

S3 Appendix

Tables summarizing the final detection locations and juvenile PIT-tag locations of all Snake River study fish.

Table S1. Final detection sites for RDST-tagged spring Chinook salmon, their fin clip status, and whether they were or were not of known origin based on juvenile PIT tags.

Year	Final detection site	Total	Fin-clipped		Known origin	
		<i>n</i>	Yes	No	Yes	No
2000	Clearwater River	5	5	-	2	3
	North Fork Clearwater River	4	4	-	-	4
	Dworshak NFH	4	4	-	1	3
	Kooskia NFH	1	1	-	-	1
	South Fork Clearwater River	3	2	1	2	1
	Lochsa River	7	7	-	1	6
	Grande Ronde River	1	-	1	1	-
	Salmon River					
	Rapid River	8	8	-	1	7
	South Fork Salmon River	18	17	1	1	17
	Middle Fork Salmon River	2	-	2	2	-
	Pahsimeroi FH	1	1	-	-	1
	Sawtooth FH	1	-	1	1	-
	Innaha River	4	2	2	2	2
	Hells Canyon Dam	4	4	-	3	1
2002	Clearwater River	4	3	1	3	1
	North Fork Clearwater River	2	2	-	-	2
	Dworshak NFH					
	Clear Creek	1	1	-	-	1
	Kooskia NFH	3	3	-	2	1
	South Fork Clearwater River	1	-	1	1	-
	Lolo Creek	2	-	2	2	1
	Lochsa River	3	-	3	3	-
	Grande Ronde River	6	1	5	5	1
	Lookingglass H	3	2	1	3	1
	Lostine River	1	1	-	1	1
	Wallowa River	1	-	1	1	-
	Salmon River	5	2	3	4	1
	Rapid River	6	6	-	2	4
	South Fork Salmon River	14	8	6	6	8
	Middle Fork Salmon River	8	-	8	8	1
	Lemhi River	1	-	1	1	-
	Pahsimeroi FH					
	Sawtooth FH	2	-	2	2	1
	Innaha River	1	-	1	1	-
Hells Canyon Dam						
Lower Granite Dam	6	2	4	4	2	
Hydrosystem	11	2	9	11	-	
Total	All sites	144	88	56	77	67

Table S2. Final detection sites for RDST-tagged summer Chinook salmon, their fin clip status, and whether they were or were not of known origin based on juvenile PIT tags.

Year	Final detection site	Total <i>n</i>	Fin-clipped		Known origin	
			Yes	No	Yes	No
2000	Clearwater River	1	1	-	-	1
	Grande Ronde River	1	1	-	-	1
	Salmon River					
	South Fork Salmon River	6	6	-	-	6
	Pahsimeroi FH	2	2	-	-	2
	Imnaha River	2	2	-	-	2
	Lower Granite Dam	1	1	-	1	-
2002	Grande Ronde River	2	1	1	2	-
	Lostine River	4	3	1	4	-
	Imnaha River	1	-	1	1	-
	Salmon River					
	South Fork Salmon River	7	4	3	5	2
	Pahsimeroi FH	1	-	1	1	-
	Lower Granite Dam	9	3	6	7	2
	Hydrosystem	3	1	2	3	-
Total	All sites	40	25	15	24	16

Table S3. Final detection sites for RDST-tagged fall Chinook salmon, their fin clip status, and whether they were or were not of known origin based on juvenile PIT tags.

Year	Final detection site	Total <i>n</i>	Fin-clipped		Known origin	
			Yes	No	Yes	No
2000	Clearwater River	3	3	-	1	2
	Snake River above L. Granite Dam	3	3	-	-	3
	Lower Granite Dam	2	2	-	-	2
2002	Clearwater River	9	-	9	8	1
	Snake River above L. Granite Dam	3	-	3	2	1
	Lower Granite Dam	1	1	-	-	1
	Hydrosystem	7	-	7	7	-
Total	All sites	28	9	19	18	10

Table S4. Final detection sites for RDST-tagged steelhead, their fin clip status, and whether they were or were not of known origin based on juvenile PIT tags.

Year	Final detection site	Total <i>n</i>	Fin-clipped		Known origin	
			Yes	No	Yes	No
2000	Clearwater River	10	9	1	1	9
	North Fork Clearwater River	1	1	-	-	1
	Dworshak NFH	5	5	-	-	5
	Kooskia NFH	1	1	-	-	1
	South Fork Clearwater River	2	2	-	-	2
	Grande Ronde River	1	1	-	-	1
	Salmon River	11	11	-	1	10
	Little Salmon River	2	2	-	-	2
	Pahsimeroi FH	2	2	-	-	2
	Snake River above L. Granite Dam	3	3	-	-	3
	Lower Granite reservoir	2	2	-	-	2
	Hells Canyon Dam	1	1	-	-	1
	Oxbow FH	1	1	-	-	1
	Lower Granite Dam	4	4	-	-	4
2002	Clearwater River	5	-	5	5	-
	South Fork Clearwater River	4	-	4	4	-
	Lochsa River	9	-	9	9	-
	Grande Ronde River	4	2	2	4	-
	Catherine Creek	1	-	1	1	-
	Imnaha River	2	-	2	2	-
	Salmon River	25	2	23	25	-
	Little Salmon River	1	1	-	-	1
	South Fork Salmon River	3	-	3	3	-
	Snake River above L. Granite Dam	13	1	12	13	-
	Lower Granite reservoir	1	-	1	1	-
	Lower Granite Dam	61	9	52	59	2
	Hydrosystem	25	6	19	25	-
Total	All sites	200	66	134	153	47

Table S5. Locations where RDST-tagged Chinook salmon and steelhead were PIT-tagged as juveniles, including tagging codes and site descriptions as archived in PTAGIS.

Juvenile PIT tag site	Spring Chinook	Summer Chinook	Fall Chinook	Steelhead
No juvenile PIT tag	67	18	10	47
Lower Granite Dam				
LGRRBR: Barge transportation	12	1		5
LGRRRR: Return to river	29	9	1	109
Snake River				
SNAKER: Snake River			6	
SNKTRP: Snake Trap	2	1		2
Clearwater River				
BARGAC: Bargamin Creek				2
BCCAP: Big Canyon Creek Acclimation Facility			1	
CLEARC: Clear Creek	2			2
CLWR: Clearwater River			10	
CLWRSF: South Fork Clearwater River				1
DWORMS: Dworshak NFH				2
FISTRP: Fish Creek Trap				9
KOOS: Kooskia NFH	1			
LOLOC: Lolo Creek	1			
MEADOC: Meadow Creek	2			
NEWSOC: Newsome Creek				1
POWP: Powell Rearing Pond	1			
REDR: Red River				1
REDTRP: Red River Trap	2			1
Grande Ronde River				
CATHEC: Catherine Creek				1
COTP: Cottonwood Acclimation Pond				1
GRAND2: Grande Ronde River	1			
GRANDP: Grande Ronde River Pond	1			
GRANDR: Grande Ronde River	4			6
LOOKGC: Looking Glass Creek	2			
LOSTIP: Lostine River Pond	1	4		
LOSTIR: Lostine River		1		1
MINAMR: Minam River	1			
Imnaha River				
IMNAHW: Imnaha River Weir	1			
IMNTRP: Imnaha River Trap	2			2
LSHEEF: Little Sheep Facility				1
Salmon River				
CHAMBC: Chamberlain Creek				2
ELKC: Elk Creek		1		
HERDC: Herd Creek				1
HORSEC: Horse Creek				1
KNOXB: Knox Bridge, South Fork Salmon River		1		
LAKEC: Lake Creek				1
LEMHIW: Lemhi River Weir	1			
MARTRP: March Creek Trap	4			
PAHTRP: Pahsimeroi Trap		2		
SALTRP: Salmon River Trap	4	2		
SAWT: Sawtooth Hatchery				1
SAWTRP: Sawtooth Trap	2			
YANKWF: West Fork Yankee Fork Salmon River	1			