DWORSHAK NATIONAL FISH HATCHERY STEELHEAD BROODSTOCK RAW SPAWNING DATA – 1975

by

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Following are the Dworshak National Fish Hatchery raw spawning data for steelhead broodstock recorded by hatchery personnel in 1975, specifically from 3/3/1975 to 6/9/1975. Included are the original hatchery data forms (ADULT RECORD, 37 pages) as well as any handwritten summary notes (6 pages, the only surviving records of marked fish). All information was stored by Dr. Ted Bjornn (University of Idaho, deceased) and transferred from Dr. Christine Moffitt (University of Idaho) to IDFG in 2012. The paper sheets were then digitally scanned and are in their original form. The original paper sheets are archived at Nampa Research Anadromous Ageing Laboratory (NRAAL) located in Nampa, Idaho.

Interpretation by this author and others of various terms and notes on the paper sheets are as follows:

- "SC" (e.g. pg. 2) or "Scale" (e.g. pg. 9) or "S" (e.g. pg. 34) followed by two numbers – the scale sample collected where the first number refers to the gum card itself and the second number refers to the location on the gum card where the scale sample was placed. Each gum card has 20 squares numbered sequentially. Acetate impressions were made of each gum card for ageing. Nampa Research has archived the original gum cards and the acetate impressions; digital images have been made of both.
- "T" (e.g. pg. 9) followed by two numbers – believed to be additional "Test" scale samples. Associated column "FWE" is freshwater edge, "R" is regenerate, "NS" is no scale, etc. None of these samples remain.
- "Bone" (e.g. pg. 5) followed by a number, or "BONE" column (e.g. pg. 39) – the bone sample collected for tetracycline mark examination, boney structure used is unknown. The 1975 Dworshak NFH Annual Report indicates that both bone and otolith samples were collected concurrently with scale samples. None of the former samples remain.
- "Marked" (e.g. pp. 39-44) and "Unmarked" (e.g. pp. 2-38) – this is the fourth year that the data sheets were organized and fish were sequentially numbered accordingly. "Marked" fish codes include "Ad" for adipose fin clip (e.g. pg. 39) and a number of different freeze brands or fin clips indicating smolt release strategies. See *Hatchery Evaluation – Fish Marking* sections of previous Dworshak NFH Annual Reports for a complete listing of all marks potentially encountered.

The meaning or purpose of notes, abbreviations, or numbers that are not defined above were not determined during the review of these data.

UNMARKED

8 POND MORT

all ♂

Dworshak National Fish Hatchery

Adult Record

Date 3 MAR 75

✓ by Sex (M or F) indicates good, non-eroded Dorsal fin

Number	Sex	Fork Length Inches	Weight	FWE	Remarks
10MAR	F 31.5 · F 32.0 · F 31.4 · F 32.2 · F 29.4 · F 36.4 · F 35.9 · F 32.0 · F 30.4				
10	M 40	40.6 · ✓	21.9	61	SC 1-1
20					
30					
40					
50					
60					

Dworshak National Fish Hatchery

Adult Record

Date 3-17-75

Number	Sex	Fork Length Inches	Weight	FWE	Remarks
11	F 35.2, F 29.8, F 31.0, F 33.0				
15	~~F~~	32.5	8.6	R	Sc 1-2
3/24	F 32.8, F 28.8, F 37.3, F 33.0				
20	~~30.8~~ F	30.8	8.3	46	Sc 1-3
	F 34.3, F 31.4, F 32.8, F 33.8				
25	F	32.0		44	Sc 1-4
	F 30.6, F LV? 33.1, F 30.9, F 32.9				
30	F	30.6	7.4	E	Sc 1-5
3-31-75	F 31.0, F 35.5, F Sc 1-6 37.0, F 31.1				
35	F 3-31	24.8	4.2	R	Sc 1-6
	M 3-28 37.8, F 3-31 31.0, F 31.5, F 31.1				14 34
40	F	31.3	9.2	60	Sc 1-7

Dworshak National Fish Hatchery

Adult Record

Date 3-31

Number	Sex	Fork Length Inches	Weight		Remarks
	F 31.2 ~~F 34.2~~ F 32.5 M 32.3				
45	M	25.7	5.6	R	SC 1-8
	F 30.6 F 32.7 M 26.4 → F 33.2			45	SC 1-9
50	F	31.1	7.9	R	SC-1-10
	F 29.5 F 35.5 M 35.2 F 31.8				
55	F	~~32.3~~ 29.5	~~9~~ 7.6	49	Sc 1-11
	F 32.5 F 37.3 F 30.2 F 33.8				
60	F	33.7	12.6	38	Sc1-12
	F 34.5 M 41.3 F 32.1 F 30.6	26.4 up	SC-13	58	→ SC-13
65	F	33.6	10.9	R	Sc1-14
	F 32.8 F 33.8 F 31.6 F 35.0				
70	F	36.1	13.8	R	Sc 1-15

Dworshak National Fish Hatchery

Adult Record

Date 31 MARCH 75

Number	Sex	Fork Length Inches	Weight		Remarks
	M 33.6 M 36.3 M 34.7 F 31.8				
75	F	31.6	9.1	R	1-16
18.5	F 34.0 F 28.4 M 43.3 23.4 lb M 37.2				
80	M 30.6	37.0	16.5	42	1-17
4-7-75	F 31.8 F 30.6 F 31.7 F 30.3				
85	F	32.7	16.6	R	1-18 (bone 86) (F-27)
86 87	F 31.0 F 32.6 F 32.2 F 32.0				
90	F	33.3	10.4	52	1-19 - bone 87 (F-28)
	F 33.0 F 33.1 F 32.2 F 34.1				
95	F	37.5	15.1	R	1-20 - bone 88 (F-29)
	F 32.0 F 31.8 F 31.0 F 33.9				
100	F	32.0	9.4		2-1 - bone 89 (F-30)

Dworshak National Fish Hatchery

Adult Record

Date 7 APRIL 75

Number	Sex	Fork Length Inches	Weight		Remarks
	F 34.2, F 35.2, F 33.4, F 31.0				
105 ~~Ø~~	F	31.3	9.0		2-2 - bone 90 (F-31)
	F 33.3, F 34.8, F 30.2, F 32.5				
110 ~~Ø~~	F	34.0	10.4		2-3 - bone - 91 (F-32)
14 Apr.	F 29.2, ~~M 35.5~~, ~~M 36.3~~, F 32.3				unsexed(?)
115 ~~Ø~~	F	32.4	9.8		2-4 bone = 115
	F 35.1, F 33.0, F 33.2, F 31.8				
120 ~~Ø~~	F	31.3	8.8		2-5 bone = 120
	F 32.2, F 32.0, F 32.2, F 33.5				
125 ~~Ø~~	F	34.8	11.1		2-6 bone = 125
	F 32.3, F 32.1, F 34.8, F 28.0				
130 ~~Ø~~	F	32.0	8.5		2-7 bone - 130

Dworshak National Fish Hatchery

Adult Record

Date 4-14-75

Number	Sex	Fork Length Inches	Weight		Remarks
	F 31.3 / F 36.7 / F 37.3 / F 32.0				
135	F	32.2	10.0		2-8 bone 135
	F 30.0 / F 32.8 / F 33.9 / F 31.3				
140	F	23.8	3.8		2-9 bone 140
	F 32.0 / F 31.2 / M ~~33.1~~ / M ~~34.2~~				
145	M	~~29.1~~	8.8		2-10 bone 145
w=222 ← 146-otol.	M ~~39.7~~ / M ~~34.9~~ / M ~~36.1~~ / F 33.7				
150	F	30.8	–		2-11 bone 150
	F 35.0 / F 32.2 / ~~[illegible]~~ / F 34.8				
155	F	34.3	10.8		2-12 bone 155
	F 32.3 / F 34.9 / F 33.2 / F 38.2				
160	F	32.3	9.6		2-13 bone 160

Dworshak National Fish Hatchery

Adult Record

Date 4-14-75

Number	Sex	Fork Length Inches	Weight		Remarks
	F 31.8 / F 32.7 / F 31.9 / M ~~32.3~~				
165	F	33.8	11.5		2-14 bone 165
	F 29.8 / F 34.0 / F 34.6 / F 34.0				
170	F	37.2	16.2		2-15 bone 170
	F 33.6 / F 33.1 / F 33.0 / F 27.8				
175	F	32.8	9.6		2-16 bone-175
	F 30.9 / F 32.5 / F 33.0 / F 35.8				
180	F	32.9	9.2		2-17 bone-180
	F 28.1 / F 34.5 / M ~~37.3~~				
185	M	~~37.3~~	17.1		2-18 bone 185
	M ~~28.7~~ / M ~~35.2~~ / M ~~35.5~~ / M ~~35.3~~				
190	M	~~25.3~~	5.6		2-19

Dworshak National Fish Hatchery

Adult Record

1/6	2/7	3/8
4/9		

Date 4-14-95

Number	Sex	Fork Length Inches	Weight	FWE	Remarks
4-14	M 39.4 / F [redacted] / F	#192 32.0	9.6	R	Scale T1-1
4-21	F	193 32.2	9.4	?	T1-2
		194 38.8	17.7	54 51	T1-3
195	F	31.9	8.8		Scale 2-20
	F F F	196 31.2	8.5	R	T1-4
	F	197 29.7	7.1	R	T1-5
		198 31.0	8.8	R	T1-6
		199 31.7	8.3	R	T1-7
200	F	35.3	11.5		Scale 3-1
	F F F	201 31.5	8.8	R	T1-8 Bloody egg
	F	202 31.8	8.2	NS	T1-9
		203 31.9	8.4	R	T1-10
		204 34.6	10.8	R	T1-11
205	F	39.5	18.5		Scale 3-2
	M M M	206 ~~27.2~~	6.8		~~T1-12~~ SC-3-3
	M	207 ~~39.2~~	19.5		~~T1-13~~
		208 ~~40.6~~	24.5		~~T1-14~~
		209 ~~[illegible]~~ 34.1	12.2		~~T1-15~~
210	M	~~33.5~~	11.9		Scale ~~3-3~~ 3-4
	M M M	211 ~~32.8~~			
	M	212 ~~27.0~~	6.7		SC-3-5
		213 ~~31.8~~			
		214 ~~34.0~~			
215	M	~~35.1~~	13.9		3-6
	M M M	216 ~~37.0~~			
	M	217 ~~24.9~~			SC-3-7
		218 ~~26.0~~	6.0		SC-3-8
		219 ~~25.3~~	5.4		[redacted] SC-3-9
220	F	34.1	11.2	R	~~SC-3-10~~ on card T-12

Dworshak National Fish Hatchery

Adult Record

Date 4/21/75

Number	Sex	Fork Length Inches	Weight	FWE	Remarks
	F M M M 	221 33.3 222 ~~40.0~~ 223 ~~37.2~~ 224 ~~35.5~~	9.8	NS	~~[illegible]~~ T-13
[illegible]	225 M	~~27.7~~	6.4		SC-3-11
	M M M M 	226 ~~28.1~~ 227 ~~40.6~~ 228 ~~35.0~~ 229 ~~35.2~~	22.7		
[illegible]	230 M	~~27.2~~	6.3		SC-3-12
	M M M ~~M~~ 	231 ~~40.9~~ 232 ~~35.8~~ 233 ~~32.0~~ 234 31.0 [redacted]	22.6		
[illegible]	235 M	~~27.0~~	5.6		SC-3-13
	F M F F 	236 34.3 237 ~~25.3~~ 238 30.8 239 31.7	 4.3 7.7 9.1	 End R	 SC-3-10 SC-T-14 SC-T-15
[illegible]	1 F	25.6	5.0		~~[redacted]~~ Test Fish [redacted] 51 SC-[redacted] 3-14
	F F F F 	241 32.8 242 28.9 243 33.7 244 37.0	9.8 7.4 10.2 13.8	R NS R R	SC-T-16 SC-T-17 SC-T-18 SC-T-19
[illegible]	F	33.2	9.8		SC-3-15 Test 45
	F F F F 	246 33.2 247 25.4 248 33.2 249 34.3	11.0 4.5 9.7 11.4	R R 6? R	T-20 T-[redacted] T-21 T-22 T-23
[illegible]	F	30.6	7.6		SC-3-16

Dworshak National Fish Hatchery

Adult Record

Date 4/21/75

Number	Sex			Fork Length Inches		Weight		Remarks
	F	F	F	251	31.6	7.8	R	T-24
	F			252	32.0	10.3	R	T-25
				253	35.0	12.8	30 ?or 39	T-26
				254	31.0	8.4	R	T-27
255 ~~130~~	F				30.0	8.6		[redacted] SC 41 control CR 101
	F	F	F	256	33.7	10.6	R	T-28 Both otiliths Bad
	F			257	38.2	15.8	R	[redacted] T2-9
				258	38.3	16.6	R	[redacted] T2-10
				259	32.3	8.9	53	[redacted] T2-11
260 ~~130~~	F				32.0	9.4		SC 4-2
	F	F	F	261	29.8	7.5	51?	T-42 2-12
	F			262	34.0	11.7	54	T-[illegible] 2-13
				263	32.3	8.6	R	T-2-14
				264	29.0	6.8	R	T-2-15
265 ~~130~~	F				36.9	14.1		SC-4-3
	F	F	F	266	30.5	8.2	R	T-2-16
				267	31.5	8.5	R	T-2-17
	F			268	32.7	9.8	43	T-2-18
				269	31.0	8.5	R	T2-19
270 ~~130~~	F				32.2	8.3		SC ~~4-2~~ 4-4
	M	M	M	271	~~34.6~~	13.9		[redacted]
				272	~~38.5~~			
	M			273	~~33.7~~			
				274	~~28.6~~			
275 ~~130~~	F				30.8	9.1		SC 4-5
	F	F	F	276	31.8	9.2	R	[redacted] T2-20
	F			277	33.0	11.4	R	T 3-1
				278	33.0	9.2	R	T3-2
				279	32.2	9.6	R	T-3-3
280 ~~130~~	F				37.6	16.0		SC 4-6

Dworshak National Fish Hatchery

Adult Record

Date 4/21/75

Number	Sex			Fork Length Inches		Weight		Remarks
	F	F	F	281	33.2	10.5	R	T3-4
	F			282	25.8	5.0	E	T3-5
				283	32.0	8.2	R	T3-6
				284	31.8	8.2	R	T3-7
	M			~~24.5~~		4.6	55	SC 4-7
	F	F	F	286	34.0	11.3	56	T3-8
	F			287	41.8	20.5	50	T3-9
				288	32.2	9.3	49	T3-10
				289	33.6	9.4	R	T3-11
	F				31.8	8.4	63	SC 4-8
	F	F	F	291	35.0	11.7	62	T3-12
				292	33.7	11.2	R	T3-13
	F			293	33.2	9.8	R	T3-14
				294	33.1	11.7	R	T3-15
	F				32.0	8.6		SC-4-9
	F	F	F	296	30.6	7.2	R	T3-16
				297	33.2	11.9	R	T3-17
	F			298	38.3	16.0	R	T3-18
				299	35.2	12.2	R	T3-19
300	F				29.3	6.8	R	T3-20
	F	F	F	301	35.0	11.7	R	T4-1
				302	33.4	9.6	R	T4-2
	F			303	31.5	9.1	R	T4-3
				304	33	10.5	69	T4-4
305	F				33.2	10.5		SC-4-10
	F	F	F		34.3	11.3	R	T4-5
					26	5.2	R	T4-6
	F				30.5	7.6	49	T4-7
					32.5	9.6	R	T4-8
310	F				31.5	8.5		SC-4-11

Dworshak National Fish Hatchery

Adult Record

Date 4-21-75

Number	Sex	Fork Length Inches	Weight		Remarks
	F F F	34.7	10.9	57/60	T4 - 9
	F	33.2	9.9	R	T4 - 10
		31.8	9.2	R	T4 - 11
		32.5	8.9	R	T4 - 12
315	F	32.5	9.3		Sc 4 - 12
	M M M	~~25.2~~	5.6		Sc - 4 - 13
	M	~~26.2~~	6.1		~~T4 - 13~~ Sc 4-14
		~~27.3~~	6.3		Sc 4 - 15
		~~25.2~~	4.9		Sc 4 - 16
320	M	~~25~~	5.7		Sc 4 - 17
	M M M	~~24.7~~	5.2		Sc 4 - 18
	M	~~24.9~~	4.8		Sc 4 - 19
		~~31.4~~	10.7		~~Sc 4 - 20~~
		~~38.5~~	20.5		
325	M	~~38.3~~	19.7		Sc 4 - 20
	M M M	~~40.2~~	22.5		
	M	~~32.5~~	12.7		
		~~33.8~~	12.1		
		~~40.0~~	21.6		
330	M	~~33~~	11		Sc 5 - 1
	M M M	~~39.6~~	22.2		
	M	~~34.5~~	15.3		
		~~40.6~~	23.1		
		~~40~~	22.5		
335	M	~~28.2~~	7.1		Sc 5 - 2
	M M M	~~34.6~~	13.8		
	M	~~25.6~~	6		Sc 5 - 3
		~~24.9~~	5.2		Sc 5 - 4
		~~26.2~~	6.1		Sc 5 - 5
340	M	~~26.1~~	5.7		Sc 5 - 6

Dworshak National Fish Hatchery

Adult Record

Date 4-22-75

Number	Sex	Fork Length Inches	Weight		Remarks
341	M	~~27.1~~	7.7		SC 5-7
342	M	~~37.1~~	17.3		
343		~~32.3~~	11.5		
344		~~35.7~~	15.8		
345 0	M	~~26.8~~	5.8		SC 5-8
	M	~~27.2~~	6.9		SC 5-9
	M	~~25.1~~	5.4		SC 5-10
		~~25.7~~	5.7		SC 5-11
		~~26.1~~	6.1		SC 5-12
350 0	M	~~25.8~~	6.1		SC 5-13
	M	~~25.9~~	6		SC 5-14
4-28	F	21.5	3.5		SC 5-15
		32.4	9.9		
		34.8	12.9		
355 0	F	32.0	9.5		SC 5-16
	F	32.1	9.7		
	F	33.5	11.4		
		33.0	10.0		
		31.4	9.5		
360 0	F	31.2	8.3		SC 5-17
	F	38.3	15.4		
	F	33.6	10.2		
		30.8	8.2		
		32.6	9.6		
365 0	F	32.3	9.7		no scales SC 5-18
	F	~~35.0~~	10.0		
	F	25.1	4.7		SC-5-19
		31.4	8.7		
		34.6	11.3		
370 0	F	31.0	7.9		SC-5-20

Dworshak National Fish Hatchery

Adult Record

Date 4-28-75

Number	Sex	Fork Length Inches	Weight		Remarks
	F F F	31.1	7.9		
	F	32.2	9.0		
		31.5	9.0		
		37.4	14.6		
375 ♀	F	32.6	10.0		SC 6-1 no otiliths
	F F F	33.0	10.5		
	F	36.8	14.4		
		33.6	9.0		
		28.0	6.6		
380 ♀	F	31.6	7.9		SC 6-2
	F F F	26.5	5.0		SC 6-3
		36.7	14.0		
	F	33.9	10.2		
		32.6	9.2		
385 ♀	F	33.0	10.4		SC 6-4
	F F F	32.6	10.5		
	M	33.0	9.5		
		33.4	10.2		
		41.1	18.9		
390 ♀	F	32.2	9.7		SC 6-5
	F F F	31.7	9.2		
	F	31.6	8.8		SC 6-6
		25.5	4.9		
		32.8	9.8		
395 ♀	F	34.2	12.5		SC 6-7
	F F F	30.4	7.2		
	F	25.8	5.1		SC 6-8 one otilith
		33.5	10.9		
		32.5	9.6		
400 ♀	F	33.2	10.2		SC 6-9

Dworshak National Fish Hatchery

Adult Record

Date 4/28/75

Number	Sex	Fork Length Inches	Weight		Remarks
	M M F	~~31.6~~	10.1		
	F	~~32.6~~	10.2		
		33.0	10.5		
		32.7	9.4		
405	F	33.2	10.4		SC 6-10
	F F F	30.9	7.7		
	F	30.6	7.7		
		32.1	9.4		
		31.1	8.3		
410	F	32.1	8.6		SC - 6-11 (1 ovi.k)
	F F M	34.0	10.9		
	M	31.6	8.9		
		~~40.2~~	20.6		
		~~35.1~~	13.9		
415	M	~~33.07~~	12.7		SC 6-12
	M F F	~~41.9~~	22.9		
	F	31.7	8.3		
		33.9	10.3		
		33.6	10.6		
420	F	30.7	8.0		SC 6-13
	F F F	31.8	7.6		
	M	32.3	8.9		
		30.6	7.9		
		~~37.3~~	16.2		
425	F	26.5	5.1		SC 6-14
	F M F	32.3	9.9		
	F	~~33.0~~	11.0		
		31.5	8.7		
		32.0	10.2		
430	F	34.4	11.5		SC 6-15

Dworshak National Fish Hatchery

Adult Record

Date 4/28/75

Number	Sex	Fork Length Inches	Weight		Remarks
	F F F	30.1	7.7		
	M	29.6	7.0		
		35.0	11.1		
		~~34.2~~	14.4		
435	M	~~27.5~~	6.2		SC 6-16
	M M M	~~25.1~~	5.2		SC 6-17
	M	~~36.3~~	15.1		
		~~37.2~~	16.9		
		~~33.0~~	12.5		
440	M	~~36.0~~	14.9		SC 6-18
	F F F	33.5	10.0		
	F	31.2	7.9		
		29.8	8.2		
		34.7	12.2		
445	F	29.6	7.6		SC 6-19
	M M M	~~42.2~~	23.5		SC 6-20
	F	~~26.5~~	6.8		
		~~30.5~~	9.7		
		33.5	10.2		
450	F	29.2	7.2		SC 7-1
	F F M	32.9	10.2		
		34.4	12.5		
	F	~~27.1~~	7.0		SC 7-2
		31.0	9.4		
455	F	36.3	13.7		SC 7-3
	F F F	30.5	8.4		
	F	39.9	17.2		
		31.9	10.1		
		33.3	11.1		
460	M	~~25.7~~	5.8		SC 7-4 No otolith

Dworshak National Fish Hatchery

Adult Record

Date 4-28-75

Number	Sex			Fork Length Inches	Weight		Remarks
	F	F	F	36.5	14.3		
	F			33.3	9.3		
				30.9	8.1		
				31.9	10.1		
465	M			~~24.0~~	5.1		SC 7.5
	F	F	F	35.5	13.9		
	M			32.7	9.5		
				30.2	7.4		
				~~37.0~~	16.0		
470	M			~~26.4~~	6.3		SC 7.6
	F	F	M	33.5	9.3		
	M			30.5	8.9		
				~~35.2~~	~~6.1~~ 14.8		
				~~32.0~~	10.9		
475	M			~~25.9~~	6.1		SC 7.7
	M	M	M	~~31.1~~	9.7		
	M			~~30.0~~	9.7		
				~~31.0~~	7.8		
				~~25.3~~	5.4		SC 7-8
480	M			~~25.8~~	5.5		SC 7-9
	M	M	M	~~23.3~~	4.2		SC 7-10
				~~29.7~~	5.2		SC 7-11
	M			~~26.0~~	5.6		SC 7-12
				~~38.8~~	20.3		
485	M			~~25.0~~	5.1		SC 7-13
	M	M	M	~~35.0~~	16.3		
	M			~~34.2~~	13.6		
				~~38.3~~	18.0		
				~~32.5~~	12.4		
490	M			~~25.9~~	6.2		SC 7-14

Dworshak National Fish Hatchery

Adult Record

Date 4/28/75

Number	Sex			Fork Length Inches	Weight		Remarks
	M	M	M	~~36.3~~	16.4		
	M			~~34.3~~	11.8		
				~~25.2~~	5.5		SC 7-15
				~~26.6~~	6.2		SC 7-16
495	M			~~25.1~~	5.3		SC 7-17
	M	M	F	~~38.9~~	20.9		
	M			~~34.0~~	12.8		
				30.1	8.1		
				~~40.3~~	23.0		
500	F			30.5	8.4		SC 7-18
	M	F	M	~~39.5~~	23.1		
	F			35.0	12.6		
				~~38.9~~	19.3		
				24.0	3.7		SC 7-19
505	F			34.9	13.4		SC 7-20
	F	M	M	32.0	10.3		
	M			~~34.2~~	13.2		
				~~36.5~~	15.0		
				~~41.0~~	23.1		
510	M			~~25.7~~	6.0		SC 8-1
	M	M	F	~~38.8~~	21.0		
	F			~~33.9~~	13.1		
				30.7	8.6		
				37.4	14.1		
515	M			~~25.0~~	5.5		SC 8-2
	M	M	M	~~27.3~~	6.6		SC 8-3
5 MAY	M			~~34.5~~	15.9	Pond Mort	
				~~40.0~~	20.9		
				~~33.8~~	14.0		
520	M			~~40.2~~	26.		

Dworshak National Fish Hatchery

Adult Record

Date 5/5/75

Number	Sex	Fork Length Inches	Weight		Remarks
	M F F	~~32.7~~	11.8		Pond Mort
	F	31.5	9.5		
		25.6	4.2		SC 8-5 +
		30.7	8.0		
525	M	~~25.1~~	5.4		Pond Mort SC 8-4 +
	F F M	34.2	7.3		
	F	32.7	9.0		
		~~26.6~~	6.2		SC 8-6 +
		34.0	10.6		
530	F	28.8	7.2		SC 8-7 +
	F F F	31.3	8.5		
	M	33.5	11.1		
		30.3	7.4		
		~~25.7~~	6.1		SC 8-8 +
535	F	35.2	11.8		SC 8-9
	M F F	~~40.8~~	22.1		
	F	32.4	9.6		
		32.8	9.5		
		30.4	7.3		
540	F	33.4	10.8		SC 8-10 +
	F F F	31.0	8.3		
	F	32.0	9.0		
		32.1	9.4		
		33.3	9.4		
545	F	34.5	11.2		SC 8-11
	F M F	32.0	8.7		
	M	~~33.5~~	11.9		
		34.0	11.4		
		~~41.7~~	24.5		
550	F	33.5	10.6		SC 8-12

Dworshak National Fish Hatchery

Adult Record

Date 5/5/75

Number	Sex	Fork Length Inches	Weight		Remarks
	F F F	33.5	9.5		
	F	33.5	11.5		
		31.8	7.6		
		32.2	9.1		
555 ~~560~~	F	32.5	9.5		SC 8-13
	F M M	33.5 ~~34.0~~	10.4		
	M	~~39.0~~	20.7		
		~~39.5~~	20.0		
560		~~37.0~~	16.0		
~~565~~ ~~570~~	M	~~36.6~~	16.5		SC 8-14
	F F F	33.1	9.2		
	F	35.7	12.9		
		31.4	9.0		
		30.8	8.4		
565 ~~570~~	F	29.9	7.0		SC 8-15
	F M F	33.7	10.9		
	M	~~35.6~~	12.8		
		33.0	10.2 ~~8.9~~		
		~~40.5~~	22.2		
570 ~~575~~	M	~~40.0~~	19.3		SC 8-16
	M F M	~~34.1~~	11.5		
	M	29.0	7.5		
		~~33.0~~	11.0		
		~~38.5~~	18.5		
575 ~~580~~	M	~~20.4~~	2.7		No otolith SC 8-17
	M F F	~~31.5~~	10.1		
	F	32.0	8.5		
		33.2	10.3		
		32.7	7.2		
580 ~~585~~	F	34.0	13.2		SC 8-18

Dworshak National Fish Hatchery

Adult Record

Date 5/5/75

Number	Sex	Fork Length Inches	Weight		Remarks
	M F F	~~26.0~~	6.5		SC8-19
	F	32.8	9.4		
		34.6	11.7		
		33.0	11.1		
585 ~~590~~	M	~~25.5~~	4.1		SC8-20
	F M F	31.5	8.8		
	M	~~31.0~~	8.8		
		31.5	7.6		
		~~27.0~~	6.0		SC9-1
590 ~~595~~	F	31.7	9.3		SC9-2
	F F F	31.1	8.5		
	F	32.5	8.7		
		31.5	8.1		
		33.5	9.8		
595 ~~600~~	M	~~26.0~~	5.3		SC9-3
	F M F	33.7	10.4		
	F	~~39.8~~	18.2		
		39.0	17.0		
		35.5	13.3		
600 ~~605~~	F	31.1	8.5		SC9-4
	F F F	32.6	9.2		
	F	34.0	10.8		
		31.2	7.5		
		25.2	6.2		SC9-5
605 ~~610~~	M	~~27.1~~	6.3		SC9-6
	M F F	~~34.3~~	13.4		
	F	31.2	9.2		
		34.9	11.7		
		31.0	7.5		
610 ~~615~~	F	32.2	9.0		SC9-7

Dworshak National Fish Hatchery

Adult Record

Date 5/5/75

Number	Sex	Fork Length Inches	Weight		Remarks
	F F F	32.7	9.6		
	F	37.2	14.2		
		30.0	7.7		
		25.9	4.6		SC 9-8
615 ~~620~~	F	33.1	9.9		SC 9-9
	M F F	~~26.8~~	5.8		
	F	33.4	10.5		
		31.6	8.5		
		32.2	9.1		
620 ~~625~~	M	~~26.2~~	6		SC 9-10
	F F F	31	8.1		
	F	31.1	8.4		
		32.3	7.7		
		31.7	8.9		
625 ~~630~~	F	27.8	6.1		SC 9-11
	F F F	30.2	7.4		
	F	30.5	8.3		
		32.2	9.8		
		31.3	9.2		
630 ~~635~~	F	32.0	8.8		SC 9-12
	F F F	30.4	7.2		
	F	37.5	15.5		
		30.9	8.9		
		31.6	7.9		
635 ~~640~~	F	31.5	9.1		SC 9-13
	F M F	30.1	6.8		
	F	~~34.1~~	13		
		32.5	8.8		
		36.1	13.1		
640 ~~645~~	M	~~27.6~~	7.4		SC 9-14

Dworshak National Fish Hatchery

Adult Record

Date 5/5/75

Number	Sex	Fork Length Inches	Weight		Remarks
	F M F	32.2	10.2		
	F	~~35.8~~	15.6		
		32.3	8.8		
		37.5	14.6		
~~650~~ 645	M	~~24.2~~	4.4		SC9- 15
	F F F	29.3	6.8		
	F	29.0	7.1		
		30.7	7.7		
		32.0	9.8		
~~655~~ 650	M	~~25.7~~	5.4		SC9- 16
	F F F	34.5	12.5		
	F	33.2	10.1		
		32.1	8.8		
		31.2	7.5		
~~660~~ 655	F	22.8	3.2		SC9- 17
	M F M	~~36~~	15.9		
	M	36.1	13.4		
		~~39.8~~	21.0		
		~~38.8~~	18.1		
~~665~~ 660	M	~~26.0~~	5.6		Sc 9-18
	M M F	~~35.5~~	12.7		
	F	~~34.0~~	13.6		
		30.5	8.7		
		32.0	9.4		
~~670~~ 665	M	~~24.0~~	4.6		SC9-19
	F F F	33.2	12.0		
	M	31.0	8.1		
		29.8	7.5		
		~~34.4~~	12.7		
~~675~~ 670	M	~~28.0~~	5.7		SC9- 20

Dworshak National Fish Hatchery

Adult Record

Date 5/5/75

Number	Sex	Fork Length Inches	Weight		Remarks
	F F M	32.8	10.2		
	F	31.7	9.2		
		~~32.2~~	11.5		
		31.5	9.9		
~~680~~ 675	M	~~26.7~~	5.9		SC-10-1
	F M F	32.7	11.3		
	F	~~35.2~~	12.2		
		31.8	9.2		
		29.3	7.4		
680	F	31.8	9.2		SC 10-2
	F F F	30.5	8.1		
	F	37.7	14.8		
		32.0	10.2		
		31.0	8.4		
685	F	33.1	10.8		SC 10-3
	F F F	35.8	12.9		
	F	29.6	7.0		
		31.2	8.6		
		32.2	9.3		
690	F	32.9	9.2		SC 10-4
	F F F	33.1	9.2		
	F	30.5	7.8		
		34.7	10.7		
		31.0	8.4		
695	F	31.5	8.5		SC-10-5
	F F M	32.5	9.9		
	M	31.8	9.7		
		~~34.0~~	10.8		
		~~40.0~~	20.7		
700	F	23.6	3.9		SC 10-6

Dworshak National Fish Hatchery

Adult Record

Date 5-5-75

Number	Sex	Fork Length Inches	Weight		Remarks
	F F F	37.1	16.4		
	M	32.2	8.9		
		30.7	7.9		
		~~34.2~~	14.4		
705	F	34.3	10.8		SC10-7
	F M M	32.0	9.2		
	F	~~39.0~~	22.8		
		41.2	24.5		
		33.1	10.5		
710	M	~~25.6~~	5.1		SC10-8
	M m F	~~33.1~~	12.5		
	M	~~30.2~~	8.8		
		33.6	10.0		
		~~35.4~~	14.9		
715	M	24.7	5.3		SC10-9
	F F M	32.3	8.9		
	F	33.0	11.0		→ nose tag
		~~37.5~~	18.6		
		31.0	8.4		
720	M	~~25.9~~	6.3		SC10-10
	M F F	~~35.0~~	15.7		
	F	29.6	8.0		
		31.2	8.2		
		31.6	8.6		
725	M	~~25.8~~	5.6		SC10-11
	F M M	32.1	9.3		
12 MAY	F	~~30.0~~	8.4		
		~~26.2~~	5.2		SC10-12
		31.7	9.1		
730	F	34.0	10.3		SC10-13

Dworshak National Fish Hatchery

Adult Record

Date 5-12-75

Number	Sex	Fork Length Inches	Weight		Remarks
	F F F	36.6	13		
	F	33.5	12.1		
		30.6	7.5		
		30.3	7.2		
735	F	32.1	8.1		SC10-14 ←
	F M M	34.1	10.0		
	M	~~34.0~~	11.9		
		~~24.9~~	5.1		SC10-15
		3~~3.3~~	11.8		
740	M	~~24.1~~	5		SC 10-16 ←
	M M F	~~38.6~~	16.3		
		~~34~~	12.1		
	F	31.2	8.0		
		32.2	9.6		
745	F	34.5	11.4		SC10-17
	F F F	31.8	9.1		
	F	31.4	7.8		
		~~23.0~~ 33.2	~~11.0~~ 8.8		
		32.8	9.1		
750	F	29.7	6.1		SC 10-18
	F F F	33.5	11.1		
	F	36.6	12.8		
		33.3	10.7		
		32.0	8.0		
755	F	30.0	6.2		SC10-19
	M M M	~~36.8~~	13.9		
		~~41.3~~	22.5		
	F	~~26.9~~	5.7		SC10-20
		31.8	8.6		
760	M	~~24.8~~	4.5		SC 11-1

Dworshak National Fish Hatchery

Adult Record

Date 5-12-1975

Number	Sex	Fork Length Inches	Weight		Remarks
	F F F F	32.4 38.8 30 34.6	8.8 16.8 6.8 11.9		
765	F	32.4	9.6		SC 11-2
	F F F F	34 33.5 32.0 30.6	10.6 9.4 9.1 7.1		
770	F	32.8	10.2		SC 11-3
	F F F F	34.0 32.8 36.6 31.0	11.5 9.5 14.6 8.1		
775	F	32.4	9.3		SC 11-4
	F F F F	31.0 32.8 39 31.3	8.1 9.9 16.7 8.7		
780	F	30.1	7.9		SC 11-5
	F F M F	30.8 31.9 ~~31.8~~ 31.8	8.0 8.1 9.6 8.8		
785	F	26.2	5.1		SC 11-6
	F F M F	33.5 32.1 ~~41.5~~ 32.8	11.1 8.9 19.8 10.4		
790	F	35.3	10.6		SC 11-7

Dworshak National Fish Hatchery

Adult Record

Date 5-12-1975

Number	Sex	Fork Length Inches	Weight		Remarks
	F F F	31.3	8.3		
	F	30.4	8.7		
		33.3	10.3		
		31.8	8.8		
795	F	31.2	9.1		SC 11-8
	F M M	30.5	7.9		
	M	~~25.4~~	5.1		
		~~35.3~~	14.3		
		~~26.3~~	5.8		
800	M	~~27.6~~	7.2		SC 11-9
	M M M	~~27~~	5.2		
	M	~~21.7~~	3.4		
		~~25.9~~	5.2		
		~~34.4~~	12.1		
805	M	~~24.7~~	4.6		SC11-10
	F M F	~~27.5~~	5.0		
	F	~~25.5~~	5.4		
		28.9	6.4		
		30.8	8.0		
810	M	~~26.6~~	5.6		SC11-11
	M M M	~~37.5~~	15.3		
	F	~~25.2~~	4.8		
		~~42~~	21		
		32.0	10.1		
815	F	30.4	8.0		SC11-12
	M M M	~~40.5~~	22.0		
	M	~~35.2~~	13.8		
		~~24.6~~	5.2		
		~~26.5~~	6.2		
820	M	~~25.7~~	5.3		SC 11-13

Dworshak National Fish Hatchery

Adult Record

Date 5-12-1975

Number	Sex	Fork Length Inches	Weight		Remarks
	M M M	34.3	12.0		
	M	26.1	5.5		
		35.4	16.4		
		24.9	5.3		
825	M	25.4	5.1		SC11-14
	M M M	27.9	7.0		
	M	27.7	6.4		
		26.9	6.5		
		27.3	6.9		
830	M	26.0	5.0		SC11-15
	M M M	25.0	5.3		
	M	25.5	5.5		
		25.4	5.2		
		26.8	6.0		
835	M	26.8	6.1		SC11-16
	M M M	27.0	5.9		
	M	26.0	6.1		
		26.0	5.8		
		26.8	6.1		
840	F	31.6	9.2		SC11-17
	M M M	26.7	6.0		
	F	25.8	5.5		
		23.9	4.3		
		25.6	4.5		
845	M	33.0	10.7		SC11-18
	M M M	25.6	5.2		1/2 DORSAL ERODED
	M	24.5	4.9		
		26.0	6.0		
		26.7	6.2		
850	M	26.7	6.4		SC11-19

Dworshak National Fish Hatchery

Adult Record

Date 5-12-1975

Number	Sex	Fork Length Inches	Weight		Remarks
	F M M	34.8	11.4		
	F	~~24.4~~	4.3		
		~~34.0~~	11.4		
		32.0	8.9		
855	F	32.1	8.6		SC11-20
	F M F	32.2	9.3		
	F	~~26.0~~	6.1		
		27.0	4.9		
		30.0	6.8		
860	F	31.5	8.7		SC12-1
	F F M	31.2	8.2		
	F	31.2	8.5		
		~~25.7~~	5.8		
		34.2	10.7		
865	F	33.5	10.0		SC12-2
	F F F	32.9	10.1		
	F	33.6	9.7		
		32.8	9.8		
		35.7	11.7		
870	F	21.7	8.9		SC12-3
	M M M	~~40.3~~	22.5		
	M	~~41.7~~	25.8		
		~~33.0~~	12.5		
		~~39.4~~	22.3		
875	M	~~25.7~~	5.2		SC12-4
	M M M	~~40~~	21.0		
	M	34.6	13.3		eroded Dorsal
		~~25.8~~	5.1		
		~~25.1~~	5.0		
880	M	~~24.8~~	4.8		SC12-5

Dworshak National Fish Hatchery

Adult Record

Date 5-12-1975

Number	Sex	Fork Length Inches	Weight		Remarks
	F M F	34.0	11.5		
	F	~~25.5~~	5.4		
		33.5	10.2		
		25.4	4.8		
885	F	32.0	9.4		SC12-6
	M M M	~~27.1~~	6.1		
	F	~~26.3~~	5.4		
		~~26.8~~	5.9		
		34.0	12.1		
890	M	~~25.5~~	5.1		SC12-7
	M M M	~~25.1~~	5.2		
	M	~~25.8~~	5.8		
		~~35.4~~	12.6		
		~~25.9~~	5.3		
895	F	35.5	11.9		SC12-8
	M M M	~~23.4~~	4.4		
	M	~~25.8~~	5.6		
		~~25.2~~	5.1		
		~~30.7~~	8.1		
900	M	~~25.0~~	4.8		SC12-9
	M M M	~~26.1~~	5.5		
	F	~~35.1~~	13.8		
		~~27.4~~	6.3		
		35.1	12.1		
905	F	33.9	10.8		SC12-10
	M M M	~~36.7~~	16.0		
	F	~~24.1~~	5.1		
		~~23.6~~	4.6		
		30.6	8.5		
910	M	~~26.3~~	5.8		SC12-11

Dworshak National Fish Hatchery

Adult Record

Date 5-12-1975

Number	Sex	Fork Length Inches	Weight		Remarks
	M M M	~~25.0~~	5.6		
	F	~~26.7~~	5.3		
		~~37.8~~	16.7		
		31.8	9.9		
915	F	32.8	10.0		SC12-12
	M M M	~~25.5~~	5.0		
	M	~~25.7~~	5.2		
		~~25.8~~	5.6		
		33.9	11.5		
920	F	34.0	11.1		SC12-13
	F M F	32.9	9.7		
	M	~~25.7~~	5.6		
		30.4	8.0		
		~~26.7~~	5.3		
925	M	~~25.2~~	4.5		SC12-14
	M M M	~~24.6~~	5.1		
	M	~~23.8~~	4.7		
		~~26.9~~	6.5		
		~~26.7~~	6.2		
930	M	~~25.4~~	5.4		SC12-15
	M F M	~~24.7~~	5.2		
	F	25.6	4.8		
		~~26.8~~	5.9		
		25.5	4.8		
935	F	31.5	8.6		SC12-16
	M M M	~~25.5~~	5.4		
	F	~~26.3~~	5.8		
		~~24.5~~	4.8		
		30.0	7.4		
940	F	30.7	8.2		SC12-17

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Dworshak National Fish Hatchery

Unmarked
Adult Record

Date 5-12-75 and 5-19-75

Number	Sex			Fork Length Inches	Weight		Remarks
941	M	F	F	~~35.5~~	13.6		last of day 5-12-75
5-19-75	M			~~[illegible]~~ 34.5	~~8.0~~ 11.1		
				30.3	7.0		
				~~27.3~~	6.8		
945	M			~~25~~	4.4		5 12-18
	M	M	F	~~26~~ ~~[illegible]~~	~~[illegible]~~ 5.2		
				~~27~~	6.5		
	F			30.7	8.6		
				31	7.0		
950	F			31.5	7.6		5 12-19
	F	M	M	32.1	9.4		
				~~25.5~~	5.4		
	M			~~26.4~~ 26.8	5.9 ~~6.4~~		
				?	?		
955	M			~~24.5~~	4.8		5-12-20
	F	F	F	34.2	11.3		
				32.2	10.3		
	F			32.6	7.9		
				30.2	7.5		
960	M			~~34~~	13.3		5-13-1
	F	M	F	33.8	10.3		
				~~23.8~~	4.6		
	F			25.9	4.9		
				29.3	6.2		
965	F			33.1	9.7		5 13-2
	M	F	F	~~30~~	8.5		
				30	7.3		
	M			25.8	5.1		
				~~24.6~~ ~~[illegible]~~	~~[illegible]~~ 5		
970	M			~~40~~	19.3		5-13-3

Dworshak National Fish Hatchery

Adult Record

Date 5-19-75

Number	Sex	Fork Length Inches	Weight		Remarks
	F F F	32.8	10.6		
	M	31.3	7.8		
		32.6	9.6		
		~~26.7~~	6.1		
975	M	~~25.5~~	5		5-13-4
	M M M	~~26.4~~	5.9		
	M	~~27~~	6.3		
		~~36~~	15.5		
		~~36~~	15.2		
980	M	~~33~~	12		5-13-5
	M M M	~~37~~	16.6		
	M	~~39.3~~	19.3		
		~~32.1~~	~~32~~ 10.2		
		~~35.4~~	12.5		
985	F	32.0	8.8		5-13-6
	F F F	38.5	20.0		
	F	32.8	9.0		
		31.0	8.2		
		35.0	13.4		
990	F	31.7	8.3		5-13-7
	F F F	25.6	4.5		
	M	32.5	9.4		
		31.9	9.4		
		~~36.1~~	16.0		
995	F	32.0	9.4		5-13-8
	M M M	~~35.3~~	13.8		
	M	~~34.5~~	13.3		
		~~34.2~~	12.8		
		~~32.5~~	10.8		
1000	F	33.5	10.3		no otolith 5-13-9

Dworshak National Fish Hatchery

Adult Record

Date 5-19-75

Number	Sex	Fork Length Inches	Weight		Remarks
	M M M	~~26.8~~	6.6		
	M	~~40.3~~	23.4		
		~~35.8~~	15.1		
		~~38.5~~	18.9		NO NOSE (mort)
1005	F	~~34.2~~ 34.2	7.0		5-13-10
	M F M	~~25~~	5.4		NO NOSE (mort)
	M	31	8.2		
		~~24~~	4.6		
		28.5	8.6		
1010	F	24.2	4.2		5-13-11 ACB
	M M M	~~27.7~~	6.8		
27 MAY		~~24.8~~	4.9		
	F	~~32.2~~	10.7		
		31.5	8.4		nose only
1015	F	25.6	4.6		5C 13-12
	F F F	33.3	10.5		
		29.2	6.5		
	F	31.3	8.5		
		31.5	8.2		
1020	F	29.6	6.7		13-13
	M F M	~~31.3~~	9.9		
		38.4	14.3		
	F	~~36.5~~	14.3		
		31.5	8.4		
1025	M	~~25.7~~	5.4		13-14
	M M M	~~43.0~~	27.8		
		~~35.3~~	15.2		
	M	~~41.4~~	22.1		
		~~33.9~~	12.2		
1030	F	30.1	7.4		13-15

Dworshak National Fish Hatchery

Adult Record

Date 5-27-75

Number	Sex	Fork Length Inches	Weight		Remarks
	M M M	~~34.7~~	13.0		
	M	~~33.2~~	11.5		
		~~25.6~~	5.1		
		~~33.0~~	11.0		
1035	F	32.0 ✓	8.4		5-13-16
	m m m	~~34.8~~	13.0		
	m	~~35.7~~	14.0		
		~~34.0~~	12.0		
		~~37.3~~	16.5		
1040	F	31.5	8.7		5-13-17
	m m m	~~34.2~~	14.2		
	m	~~35.0~~	12.8		
		~~35.5~~	13.3		
		~~27.4~~	6.6		
1045	F	31.2	7.8		5-13-18
	m m m	~~33.1~~	12.0		
	m	~~34.0~~	12.2		
		~~35.2~~	14.6		
		~~37.3~~	17.2		
1050	F	30.4	7.9		5-13-19
	m F F	~~34.9~~	13.8		
	F	~~24.6~~	4.2		
		~~34.8~~	11.6		
		31.0	8.3		
2 JUNE 1055	F	~~32.0~~	9.0		5-13-20
	F m m	33.3	9.9		
	m	~~33.8~~	12.6		
		~~30.8~~	7.8		
		~~30.4~~	12.3		
1060	f	~~32.0~~	9.4		5-14-1

Dworshak National Fish Hatchery

Adult Record

Date 6-2

Number	Sex			Fork Length Inches	Weight		Remarks
	M	M	M	~~36.3~~	16.5		
	M	〃	〃	~~37.3~~	17.8		
	〃	〃	〃	~~36.8~~	17.1		
				~~35.4~~	13.4		
1065	F			33.3	9.9		S-14-2
	M	M	F	~~26.5~~	6.1		
	F	〃	〃	14.0	1		
	〃	〃	〃	36.1	12.5		
				32.7	9.3		
1070	F			30.8	8.4		S-14-3
	F	M	M	26.0	4.9		
9 JUNE	F	〃	〃	~~36.7~~	13.9		
				~~33.~~	11.5		
	〃	〃	〃	30.7	7.9		
1075	F			25.2	4.7		no oth. S-14-4
	~~X~~			~~24.1~~	~~3.8~~		
		〃	〃				
	〃	〃	〃				
1080							S-14-5
		〃	〃				
	〃	〃	〃				
1085							S-14-6
		〃	〃				
	〃	〃	〃				
1090							S-14-7

DWORSHAK NFH
MARKED STT 1975 RETURN DATA

NOS. 1 THRU 45

	FISH NO.	TAG	BRAND OR CLIP	ADV.	SEX MALE	SEX FEM.	FORK LENGTH (IN.)	WEIGHT (LBS)	SCALE OCEAN (FRESH)	BONE N=no rings B=BAD	DATE	OTOLITH (81)	
#1	1	Red 03310		✓		✓	34.0		2+(1)	2	3 MARCH		
	2	Red 03479		✓	✓				1(1)	2			
	3		RA IT	✓		✓	32.2		2(1)	B	10 MARCH		
	4			✓		✓	37.7		2+(1)	2			
	5			✓	✓		39.4		3+(1)	2	17 MARCH		
	6	Red 03268 Radio Tag		✓	✓		25.8		1+(1)	1	24 MARCH		
	7	Red 03602		✓		✓	32.8		2(1)	3(2close)			
	8	Red 03628		✓		✓	32.5		~~2+~~ 3(1)	2(1 light)			
	9	Red 03512	Left Vent.	✓		✓	26.6		1+(1)	2 (1 light)	31 MARCH		
	10		LA W			✓	31.1	11.9	1+(1)	3		1	(1)
	11			✓		✓	36.7		1+(1)	3(close)		2	
	12			✓		✓	30.7		2(1)	2½ (3)		2	
	13			✓		✓	31.0	9.2	1+(1)	1		1	
	14			✓		✓	26.0	5.3	1+(1)	2		1	
	15		R. Vent.			✓	34.0	11.7	2(1)	2(1 light)		2	(2)
	16		R. Vent.	✓		✓	25.0	4.6	1+(1)	2 (1 light)		2	(2)
	17	Red 03539		✓		✓	33.8	10.2	~~2+~~ 3(1)	2 (1 light)		2 ~~or 3~~	
	18		RA IT	✓		✓	31.8	8.7	2(1)	3 (1 light)		1	
	19			✓		✓	37.5	16.9	2+(1)	2		hard to read	
	20	Red 03641		✓		✓	30.2	8.2	2(1)	2(close)		2	
#2	21			✓		✓	33.7	12.3	2(1)	2		Bad eggs still in 2	
	22	missing dart		✓		✓	32.3	9.6	2(1)	2 (1 light)		2	
	23	Clackamas 03484			✓		38.5	19.5	2(1)	2	7 APRIL		
	24	Red 03605	RA ⊃	✓		✓	32.7	8.8	2(1)	3		2	
	25	~~Red 03263~~		✓?		✓	31.5		1+(1)	3 (all light)			
	26	Red 03263		✓		✓	31.6		1+(1)	3			
	27			✓	✓		41.3	20.7	2+(2?)	2			
	28			✓	✓		37.5	17.5	2+(1)	1			
	29	Red 03658		✓		✓	34.8	10.7	1+(1)	2	14 APRIL		
	30	Jaw Z-7			✓		25.0	5.0	1(1)	1			
	31	Red 02257	⊂	✓		✓	28.7	6.0	1+(1)	3			
	32			✓		✓	32.0	8.0	1+(1)	2			
	33			✓	✓		45.6		2(1)	1			
	34		L. vent			✓	31.7	10.2	2(1)	2		2	(2)
	35		R. vent?	✓	✓		25.7		1(1)	2		1	(2) ✓
	36			✓		✓	32.2	8.9	2(1)	3(2close)			
	37		R. vent.			✓	33.1	11.0	2(1)	2		2	(2)
	38		IT	✓		✓	31.6	7.7	2(1)	2		2	
	39			✓		✓	36.0	13.5	2(1)	2(close)			
	40			✓	✓		38.2	16.9	3(1)	2		2	
#3	41	tag wire		✓		✓	29.4	8.0	2(1)	4(2 light)			
	42	Red 03683		✓		✓	32.9	10.4	2(1)	3(2 light)		2	
	43	Clackamas 03459			✓		32.5	18.5	2(1)	3		2	
	44	Jaw Z-76			✓		25.5	5.9	1+(1)	2(1 light)			
	45		LA ⊔	✓		✓	37.5	15.1	2(1)	2	21 APRIL	2	(2)

DWORSHAK NFH

MARKED STT 1975 RETURN DATA

Nos. 46 THRU 90

FISH NO.	TAG	BRAND OR CLIP	AD ✓	SEX M	SEX F	FORK LENGTH (IN.)	WEIGHT (LBS.)	SCALE OCEAN(FRESH)	BONE	DATE	
46	Red 03696				✓	33.0	10.7	2 (1)	2	21 APRIL	
47		LA ⊔	✓		✓	30.5	9.1	2(1)	2		2 (2)
48		Rt. vent.			✓	31.2	8.0	2(1)	2		2 (2)
49			✓	✓		41.5		3(1)	2		
50	Red 03227		✓	✓		25.3	5.6	1(1)	1		
51			✓	✓		26.8	6.2	1(1)	1		
52		R. vent.	✓	✓		24.3	4.8	1+(Bad)	1		2 (2) *
53		L. vent.	✓	✓		26.3	6.0	1(1)	1		2 (2) *
54	Missing dart tag		✓	✓		46.0	5.6	2+(1)	1		
55	Red 03199				✓	33.0	9.9	2(1)	2		handled once
56	Red 03194	RA ⊔ L. vent	✓		✓	26.0	5.1	2+(1)	2(1 light)		1
57		L. vent.			✓	31.1	8.8	1+(1)	2		2 (2)
58	Red 03032				✓	30.0	7.4	2(2)	2		
59	Catch+release jaw tag missing				✓	33.2	10.8	2(1)	1		
60		R. vent.			✓	34.4	11.0	2(1)	2		2 (2)
61	Red 03630	RA ⊢	✓		✓	24.8	4.3	1+(1)	2		1
62		LA ⊢	✓		✓	33.1	10.0	1+(1)	3(2 light)		2
63	Red 03563		✓		✓	31.2	8.2	4(1)	3		
64		L. vent.			✓	31.6	8.1	2(1)	2(light)		
65	Red 02263 Jaw Z-2007		✓		✓	33.2	10.5	2+(1)			
66			✓		✓	35.0	11.8	2+(1)	1		
67	Red 03021		✓		✓	32.5	9.4	2+(1)	2		
68			✓		✓	33.8	9.4	1+(1)	2		
69			✓		✓	35.3	13.5	3(1)	2(1 light)		
70			✓	✓		26.6	6.4	1+(1)	2		
71			✓	✓		25.3	5.6	1(Bad)	1		
72			✓	✓		33.0	13.0	2(1)	2 light		
73			✓	✓		39.2	19.7	2(1?)	2 pint + ½ pint = 3		
74			✓	✓		40.0	20.5	2(1)	2 light		
75		L. vent.		✓		34.8	14.4	1+(1)	2		2 (2)
76		R. vent.	✓	✓		26.4	6.5	1(1)	1½ = 2		1 or 2 (2)
77			✓	✓		25.2	5.6	1(1)	1		
78		RA ⊣	✓	✓		24.8	5.3	1+(1)	1		unm 1
79		L. vent.			✓	30.8	10.4	2(1)	3		1 (2) *
80			✓	✓		25.6	4.9	1+(1)	1		
81			✓	✓		28.1	7.3	1+(1)	2 light		
82	Red 03458	RA ⊥		✓		25.2	4.9	1(1)	1 light		1
83		R Vent.	✓		✓	32.2	9.9	2(1)	2	28 APRIL	2 (2)
84					✓	31.7	8.5	2(1)	2		
85			✓		✓	35.1	10.9	1+(1)	2		
86	Red 02295		✓		✓	38.8	16.3	2(1)	1		
87	Red 03692				✓	31.1	8.7	2(1)	N		
88			✓		✓	33.2	9.4	1+(1)	2		
89			✓		✓	36.2	13.7	1(1)	2		
90		L. vent.			✓	32.3	9.0	BAD	1		2 (2)

DWORSHAK NFH

MARKED STT 1975 RETURN DATA

Nos. 91 THRU 135

FISH NO.	TAG	BRAND OR CLIP	AD ✓	SEX M	SEX F	FORK LENGTH (IN.)	WEIGHT (LBS.)	SCALE OCEAN(FRESH)	BONE	DATE	OTOLITH
91	Jaw Z2024				✓	30.6	8.4	2(1)	2	28 APRIL	
			✓		✓	30.3	7.6	2(1)	2		
	missing tag		✓		✓	33.0	9.7	2+(1)			
		RA brand			✓	38.6	13.7	2(1)	2		2 ~~(2)~~
95	missing Jaw conic tag			✓		26.2	5.6	1+(1?)	1		
	Red 03426		✓		✓	31.3	9.2	2(1)	2		
			✓		✓	31.3	9.4	2(1)	2		
	Red 03540		✓		✓	30.1	7.2	2(1)	2		
			✓		✓	32.9	9.8	1(1)	2		
100	Red 03464		✓	✓		25.5	6.1	1+(1)	1		wrong
6		L. vent.			✓	29.0	6.0	1+(2)	2 (1 light)		1 (2)
	Red 03713				✓	34.1	11.1	2(1)	2		
	Red 03261				✓	32.4	9.5	2(1)	1		
			✓	✓		38.4	20.3	2(1)	2		
105			✓	✓		35.5	14.7	1+(1)	1		wrong
		L.A W	✓		✓	33.3	10.5	1+(1)	2		2 (1)
			✓	✓		25.9	5.9	1+(1)	1		
			✓		✓	30.0	7.9	2(1)	2		
		L. vent.	✓	✓		26.3	7.0	1+(1)	1		2 (2)
110			✓		✓	23.8	3.9	1+(1)	1		
			✓	✓		25.8	6.1	1+(1)	1		
	Red 03664		✓	✓		30.4	9.8	2(1)	2		
			✓	✓		25.2	5.3	1(1)	1		
			✓	✓		24.0	5.1	2(1)	1		
115			✓		✓	31.3	10.0	1(1)	1		
			✓	✓		26.3	6.6	1+(1)	2		
		RA ⊏	✓	✓		24.4	5.0	0(1)	1		unreadable
		L. vent.		✓		26.0	5.4	1+(1)	1		2 (2)
			✓	✓		41.0	24.5	2(1)	3 very close together		
120			✓	✓		40.8	25.9	2(1)			
1			✓	✓		26.6	6.3	1(1)			
			✓	✓		23.3	4.3	1+(1)	3 (2 close, 1 light)		
		LA K	✓	✓		35.8	15.4	2(1)			2
			✓	✓		25.5	5.3	1(1)			
125		R. vent.	✓	✓		25.5	5.1	1(1)			wrong 1 (2)
			✓	✓		35.8	16.0	Pond Mort		5 MAY	~~2~~
			✓		✓	33.2	9.8	2(1)	2		
	missing dart		✓		✓	32.0	9.8	1+(1)	2		
			✓		✓	32.0	8.4	1(1)	N		
130		RA ⊐	✓	✓		25.0	4.0	1+(1)	2		
		RA ⊓	✓		✓	30.6	7.6	1+(1)	3		2
	Red 03343		✓		✓	31.6	9.2	2(1)	1		
			✓	✓		43.8	26.5	2(1)	2 big 2 small		
			✓	✓		36.2	13.8	2(1)	3		
135		R. vent.			✓	34.0	11.0	2(1)	2		2 (2)

DWORSHAK NFH

MARKED STT 1975 RETURN DATA

Nos. 136 THRU 180

FISH NO.	TAG	BRAND OR CLIP	AD ✓	SEX M	SEX F	FORK LENGTH (IN.)	WEIGHT (LBS.)	SCALE OCEAN(FRESH)	ZONE	DATE	Otoliths
~~136~~ 136	Red 03751	RA brand	✓		✓	26.2	4.6	1+(1)	1	5 MAY	2 ?
	Clackamas 04639		✓		✓	32.1	9.5	1+(1)	3		
		LA U	✓		✓	36.4	13.7	2(1)	2		2 (2)
			✓		✓	33.4	9.7	1+(1)	2		
140			✓	✓		26.8	6.7	1+(1)	1		
#8		L. vent.			✓	31.8	8.9	2(1)	2		2 (2)
			✓		✓	31.0	7.8	1+(BAD)	1		
			✓	✓		24.6	4.2	1+(1)	1		
			✓	✓		26.0	5.7	1+(1)	1		
145			✓	✓		26.8	6.6	1(1)	N		
			✓	✓		35.5	15.4	2(1)	3		
			✓		✓	36.1	13.8	2(1)	2		
			✓	✓		25.0	5.0	1+(1)	1		
	Red 03451	RA H	✓	✓		25.8	4.7	1+(1)	1		2
150			✓	✓		36.2	14.5	3(1)	2		
			✓		✓	31.6	8.5	2(1)	2		
			✓		✓	32.1	8.9	1(1)	2		
	Red 03488				✓	33.0	8.0	1+(1)	1		
			✓	✓		25.8	5.5	1+(1)	2 (1 light)		
155	Clackamas 03007	L. vent.		✓		34.0	11.8	2(1)	3		2 (2)
	Red 03795				✓	33.3	9.9	2(1)	3		
	missing dart tag		✓		✓	31.0	8.2	1+(1)	4 (1 light)		
		L. vent.			✓	35.8	13.0	1+(1)	3		2 (2)
		RA brand			✓	25.0	5.8	1(1)	2 (1 light)		2 ?
160	Red 03240		✓		✓	31.8	9.5	2(1)	1		
9	Red 03483		✓		✓	33.3	10.8	2(1)	2		
	Red 03726		✓		✓	30.4	7.3	2(1)	2		
			✓	✓		34.0	12.9	2(1)	2		
	Clackamas 03460				✓	31.2	8.7	2(1)	2		
165	Red 03470				✓	32.5	10.2	2(1)	2		
		LA 1Δ	✓		✓	34.1	11.8	2(1)	1		2
			✓		✓	37.8	16.2	2(1)	2		
			✓		✓	34.6	12.8	2(1)	2		
			✓		✓	31.1	8.4	BAD	N		
170	Red 02314		✓		✓	32.0	8.5	2(1)	1		
	Red 03360	LA brand	✓		✓	30.3	7.8	2(1?)	N		2 ?
			✓	✓		25.8	5.9	1+(?)	2 (1 light)		
			✓	✓		24.3	5.0	1+(1)	1		
			✓	✓		25.8	6.2	1+(1)	1 light		
175			✓		✓	25.0	4.3	1+(1)	1 light		
		LA U	✓		✓	32.2	8.9	1+(1)	4		2
			✓		✓	25.7	5.2	1(1)	N		
			✓		✓	25.3	4.9	1+(1)	1		
			✓	✓		23.5	3.5	1(1)	1		
180			✓	✓		25.0	5.7	1(1)	1 light		

DWORSHAK NFH

MARKED STT 1975 RETURN DATA

NOS. 181 THRU 225

FISH NO.	TAG	BRAND OR CLIP	AD ✓	SEX M	SEX F	FORK LENGTH (IN.)	WEIGHT (LBS.)	SCALE OCEAN (FRESH)	BONE	DATE	OTOliths
181			✓	✓		25.6	6.1	1+(1)	2	12 MAY	~~2~~
#01		L. vent.			✓	33.0	11.0	2(1)	2		2 (2)
	Jaw Z1071				✓	32.6	9.9	1+(1)	2		
	Red 03431	LA U	✓		✓	32.1	9.3	2 (1)	1		2 (2)
185		RA IV	✓		✓	34.8	12.4	1+(1)	1		2
	Red 03685		✓	✓		26.5	6.1	1+(1)	2		
		LA Π	✓		✓	38.0	15.9	2 (1)	2		2 worn (4)
	missing dart tag		✓	✓		32.1	9.4	1 (1)	1		
		LA bend	✓		✓	32.2	9.2	2 (1)	2		2 ?
190			✓?	✓		35.5	14.3	2 (1)	2		
		R vent. dors.			✓	32.8	8.3	2 (1)	1		2 (2)
	Red 03224	LA U	✓		✓	29.5	6.3	2 (1)	1 ~~OTH~~		2 (2)
	Red 03777				✓	31.8	9.0	1+(1)	3		
	~~Red 03555~~		✓		✓	36.0	13.4	2 (1)			
195	Red 03555		✓		✓	30.4	8.0	1+(1)	2		
	Red 03400		✓		✓	26.6	4.7	1+(1)	2		
		RA Cl	✓		✓	33.3	10.7	2 (1)	3		2
			✓	✓		34.8	12.4	2 (1)	2		
			✓	✓		25.3	5.0	1+(1)	1 light		
200			✓		✓	25.8	5.0	1+(1)	1		
#11			✓	✓		25.7	5.6	1+(1)	1		
			✓	✓		24.2	4.5	1+(?)	1		
		R. vent.	✓	✓		23.3	4.1	1+(1)	1		2 (2)
			✓	✓		25.3	6.0	1 (1)	1		
205			✓	✓		24.6	4.5	1+(1)	1		
	Red 02341		✓		✓	32.7	9.0	2 (1)	2		
			✓	✓		25.5	4.9	2+(1)	2		
			✓	✓		25.8	5.1	1+(1)	2 (1 light)		
			✓	✓		25.5	5.3	1+(1)	2		
210	Red 03773				✓	30.9	9.4	2 (1)	3		
	Red 03718		✓		✓	31.6	8.4	~~2~~ 3 (1)	2		
	IF&G 224			✓		25.9	5.3				
		R. vent.		✓		26.5	5.5	1 (1)	1		2 (2)
			✓	✓		28.0	7.2	1+(1)	2		
215		R. ant.?	✓		✓	30.2	7.2	2 (1)	3 (1 light)		2 ?
			✓	✓		34.8	14.2	2 (1)	2		
			✓	✓		25.7	5.3	1 (1)	2		
			✓	✓		25.5	5.1	1+(1)	1		
			✓	✓		25.5	5.4	1+(1)	2		
220		L. vent?	✓		✓	26.7	5.4	1+(1)	1		2 (2)
#12	eroded dorsal		✓	✓		25.6	5.2	1+(1)	1		
			✓	✓		23.8	4.6	1+(1)	2		
			✓	✓		28.2	7.2	2 (1)	1		
		R vent?	✓	✓		26.2	5.8	1+(1)			2 (2)
225			✓	✓		24.8	4.4	2 (1)	1		

DWORSHAK NFH

MARKED STT 1975 RETURN DATA

NOS. 226 THRU 266

FISH NO.	TAG	BRAND OR CLIP	AD ✓	SEX M	SEX F	FORK LENGTH (IN.)	WEIGHT (LBS.)	SCALE OCEAN (FRESH)	BONE	DATE	Otoliths
226		R. vent.	✓	✓		28.0	7.2	1+ (1)	1	12 MAY	
	Red 03524		✓	✓		25.2	5.2	1	1		
			✓	✓		26.0	5.6	1+	1		
		eroded L. vent	✓	✓		25.5	5.1	1+	2		
230			✓	✓		27.6	6.8	1+	1		
			✓	✓		24.8	4.7	1+	2		
		R. vent.	✓	✓		25.9	5.0	1+	1		2 (2)
	Red 03489	RA brand	✓	✓		23.2	3.8	1	1		1 ?
			✓	✓		26.4	6.1	1	1		
235			✓	✓		35.5	15.2	2	2		
		LA brand	✓	✓		15.7	1.4	1+	1		2 ?
	Red 03811			✓	✓	31.2	8.0	2	2½ = (3)	19 MAY	2
		LA ♀	✓		✓	31.1	7.9	2			2
			✓	✓		39.2	19.7	2	3 (2 close)		
240			✓	✓		26.0	5.5	2	1		
#13			✓	✓		26.4	6.4	1+	2		
	Red 03311	LA M	✓		✓	33.4	11.0	2+	2		wrong 2 (1)
	Red 03815		✓		✓	28.9	7.4	2	2		
		LA ♂	✓	✓		32.9	11.3	1+	N-2		2
245			✓	✓		26.0	6.3	1+	1		
			✓	✓		24.9	4.7	1	2		
			✓	✓		37.0	16.6	2	2		
			✓	✓		35.5	13.6	2	2		
	missing dart tag	RA brand	✓		✓	31.4	8.2	2	N-2		3 ?
250			✓		✓	25.1	4.7	1+	1		
			✓	✓		39.7	19.7	2	2		
			✓	✓		27.5	6.9	–			
	Jaw C-79				✓	25.3	4.3	1+	2		
	missing dart tag		✓	✓		25.2	5.0	1+	2		
255			✓	✓		26.7	6.5	1	2		
			✓		✓	25.7	4.8	1+	2	27 MAY	
			✓		✓	24.7	4.2	1+	1		
			✓		✓	30.0	6.9	2	N		
	Red 03255	RA P	✓		✓	37.5	14.3	2+	1		Blank
260		L. vent.	✓		✓	24.0	3.9	1+	1 light		2 (2)
#14					✓	34.0	10.8	2	1		
			✓	✓		37.0	16.9	2	2		
			✓	✓		39.9	19.7	2	2 (1 light)		
			✓	✓		36.3	15.2	2	1	2 JUNE	
265	Red 03720		✓	✓		34.0	12.4	BAD	3 (1 light)	9 JUNE	
266					✓	24.1	3.8				

~~270~~