

Summary data of smallmouth bass and channel catfish from the Yampa river, 2003

Table 1---Dates of each sampling occasion and number of smallmouth bass and channel catfish captured on the Yampa River, 2003.

No gamefish were tagged on Occasion 1. Numbers include recapture events.

Occasion	Dates	Bass	Catfish
1	4/23/03--5/1/03	0	0
2	5/10/03--5/22/03	171	59
3	5/27/03--6/8/03	350	90
4	6/5/03--6/6/03	382	9
5	6/12/06--6/26/03	213	76
6	6/29/03--7/3/03	566	38
Total		1682	372

Table 2---Number of smallmouth bass and channel catfish captured by each gear on the Yampa River, 2003.

Numbers include recapture events

	bass	catfish
Boat Electrofishing	1675	345
Block & Shock	3	23
Fyke Net	4	4
Total	1682	372

Table 3---Percent of smallmouth bass that stayed or moved out of the study site where they were originally captured.

	Length of site (miles)	Percentage that	
		Stayed	Left
Treatment-1	3	50%	50%
Treatment-2	3	46%	54%
Control-1	3	55%	45%
Control-2	3	45%	55%
Treatments Combined	6	64%	36%
Control Combined	6	73%	27%
All Sites Combined	12	91%	9%

Table 4---Capture density of smallmouth bass and channel catfish per mile in the Yampa river, 2003.

No gamefish were tagged on Occasion 1. Numbers include recapture events.

	Sampling Occasion					
	1	2	3	4	5	6
Smallmouth bass						
Treatment Reach (6-miles)	0	13	19	19	16	34
Control Reach (6-miles)	0	16	36	43	19	57
Both Reaches Combined (12 miles)	0	14	27	31	17	46
Channel catfish						
Riverwide (70 miles)	0	0.8	1.4	2.5	0.5	

Table 5--Number of marked and unmarked smallmouth bass captured on each sampling occasion in the Yampa River, 2003.

	Sampling Occasion					Total
	1	2	3	4	5	
Both Reaches combined						
Marked	0	11	41	44	72	168
Unmarked	170	318	332	164	474	1458
Total	170	329	373	208	546	1626

Table 6--Number of marked and unmarked channel catfish captured on each sampling occasion riverwide in the Yampa River, 2003.

No gamefish were tagged on Occasion 1. Numbers include recapture events.

	Sampling Occasion					Total
	1	2	3	4	5	
Marked	0	0	1	4	3	8
Unmarked	0	59	98	172	35	364
Total	0	59	99	176	38	372

Table 7---Length Frequency of smallmouth bass captured in the Yampa River, 2003.
This does not include lengths of recaptured fish.

Treatment Reach (6-miles)

TL	Sampling Occasion					Total
	1	2	3	4	5	
0-49						
50-99				2	2	4
100-149	1		3	10	28	42
150-199	3	18	30	19	58	128
200-249	13	18	28	18	28	105
250-299	17	37	13	16	32	115
300-349	18	16	11	7	29	81
350-399	16	11	12	4	7	50
400-449	9	13	1	1	1	25
450-499			1	1	1	3
500-549						
Total	77	113	99	78	186	553

Control Reach (6-miles)

TL	Sampling Occasion					Total
	1	2	3	4	5	
0-49						
50-99					5	5
100-149	1	9	29	9	58	106
150-199	7	55	94	33	122	311
200-249	8	38	55	12	27	140
250-299	19	41	22	4	46	132
300-349	31	26	18	21	18	114
350-399	18	21	11	5	8	63
400-449	9	15	2	2	3	31
450-499			1			1
500-549						
Total	93	205	232	86	287	903

**Table 8---Length Frequency of channel catfish captured in the Yampa River, 2003.
This does not include lengths of recaptured fish.**

Catfish captured on occasion 2.5 are included in occasion 2.

TL	Sampling Occasion				Total
	1	2	3	4	
200-249					
250-299		2	7		9
300-349		8	28		36
350-399	5	11	32		48
400-449	8	12	19	1	40
450-499	14	23	33	9	79
500-549	13	22	33	13	81
550-599	13	15	17	14	59
600-649	5	6	5	1	17
650-700	1		2		3
Grand Total	59	99	176	38	372

Table 9---Length Frequency of channel catfish by Reach in the Yampa River, 2003.

TL	Reach			Total
	JUNIPER	MAYBELL	LILY	
200-249				
250-299			9	9
300-349			36	36
350-399		10	38	48
400-449	7	26	7	40
450-499	30	46	3	79
500-549	38	40	3	81
550-599	39	20		59
600-649	5	11	1	17
650-700	2	1		3
Grand Total	121	154	97	372