644	1,310	72	5	8	85

[a]Includes 2012 data
[b]Includes same trip captures and multiple recaptures
[c]Data from paired release-capture data only (see previous slide for omitted fish)

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

*N**			2,577
95% Confidence Interval		*N* Repatriates Released (as of March 1, 2011)	Estimated % Survival
Lower	Upper		
1,139	6,284	154,009	2

About the NFWG Database…

Garbage In --> Garbage Out

- Where do we fix data quality issues?
  - At its source!
- How do we fix data quality issues?
  - Send in the best quality data.
  - Send in best quality data as soon as you can.

Acknowledgements

LCRMSCP BR, Boulder City, NV

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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