

Summary of Lower Colorado River Native Fishes Database Activities for 2019



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Lower Colorado River Multi-Species Conservation Program



Balancing Resource Use and Conservation



Lower Colorado River Native Fishes Database



- **1990 → Native Fish Work Group centralized fish stocking and monitoring data at Arizona State University**



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- 2019 → **605K** PIT-tag + and other records



Lower Colorado River Native Fish Database

PIT Tag Records Summary by LCR MSCP Reaches, CY19



Reach	N fish		
	Collected	Stocked	Total
1	0	0	0
2	549	12,480	13,029
3	279	5,927	6,206
4&5	211	19,259	19,470
Total	1,039	37,666	38,705



Lower Colorado River Native Fish Database PIT Tag Records Summary in LCR MSCP Reach 1 by Species and Area, CY2019



Species	Area	N fish
		Collected
FLSU	Main channel	72
RASU		62
BLSU		1
HUCH		17
Total		152



Lower Colorado River Native Fish Database PIT Tag Records Summary in LCR MSCP Reach 2 by Species and Area, CY2019



Species	Area	N fish		
		Collected	Stocked	Total
BONY	Main channel	0	220	220
RASU		372	11,732	12,104
	Select backwaters	177	528	705
Total		549	12,480	13,029



Lower Colorado River Native Fish Database PIT Tag Records Summary in LCR MSCP Reach 3 by Species and Area, CY2019



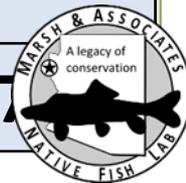
Species	Area	N fish		
		Collected	Stocked	Total
BONY	Main channel	5	1026	1031
FLSU		9	0	9
RASU		93	3,409	3,502
RASU	Select backwaters	172	1,492	1,664
Total		279	5,927	6,206



Lower Colorado River Native Fish Database PIT Tag Records Summary in LCR MSCP Reaches 4&5 by Species and Area, CY2019



Species	Area	N fish		
		Collected	Stocked	Total
BONY	Main channel	100	0	100
	Select backwaters	0	6070	6,070
RASU	Main channel	22	13,189	13,211
	Select backwaters	89	0	89
Total		211	19,259	19,470



Summary of RASU Collected in LCR MSCP Reach 2 During March Roundup by Collection Agency and Sex, 2019



	N fish		Total N fish
	Without PIT tags	With PIT tags	
Collection agency			
AZGFD & AZFWCO	5	45	50
BR	11	69	80
M&A	3	12	15
NDOW and NPS	3	59	62
Total	22	185	207
Sex			
Female	17	122	139
Male	5	58	63
Unknown	0	5	5



Summary of RASU Collected in LCR MSCP Reach 2 During March Roundup by Sex and Collection History, 2019



Sex	N with collection history			Total N
	Wild adult	Repatriate	Unknown	
Female	0	113	5	118
Male	1	54	3	58
Unknown	0	5	0	5
Total	1	172	8	181



Current Repatriated RASU Population Estimate in LCR MSCP Reach 2, 2018-2019



N^*	994
95% Confidence Interval (CI)	
Lower	Upper
1,118	7,227

Repatriated Razorback Sucker

Population Estimate in LCR MSCP Reach 2, 2012-2019



Year		N*	95% CI	
Stocking	Collection		Lower	Upper
2018	2019	994	1,118	7,227
2017	2018	841	694	4,487
2016	2017	1,291	531	3,436
2015	2016	1,707	603	3,897
2014	2015	2,230	922	5,963
2013	2014	2,525	1,180	5,741
2012	2013	1,854	941	3,782
2011	2012	2,577	1,139	6,284



Acknowledgements



NFWG / LCR MSCP field crews at AZFWCO, AZGFD, BR, M&A, NPS, NDOW, and volunteers

Hatchery crews

- **Achii Hanyo FH**
- **Bubbling Ponds FH**
- **NDOW Overton Management Area**
- **SW Native Aquatic Resources & Recovery Center**
- **Lake Mead FH**
- **Willow Beach NFH**



Marsh Education

