

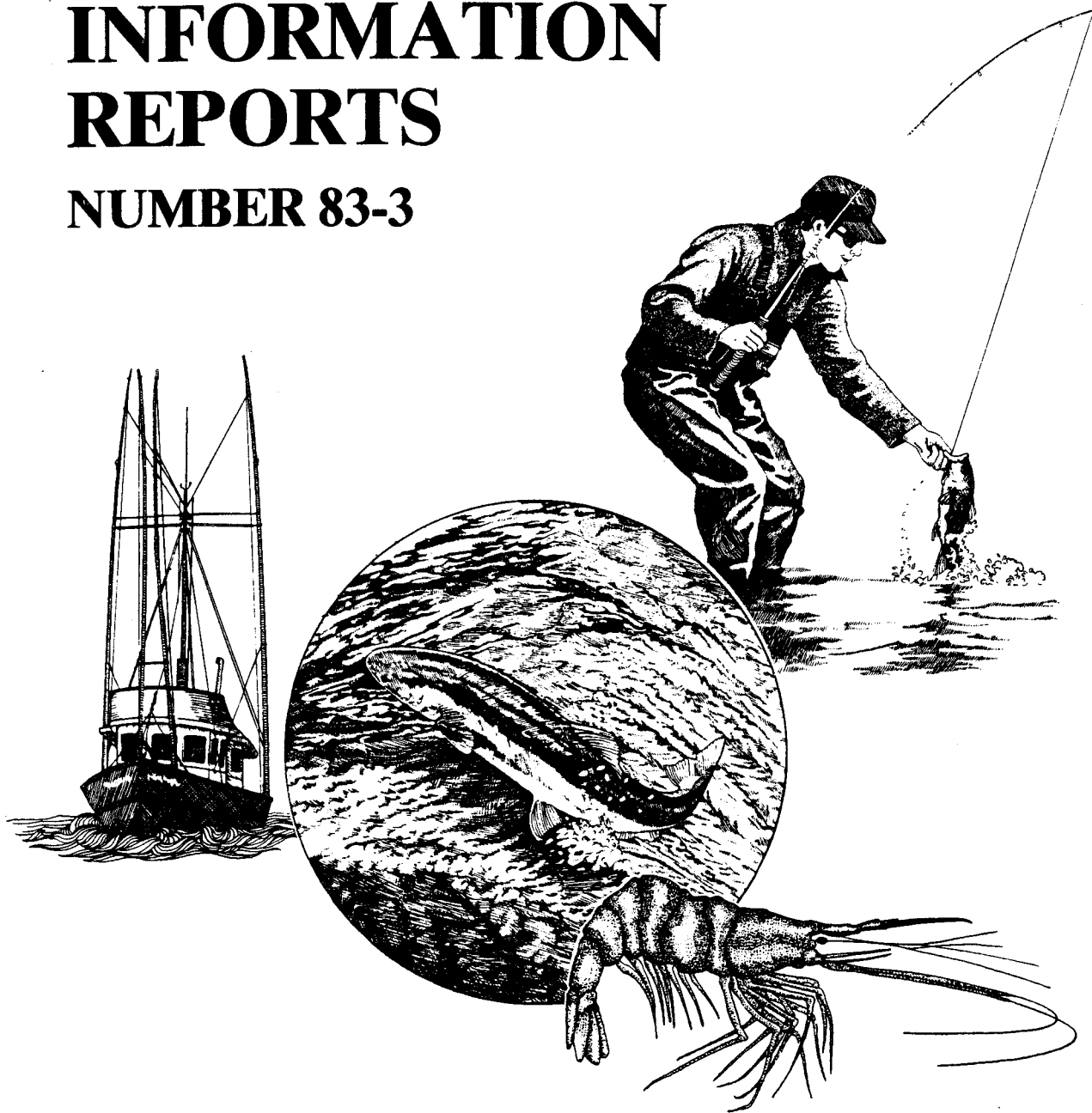
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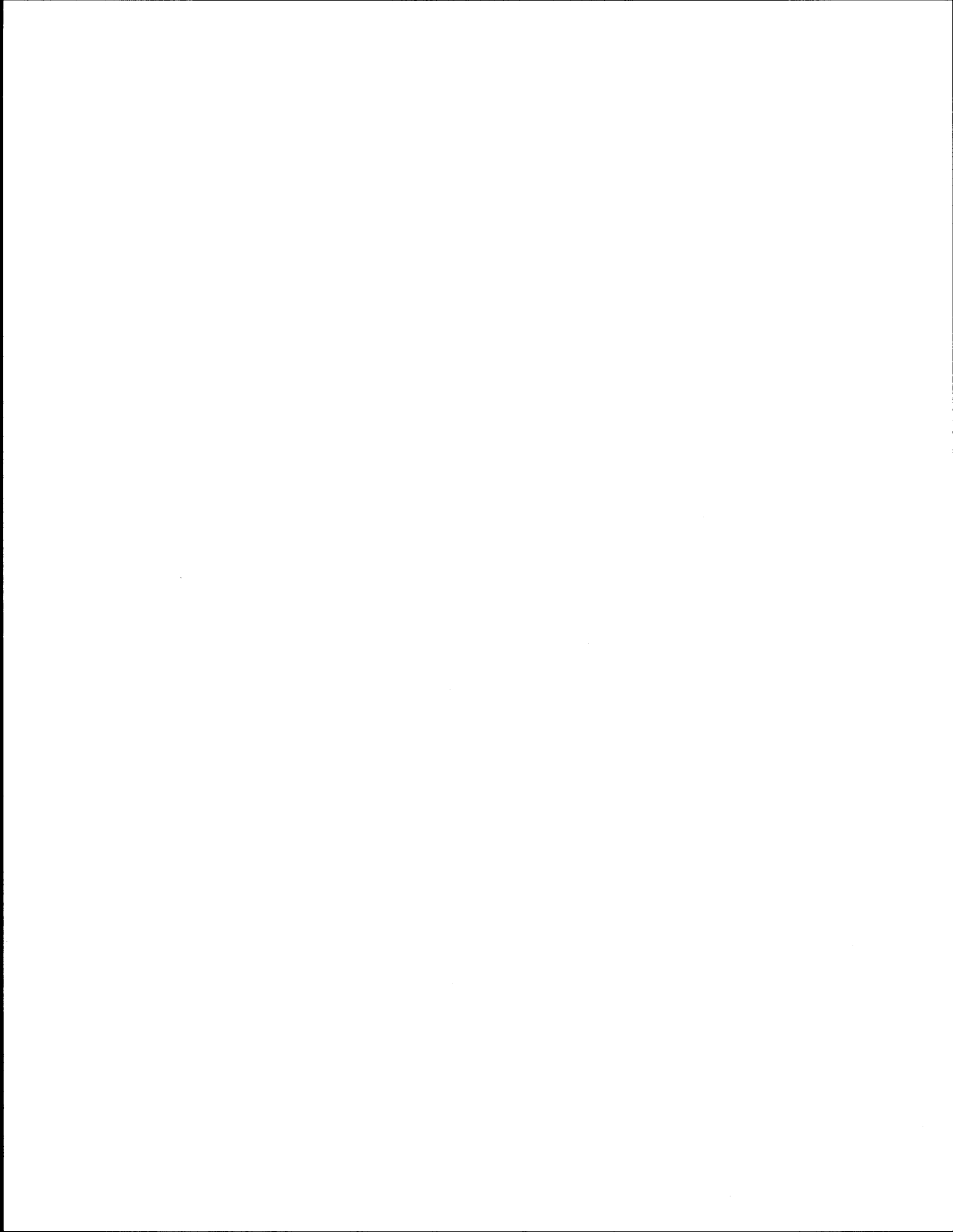
NUMBER 83-3



FISH DIVISION
Oregon Department of Fish and Wildlife

Releases of Coho Salmon into the Upper Willamette River, Oregon



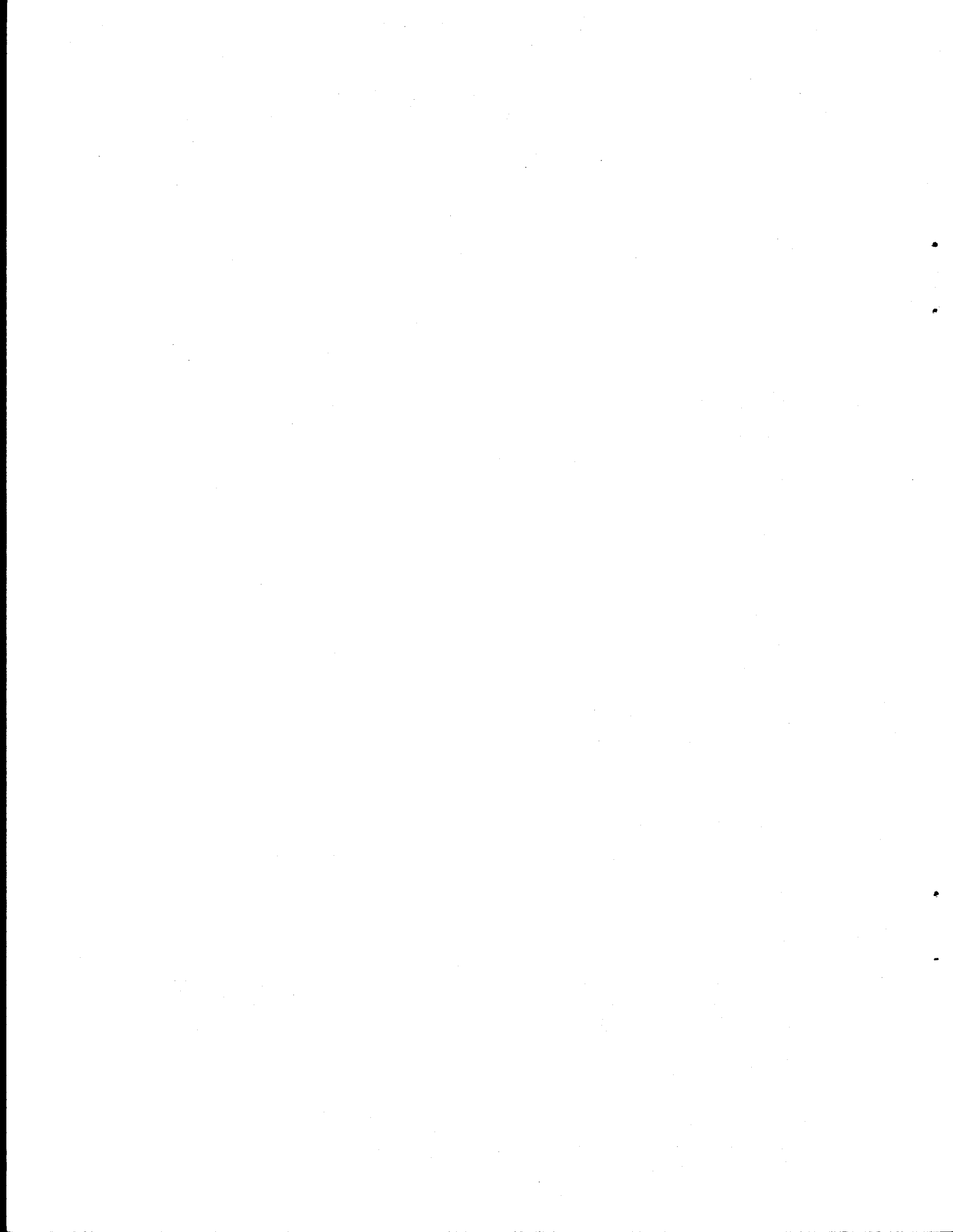


Releases of Coho Salmon into
the Upper Willamette River, Oregon

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February, 1983



Coho salmon were not naturally present in the Willamette River basin above the Oregon City falls. Low water flows during the time of adult spawning migration made it possible for coho to ascend the falls. To use the potential spawning and rearing areas in the basin the former Fish Commission of Oregon (FCO) began releasing coho above the falls on a regular basis in 1952. Sporadic releases of coho were made into the Tualatin River as early as the 1920's. The FCO undertook an intensive coho enhancement program in the system from 1964-1974. Large numbers of coho at different life history stages were released during this period. As many as 10 million presmolts, 1.3 million smolts, and 9,300 adult spawners were released annually during the most intense period. Since 1974 the intensity of the program has decreased and about 60,000 yearling are now being released annually into the Tualatin system for mitigation of Scoggins Dam (Table 1). The objective of the program was to seed as many suitable streams as possible with coho that would use the available rearing capacity. The ultimate goal of the program was to establish a self-sustaining population in the upper basin.

The FCO program used several release strategies including release of adult spawners, swim-up fry (1,000-1,200 fish/lb), fingerling (50-300 fish/lb), or yearling (larger than 50 fish/lb). Details of the releases are available in unpublished records from the Fish Culture Section of the Oregon Department of Fish and Wildlife (ODFW), and from field notes on file at the Columbia Region office at Clackamas. This report is a compilation of all available data on coho released in the Willamette River above the falls from 1952 to 1982 (Appendix Table 1). The number of coho fry, fingerling, yearling, eggs, and adult spawners released into 17 major tributaries of the Willamette since 1952 are listed in Table 2.

Table 1. Releases of Coho Salmon into the Upper Willamette River System.

Brood Year	Fry	Fingerling	Yearlings	Adult Spawners
1951	0	50,000	0	0
1952	0	0	10,000	0
1953	0	275,000	0	0
1954	0	56,000	50,486	0
1955	0	80,000	104,877	0
1956	24,549	529,862	0	0
1957	0	722,196	90,316	0
1958	0	344,696	0	0
1959	0	277,199	91,784	0
1960	0	100,913	105,717	0
1961	1,572,068	0	138,318	0
1962	5,359,996	0	61,814	0
1963	0	0	178,571	0
1964	6,886,100	816,360	296,224	7,415
1965	9,727,546	0	0	1,846
1966	9,777,986	886,105	0	3,918
1967 ^a	6,511,935	0	0	9,304
1968	5,700,471	249,490	1,154,129	7,296
1969	6,613,306	78,020	1,375,798	5,386
1970	883,235	0	1,236,601	830
1971	1,364,132	0	1,253,855	1,450
1972	1,601,177	469,172	1,270,174	1,521
1973	258,366	373,000	189,746	1,139
1974	448,963	330,301	607,522	204
1975	0	0	410,553	0
1976	635,742	0	169,836	0
1977	0	0	164,983	0
1978	0	0	60,102	0
1979	0	0	59,892	0
1980	370,560	0	54,943	0

^a Approximately 1,447,000 eggs were placed in the gravel in five tributaries in 1967.

Table 2. Total releases of coho salmon into the Willamette River and 17 major tributaries above the falls at Oregon City, 1951 through 1980 brood years.

Location of release	Fry	Fingerling	Yearling	Eggs	Adults
	- - - - - Thousands - - - - -				Number
Mid Fork Willamette	4,070.0	121.9	491.6	0	2,203
McKenzie	3,384.8	148.1	1,027.1	0	3,556
Coast Fork Willamette	6,154.9	123.9	283.7	450	1,240
Long Tom	157.0	0.0	48.5	0	0
South Santiam	10,152.2	743.4	1,515.7	0	7,440
Calapooia	3,246.1	123.9	270.7	0	856
North Santiam	2,098.6	45.7	78.9	0	0
Luckiamute	3,520.3	360.5	697.1	0	4,093
Mary's	3,721.0	316.1	607.1	0	1,662
Rickreall	869.4	92.3	0.0	0	1,676
Pudding	4,978.1	561.4	371.4	200	4,176
Willamette, main stem	493.5	0.0	91.8	0	970
Molalla	4,257.4	746.6	680.4	42	4,288
North Yamhill	1,192.1	240.2	352.0	657	2,478
South Yamhill	6,322.4	866.3	1,526.1	98	2,963
Yamhill	0.0	0.0	0.0	0	159
Tualatin	2,747.8	1,148.0	1,039.2	0	2,549
Totals	57,365.6	5,638.3	9,081.3	1,447	40,309

Thirteen different hatcheries were used for rearing coho for the Willamette program, these included: Alsea, Big Creek, Bonneville, Cascade, Eagle Creek National (USFWS), Elk River, Klaskanine, McKenzie, Nehalem, Oxbow, Sandy, Siletz, Trask, and Willamette Oakridge. The predominant stock released into the system was early spawning Columbia River "toutle" stock. However, several northern Oregon coastal stocks were also introduced during the early years of the program. From 1974 to 1979 several experimental groups of coho from the Cowlitz River, Washington were released.

This publication can be used as a definitive source of information on releases of coho salmon into the Willamette basin above the Oregon City falls.

APPENDIX

Releases of coho salmon into the Upper Willamette River are listed in detail in Appendix Table 1. The major tributary, and the minor tributaries where releases were made are listed. The brood year of the juvenile fish follows the major tributary. Adults refers to spawners that, if successful, would produce progeny of the listed brood year. Under the column, number released, the first number (in parenthesis opposite the major tributary) is the total of the releases into the minor tributaries. The hatchery source is the hatchery from which fish were transported for release. Where Cowlitz stock were reared in ODFW hatcheries, the word Cowlitz follows the hatchery name to identify this stock from the indigenous stock. The letter "M" following fish per pound designates that group to have been marked either with fin marks or Ad+CWT. An updated computer file named WILCORE is available from the author.

APPENDIX TABLE 1. RELEASES OF COHO SALMON INTO THE WILLAMETTE RIVER BASIN ABOVE THE FALLS AT OREGON CITY, 1952-1981.

STREAM (BROOD YEAR) LOCATION	NUMBER RELEASED				FISH PER FOUND	HATCHERY SOURCE	RELEASE DATE
	FRY	FINGERLING	YEARLING	ADULT			
CALAPOOIA (1961) BUCKEYE CR MAIN STEM POTTS CR	(280,042) 41,832 196,378 41,832				1,162 1,162 1,162	BONNEVILLE BONNEVILLE BONNEVILLE	03/31/62 03/29/62 03/31/62
CALAPOOIA (1962) MAIN STEM MAIN STEM	(502,444) 251,222 251,222				1,100 1,100	KLASKANINE KLASKANINE	01/08/63 01/09/63
CALAPOOIA (1964) BRUSH CR MAIN STEM	(494,728) 494,728	(28,913) 28,913			15 1,250	SANDY BONNEVILLE	03/03/66 04/01/65
CALAPOOIA (1965) BRUSH CR WEST BRUSH CR	(221,156) 170,120 51,036				1,050 1,050	KLASKANINE KLASKANINE	02/18/66 02/18/66
CALAPOOIA (1966) MAIN STEM M.F. BRUSH CR WEST BRUSH CR	(147,415) 98,278 49,137	(123,900) 123,900			177 1,095 1,095	SANDY BONNEVILLE BONNEVILLE	06/07/67 03/21/67 03/21/67
CALAPOOIA (1967) MAIN STEM MAIN STEM	(363,754) 363,754			(290) 290	1,150	CASCADE BONNEVILLE	03/15/68 09/22/67
CALAPOOIA (1968) BIG CR BRUSH CR BRUSH CR HANDS CR MAIN STEM MAIN STEM	(456,788) 61,726 24,704 123,453 123,452	(19,992) 19,992		(566) 246	1,630 1,615 17 1,630 1,630	BONNEVILLE BONNEVILLE CASCADE BONNEVILLE BONNEVILLE BONNEVILLE	03/27/69 04/01/69 03/20/70 03/27/69 03/27/69 09/09/68

APPENDIX TABLE 1. CONTINUED.

STREAM (BROOD YEAR) LOCATION	NUMBER RELEASED				FISH PER POUND	HATCHERY SOURCE	RELEASE DATE
	FRY	FINGERLING	YEARLING	ADULT			
CALAPOOIA (1968) (CONT)							
MAIN STEM				320		BONNEVILLE	09/16/68
POTTS CR	123,453				1,630	BONNEVILLE	03/27/69
CALAPOOIA (1969)			(123,275)				
BRUSH CR	(779,727)		20,992		16	CASCADE	03/17/71
BRUSH CR	84,800				1,256	SANDY	03/17/70
HANDS CR	42,400				1,256	SANDY	03/17/70
KING CR	63,600				1,256	SANDY	03/17/70
MAIN STEM			102,283		16	CASCADE	03/17/71
MAIN STEM	398,127				1,168	BONNEVILLE	04/14/70
MAIN STEM	148,400				1,256	SANDY	03/17/70
POTTS CR	42,400				1,256	SANDY	03/17/70
CALAPOOIA (1970)			(98,523)				
MAIN STEM			53,600		15	CASCADE	03/29/72
MAIN STEM			44,923		15	CASCADE	04/06/72
COAST FORK WILLAMETTE (1962)							
MOSBY CR	(300,000)				1,100	BONNEVILLE	03/19/63
MOSBY CR	300,000						
COAST FORK WILLAMETTE (1964)			(400)				
ALLEN CR	(481,276)		250			CASCADE	10/26/64
BRICE CR	127,700				1,168	SANDY	03/04/65
LAYING CR	127,938				1,168	SANDY	03/04/65
MOSBY CR			150			CASCADE	10/26/64
SHARPS CR	225,638				1,168	SANDY	03/04/65
COAST FORK WILLAMETTE (1965)							
BEAR CR	(1,744,828)						
BRICE CR	124,360						
BROWNIE CR	378,230				1,400	BONNEVILLE	03/25/66
CLARKS CR	46,635				1,400	BONNEVILLE	03/25/66
DORIS CR	60,112				1,547	BONNEVILLE	03/03/66
DORIS CR	47,946				1,547	BONNEVILLE	03/15/66

APPENDIX TABLE 1. CONTINUED.

STREAM (BROOD YEAR) LOCATION	NUMBER RELEASED				FISH PER POUND	HATCHERY SOURCE	RELEASE DATE
	FRY	FINGERLING	YEARLING	ADULT			
COAST FORK WILLAMETTE (1965) (CONT)							
E.F. MOSBY CR	93,270				1,400	BONNEVILLE	03/25/66
HARVEY CR	31,964				1,547	BONNEVILLE	03/15/66
HERMAN CR	47,946				1,547	BONNEVILLE	03/15/66
JUNETTA CR	31,964				1,547	BONNEVILLE	03/15/66
JUNETTA CR	63,928				1,547	BONNEVILLE	03/15/66
LAYING CR	47,946				1,547	BONNEVILLE	03/15/66
LAYING CR	31,964				1,547	BONNEVILLE	03/15/66
MARTIN CR	75,140				1,547	BONNEVILLE	03/03/66
MOSBY CR	155,437				1,400	BONNEVILLE	03/25/66
M.F. JUNETTA CR	95,909				1,547	BONNEVILLE	03/15/66
PATTERSON CR	47,946				1,547	BONNEVILLE	03/15/66
QUARTZ CR	45,084				1,547	BONNEVILLE	03/03/66
SALT PETER CR	31,964				1,547	BONNEVILLE	03/15/66
SHARPS CR	240,448				1,547	BONNEVILLE	03/03/66
W.F. MOSBY CR	46,635				1,400	BONNEVILLE	03/25/66
COAST FORK WILLAMETTE (1966) (1,908,150) (123,944)							
BEAR CR	98,080				1,095	BONNEVILLE	03/27/67
BRICE CR	322,500				1,158	SANDY	03/20/67
COTTAGE GR. RES.	1,000,000				1,095	BONNEVILLE	03/17/67
MOSBY CR	326,320				1,095	BONNEVILLE	03/27/67
SHARPS CR		123,944			177	SANDY	06/06/67
SMITH CR	161,250				1,158	SANDY	03/20/67
COAST FORK WILLAMETTE (1967) (893,640)							
COTTAGE GR. RES.	893,640			(840)	1,145	BONNEVILLE	03/12/68
MOSBY CR				100		CASCADE	10/20/67
ROW R				340		BONNEVILLE	09/27/67
ROW R				150		BONNEVILLE	09/27/67
ROW R				150		CASCADE	10/20/67
SHARPS CR				100		CASCADE	10/20/67

APPENDIX TABLE 1. CONTINUED.

STREAM (BROOD YEAR) LOCATION	NUMBER RELEASED				FISH PER POUND	HATCHERY SOURCE	RELEASE DATE
	FRY	FINGERLING	YEARLING	ADULT			
COAST FORK WILLAMETTE (1968)	(421,023)		(64,606)		1,407	BONNEVILLE	04/09/69
BEAR CR	86,763				16	SANDY	03/31/70
BEAR CR			19,440				
MOSBY CR	334,260		45,166		1,407	BONNEVILLE	04/09/69
MOSBY CR					16	SANDY	03/31/70
COAST FORK WILLAMETTE (1969)	(406,004)		(78,560)		16	CASCADE	03/17/71
BEAR CR			18,560				
BEAR CR	75,000				1,164	BONNEVILLE	04/04/70
GETTINGS CR	75,000				1,164	BONNEVILLE	04/04/70
MOSBY CR			60,000		16	CASCADE	03/17/71
MOSBY CR	256,004				1,164	BONNEVILLE	04/04/70
COAST FORK WILLAMETTE (1970)			(70,540)		16	CASCADE	04/07/72
BEAR CR			25,740				
MOSBY CR			44,800		14	CASCADE	04/12/72
COAST FORK WILLAMETTE (1971)			(20,446)		22	BONNEVILLE	03/14/73
GETTINGS CR			20,446				
COAST FORK WILLAMETTE (1972)			(24,892)		20	SANDY	04/02/74
GETTINGS CR			24,892				
COAST FORK WILLAMETTE (1974)			(24,680)		25	CASCADE COWLITZ	04/20/76
BEAR CR			24,680				
LONG TOM (1966)	(157,033)						
BOOKER CR	26,033				1,021	NEHALEM	03/01/67
ELK CR	12,000				1,021	NEHALEM	03/01/67
HAYES CR	15,000				1,021	NEHALEM	03/01/67
MAIN STEM	104,000				1,021	NEHALEM	03/01/67

APPENDIX TABLE 1. CONTINUED.

STREAM (BROOD YEAR) LOCATION	NUMBER RELEASED			FISH PER HATCHERY SOURCE	RELEASE DATE
	FRY	FINGERLING	YEARLING		
LONG TOM (1968) FERGUSON CR			(16,330) 16,330	16 SANDY	03/30/70
LONG TOM (1969) FERGUSON CR			(17,600) 17,600	16 CASCADE	03/16/71
LONG TOM (1970) FERGUSON CR			(14,550) 14,550	14 CASCADE	04/12/72
LUCKIAMUTE (1956) MAIN STEM		(119,862) 119,862		200 SANDY	06/06-12/57
LUCKIAMUTE (1957) MAIN STEM		(70,000) 70,000		SANDY	05/20/58
LUCKIAMUTE (1958) MAIN STEM		(80,000) 80,000		SANDY	05/04/59
LUCKIAMUTE (1959) MAIN STEM		(90,646) 90,646		SANDY	05/10/60
LUCKIAMUTE (1961) MAIN STEM	(104,580) 104,580			1,162 BONNEVILLE	03/30/62
LUCKIAMUTE (1962) MAIN STEM	(400,000) 300,000			1,100 BONNEVILLE	03/20/63
NF LUCKIAMUTE R	100,000			1,100 BONNEVILLE	03/20/63
LUCKIAMUTE (1964) MAIN STEM	(392,587) 196,860			1,802 KLASKANINE	02/23/65
MAIN STEM	195,727			1,802 KLASKANINE	03/11/65

APPENDIX TABLE 1. CONTINUED.

STREAM (BROOD YEAR) LOCATION	NUMBER RELEASED				FISH PER POUND	HATCHERY SOURCE	RELEASE DATE
	FRY	FINGERLING	YEARLING	ADULT			
LUCKIAMUTE (1965)	(402,600)			(200)			
LITTLE LUCKIAMUTE R				200			
MAIN STEM	151,580				ALSEA	12/28/65	
MAYFIELD CR	30,800				CASCADE	03/31/66	
MILES CR	34,980				BONNEVILLE	03/29/66	
ROCK PIT CR	23,320				CASCADE	03/31/66	
SOAP CR	107,800				CASCADE	03/31/66	
WOLF CR	23,320				BONNEVILLE	03/29/60	
WOODS CR	30,800				CASCADE	03/31/66	
					BONNEVILLE	03/29/66	
LUCKIAMUTE (1966)	(208,679)			(190)			
MAIN STEM	40,000			190	SILETZ	12/12/66	
MAYFIELD CR	52,000				NEHALEM	02/27/67	
SOAP CR	76,679				NEHALEM	03/03/67	
TEAL CR	40,000				NEHALEM	02/27/67	
WOODS CR					NEHALEM	02/27/67	
LUCKIAMUTE (1967)	(224,729)			(659)			
BLACK ROCK CR				150	CASCADE	10/06/67	
MAIN STEM				259	BONNEVILLE	09/25/67	
MAIN STEM				250	CASCADE	10/06/67	
NO. PEEDEE CR	55,807				SILETZ	02/22/68	
PEEDEE CR	76,171				SILETZ	02/17/68	
RITNER CR	74,149				SILETZ	02/23/68	
SO. PEEDEE CR	18,602				SILETZ	02/22/68	
LUCKIAMUTE (1968)	(501,997)			(1,716)			
BOULDER CR	69,900				CASCADE	04/22/69	
LITTLE LUCKIAMUTE R				200	BIG CREEK	10/18/68	
MAIN STEM	172,500			400	CASCADE	04/22/69	
MAIN STEM				936	BIG CREEK	10/18/68	
MAIN STEM					BIG CREEK	10/17/68	
MAIN STEM					CASCADE	03/27/70	
			17,741				

APPENDIX TABLE 1. CONTINUED.

STREAM (BROOD YEAR) LOCATION	NUMBER RELEASED				FISH PER POUND	HATCHERY SOURCE	RELEASE DATE
	FRY	FINGERLING	YEARLING	ADULT			
LUCKIAMUTE (1968) (CONT)							
MAIN STEM			84,854		18	CASCADE	03/24/70
MILLER CR	92,900				1,400	CASCADE	03/26/69
PEEDEE CR			30,400	130	16	BIG CREEK	10/18/68
PEEDEE CR			31,730		17	ALSEA	04/01/70
RITNER CR				50		ALSEA	04/01/70
RITNER CR						BIG CREEK	10/18/68
RITNER CR	11,500				1,400	CASCADE	04/22/69
ROCK PIT CR	11,500				1,400	CASCADE	04/22/69
TEAL CR	86,197				1,363	SANDY	03/14/69
TEAL CR			21,120		18	CASCADE	03/26/70
WOLF CR	57,500				1,400	CASCADE	04/22/69
LUCKIAMUTE (1969)							
LITTLE LUCKIAMUTE R	(576,547)		(252,670)	(600)		BIG CREEK	11/06/69
MAIN STEM				200		SANDY	11/25/69
MAIN STEM			58,145		17	CASCADE	03/18/71
MAIN STEM			52,669		18	CASCADE	02/09/71
MAIN STEM			29,160		16	ALSEA	03/19/71
MAIN STEM	296,547				1,132	ALSEA	02/27/70
MAIN STEM				200		SANDY	11/26/69
MAIN STEM			26,989		16	ALSEA	03/18/71
MAIN STEM			14,742		16	ALSEA	03/20/71
MAYFIELD CR			30,590		1,065	CASCADE	04/13/70
PEEDEE CR	112,000				16	CASCADE	03/18/71
PRICE CR	56,000				1,065	CASCADE	04/13/70
RITNER CR			20,375		16	CASCADE	03/18/71
SOAP CR	112,000				1,065	CASCADE	04/13/70
TEAL CR			20,000		16	CASCADE	03/17/71
LUCKIAMUTE (1970)							
LITTLE LUCKIAMUTE R	(222,957)		(165,289)				
MAIN STEM	222,957		49,080		1,127	MCKENZIE	04/19/71
MAIN STEM			16,280		15M	CASCADE	03/28/72
MAIN STEM					17M	ALSEA	03/27/72

APPENDIX TABLE 1. CONTINUED.

STREAM (BROOD YEAR) LOCATION	NUMBER RELEASED				ADULT	FISH PER FOUND	HATCHERY SOURCE	RELEASE DATE
	FRY	FINGERLING	YEARLING					
LUCKIAMUTE (1970) (CONT)								
MAIN STEM			12,989		(150)	18M	ALSEA	03/28/72
MAIN STEM			12,320		150	18M	ALSEA	03/22/72
PEEDEE CR			31,280			16	CASCADE	04/03/72
PEEDEE CR			14,420			14	CASCADE	04/12/72
RITNER CR			15,424			16	CASCADE	04/03/72
TEAL CR			13,496			14	CASCADE	04/12/72
LUCKIAMUTE (1971)								
LITTLE LUCKIAMUTE R					(150)		BONNEVILLE	11/19/71
LUCKIAMUTE (1972)								
MAIN STEM	(327,117)		(20,291)		(160)	1,234	SANDY	03/27/73
MAIN STEM	230,907				160	20	BONNEVILLE	11/16/72
MAIN STEM			20,291			20	SANDY	04/08/74
MILLER CR	96,210					1,234	SANDY	03/27/73
LUCKIAMUTE (1973)								
BLACK ROCK CR					(214)		EAGLE CR. NATL.	10/31/73
LUCKIAMUTE (1974)								
MAIN STEM	(158,517)		(73,009)		(204)	25	CASCADE COWLITZ	04/20/76
MAIN STEM			49,050		204	25	EAGLE CR. NATL.	10/31/74
RITNER CR			23,959			25	CASCADE COWLITZ	04/20/76
ROCK PIT CR	158,517					309	SANDY	05/29/75
MARY'S (1958)								
TRIBS		(80,000)					SANDY	05/01/59
TRIBS		80,000						
MARY'S (1959)								
TRIBS		(108,794)					SANDY	05/06/60
TRIBS		108,794						
MARY'S (1962)								
MAIN STEM	(350,000)					1,100	KLASKANINE	03/14/63
MAIN STEM	350,000							

APPENDIX TABLE 1. CONTINUED.

STREAM (BROOD YEAR) LOCATION	NUMBER RELEASED			FISH PER POUND	HATCHERY SOURCE	RELEASE DATE
	FRY	FINGERLING	YEARLING			
MARY'S (1964)	(1,178,578)	(29,970)	(250)	1,080	BIG CREEK	02/25/65
GREASY CR	318,018			16	SANDY	03/06/66
GREASY CR		14,981	250		CASCADE	10/27/64
MAIN STEM	300,155			1,082	KLASKANINE	03/22/65
OLIVER CR	300,000			1,080	BIG CREEK	02/25/65
SHOTPOUCH CR		14,989		16	SANDY	03/06/66
WOODS CR				1,080	BIG CREEK	02/25/65
W.F. MARY'S R	260,405					
MARY'S (1965)	(608,748)		(246)	1,400	BONNEVILLE	03/29/66
BLAKESLEY CR	46,200			1,061	BIG CREEK	02/08/66
CEDAR CR	35,128			1,061	BIG CREEK	02/08/66
GREASY CR	35,124			1,400	BONNEVILLE	03/29/66
GRIFFITH CR	15,400			1,061	BIG CREEK	02/08/66
HIDE CR	52,692		246		SILETZ	12/11/65
MAIN STEM				1,400	BONNEVILLE	03/29/66
MULKEY CR	30,800			1,400	BONNEVILLE	03/29/66
N.F. ROCK CR	46,200			1,400	BONNEVILLE	03/29/66
SHOTPOUCH CR	123,200			1,400	BONNEVILLE	03/29/66
S.F. ROCK CR	30,800			1,400	BONNEVILLE	03/29/66
WESTWOOD	35,128			1,061	BIG CREEK	02/08/66
WOODS CR	70,256			1,061	BIG CREEK	02/08/66
W.F. MARY'S R	87,820			1,061	BIG CREEK	02/08/66
MARY'S (1966)	(709,276)	(127,314)	(190)	1,021	NEHALEM	03/03/67
BLAKESLEY CR	76,403			927	SILETZ	02/20-23/67
GREASY CR	150,397			985	SILETZ	02/20/67
HIDE CR	37,447		190		SILETZ	12/12/66
MAIN STEM				170	SANDY	06/01/67
MAIN STEM	55,702	127,314		960	SILETZ	02/27/67
MULKEY CR	75,461			1,006	SILETZ	02/16/67
OLIVER CR				982	SILETZ	02/23-24/67
ROCK CR	112,435					

APPENDIX TABLE 1. CONTINUED.

STREAM (BROOD YEAR) LOCATION	NUMBER RELEASED			ADULT	FISH PER POUND	HATCHERY SOURCE	RELEASE DATE
	FRY	FINGERLING	YEARLING				
MARY'S (1966) (CONT)							
SHOTPOUCH CR	149,431				977	SILETZ	02/25-26/67
WOODS CR	52,000				1,021	NEHALEM	03/03/67
MARY'S (1967)	(79,997)			(976)			
DEVITT CR	79,997				1,000	SILETZ	02/15/68
MAIN STEM				526		BONNEVILLE	09/26/67
MAIN STEM				250		CASCADE	10/10/67
OLLIVER CR				200		SILETZ	11/02/67
MARY'S (1968)	(357,061)		(152,992)				
BEAVER CR	49,248				1,363	SANDY	03/14/69
BLAKESLEY CR			19,936		18	ALSEA	04/02/70
GREASY CR	73,872				1,363	SANDY	03/14/69
MULKEY CR			19,723		16	ALSEA	04/01/70
OLLIVER CR	86,197				1,363	SANDY	03/14/69
OLLIVER CR			21,304		18	ALSEA	04/02/70
ROCK CR			29,993		18	ALSEA	04/02/70
SHOTPOUCH CR			42,313		17	ALSEA	04/01/70
SHOTPOUCH CR	98,496				1,363	SANDY	03/14/69
W.F. MARY'S R			19,723		16	ALSEA	04/02/70
W.F. MARY'S R	49,248				1,363	SANDY	03/14/69
MARY'S (1969)	(437,382)		(160,374)				
BEAVER CR	28,000				1,065	CASCADE	04/13/70
BLAKESLEY CR			14,985		19	ALSEA	03/23/71
GELATLEY CR	56,000				1,065	CASCADE	04/13/70
GREASY CR	43,382				1,100	ALSEA	03/06/70
GREASY CR	42,000				1,065	CASCADE	04/13/70
MULKEY CR			15,004		19	ALSEA	03/23/71
OLEMON CR	30,000				1,100	ALSEA	03/06/70
OLLIVER CR	98,000				1,065	CASCADE	04/13/70
OLLIVER CR			29,970		19	ALSEA	03/23/71
ROCK CR			30,100		19	ALSEA	03/22/71

APPENDIX TABLE 1. CONTINUED.

STREAM (BROOD YEAR) LOCATION	NUMBER RELEASED				FISH PER POUND	HATCHERY SOURCE	RELEASE DATE
	FRY	FINGERLING	YEARLING	ADULT			
MARY'S (1969) (CONT)							
SHOTPOUCH CR	110,000				1,100	ALSEA	03/06/70
SHOTPOUCH CR			40,330		19	ALSEA	03/22/71
SQUAW CR			10,005		15	ALSEA	03/15/71
W.F. MARY'S R	30,000				1,100	ALSEA	03/06/70
W.F. MARY'S R			19,980		19	ALSEA	03/23/71
MARY'S (1970)			(179,733)				
BLAKESLEY CR			19,824		17	ALSEA	04/04/72
MAIN STEM			20,010		15	ALSEA	04/12/72
MULKEY CR			21,172		16M	ALSEA	03/31/72
OLIVER CR			31,164		17	ALSEA	04/04/72
ROCK CR			30,810		16	ALSEA	04/05/72
SHOTPOUCH CR			35,018		16M	ALSEA	04/03/72
W.F. MARY'S R			21,735		16M	ALSEA	03/31/72
MARY'S (1971)			(19,802)				
GREASY CR			19,802		22	BONNEVILLE	03/22/73
MARY'S (1972)			(20,291)				
GREASY CR			20,291		20	SANDY	04/03/74
MARY'S (1974)			(43,954)				
ROCK CR			21,694		25	CASCADE COWLITZ	04/20/76
W.F. MARY'S R			22,260		25	CASCADE COWLITZ	04/20/76
MCKENZIE (1961)	(130,144)						
CARTWRIGHT CR	25,564				1,162	BONNEVILLE	03/29/62
MOHAWK R	79,016				1,036	BONNEVILLE	03/30/62
PARSONS CR	25,564				1,162	BONNEVILLE	03/29/62
MCKENZIE (1962)	(500,000)						
MILL CR	100,000				1,100	BONNEVILLE	03/18/63
MOHAWK R	400,000				1,100	BONNEVILLE	03/18/63

APPENDIX TABLE 1. CONTINUED.

STREAM (BROOD YEAR) LOCATION	NUMBER RELEASED				ADULT	FISH PER POUND	HATCHERY SOURCE	RELEASE DATE
	FRY	FINGERLING	YEARLING					
MCKENZIE (1963) MOHAWK R			(10,000) 10,000			17	SANDY	03/11/65
MCKENZIE (1964) CAMP CR	(500,000)		(74,552) 14,879	(1,350)		17	SANDY	03/08/66
CAMP CR			14,999			17	SANDY	03/12/66
MILL CR	200,000				1,250		BONNEVILLE	04/02/65
MILL CR			29,544		17		SANDY	03/11/66
MOHAWK R	300,000				1,250		BONNEVILLE	04/02/65
MOHAWK R			15,130		17		SANDY	03/15/66
MOHAWK R				1,350			CASCADE	10/23/64
MCKENZIE (1965) CAMP CR	(696,160)					1,050	KLASKANINE	02/18/66
CARTWRIGHT CR	85,060					1,050	KLASKANINE	02/17/66
DRURY CR	67,900					1,050	KLASKANINE	02/16/66
MCGOWEN	16,975					1,050	KLASKANINE	02/17/66
MILL CR	67,900					1,050	KLASKANINE	02/17/66
MOHAWK R	169,750					1,050	KLASKANINE	02/17/66
OWL CR	135,800					1,050	KLASKANINE	02/16/66
PARSONS CR	16,975					1,050	KLASKANINE	02/16/66
SHOTGUN CR	33,950					1,050	KLASKANINE	02/16/66
	101,850					1,050	KLASKANINE	02/16/66
MCKENZIE (1966) CARTWRIGHT CR	(278,447)	(70,048)		(450)		1,095	BONNEVILLE	03/21/67
DRURY CR	49,137					1,095	BONNEVILLE	03/21/67
MOHAWK R	49,139			150			SANDY	11/15/66
MOHAWK R					177		SANDY	06/08/67
MOHAWK R		70,048				1,095	BONNEVILLE	03/21/67
MOHAWK R	131,034			300			CASCADE	11/03/66
MOHAWK R						1,095	BONNEVILLE	03/21/67
W. SHOTGUN CR	49,137							03/21/67

APPENDIX TABLE 1. CONTINUED.

STREAM (BROOD YEAR) LOCATION	NUMBER RELEASED				ADULT	FISH PER POUND	HATCHERY SOURCE	RELEASE DATE
	FRY	FINGERLING	YEARLING					
MCKENZIE (1967)	(441,108)			(906)				
MILL CR				299		BONNEVILLE		09/23/67
MOHAWK R	441,108				1,150	CASCADE		03/20/68
MOHAWK R				307		BONNEVILLE		09/25/67
MOHAWK R				300		CASCADE		10/05/67
MCKENZIE (1968)	(382,974)		(224,453)	(500)				
CAMP CR	98,832				1,615	BONNEVILLE		04/01/69
CAMP CR			28,800		16	SANDY		03/27/70
CARTWRIGHT CR	61,770				1,615	BONNEVILLE		04/01/69
DRURY CR			22,400		16	SANDY		03/27/70
MILL CR			66,420		16	SANDY		03/30/70
MILL CR	111,186				1,615	BONNEVILLE		04/01/69
MOHAWK R	111,186				1,615	BONNEVILLE		04/01/69
MOHAWK R			48,080		16	SANDY		03/27/70
MOHAWK R				500		BONNEVILLE		09/13/68
MOHAWK R			29,160		16	SANDY		03/31/70
SHOTGUN CR			29,593		16	SANDY		03/26/70
MCKENZIE (1969)	(456,000)	(78,020)	(249,208)	(350)				
CAMP CR			30,000		16	CASCADE		03/15/71
CAMP CR	110,544				1,200	KLASKANINE		02/24/70
CLEAR LAKE		78,020			94	ALSEA		07/21/70
DRURY CR			16,480		16	CASCADE		03/15/71
MILL CR				200		BIG CREEK		11/07/69
MILL CR			56,520		16	CASCADE		03/30/71
MILL CR			28,690		15	CASCADE		03/27/71
MILL CR			16,015		17	CASCADE		03/18/71
MOHAWK R			72,479		16	CASCADE		03/19/71
MOHAWK R	234,912				1,200	KLASKANINE		02/24/70
MOHAWK R				150		BIG CREEK		11/07/69
SHOTGUN CR			29,024		16	CASCADE		03/15/71
SHOTGUN CR	110,544				1,200	KLASKANINE		02/24/70

APPENDIX TABLE 1. CONTINUED.

STREAM (BROOD YEAR) LOCATION	NUMBER RELEASED				FISH PER POUND	HATCHERY SOURCE	RELEASE DATE
	FRY	FINGERLING	YEARLING	ADULT			
MCKENZIE (1970)			(256,654)				
CAMP CR			31,104		16	CASCADE	03/31/72
DRURY CR			14,460		15	CASCADE	04/11/72
MILL CR			75,600		15	CASCADE	04/11/72
MOHAWK R			41,300		14	CASCADE	04/13/72
MOHAWK R			63,680		16	CASCADE	04/07/72
SHOTGUN CR			30,510		16	CASCADE	04/07/72
MCKENZIE (1971)			(21,272)				
CARTWRIGHT CR			21,272		21	BONNEVILLE	03/20/73
MCKENZIE (1972)			(25,216)				
CARTWRIGHT CR			25,216		20	SANDY	04/03/74
MCKENZIE (1973)			(99,764)				
MOHAWK R			50,004		18	CASCADE	04/08/75
MOHAWK R			49,760		13M	SANDY	04/07/75
MCKENZIE (1974)			(65,989)				
MILL CR			21,044		25	CASCADE COWLITZ	04/20/76
MOHAWK R			44,945		25	CASCADE COWLITZ	04/20/76
MIDDLE FORK WILLAMETTE (1955)			(80,000)				
ABOVE LOOKOUT PT			80,000			SANDY	05/14-16/56
MIDDLE FORK WILLAMETTE (1956)			(24,549)				
ABOVE LOOKOUT PT			24,549			NEHALEM	03/14/57
MIDDLE FORK WILLAMETTE (1957)			(41,942)				
BELOW DEXTER			41,942			KLASKANINE	07/09/58
BELOW DEXTER			28,094			KLASKANINE	11/08/58
BELOW DEXTER			62,222			SILETZ	11/20-21/58

APPENDIX TABLE 1. CONTINUED.

STREAM (BROOD YEAR) LOCATION	NUMBER RELEASED			FISH PER HATCHERY POUND SOURCE	RELEASE DATE
	FRY	FINGERLING	YEARLING		
MIDDLE FORK WILLAMETTE (1960) MAIN STEM	(42,559) 42,559			16 WILLAMETTE	01/16-17/62
MIDDLE FORK WILLAMETTE (1961) MAIN STEM	(93,339) 93,339			17 WILLAMETTE	02/18-19/63
MIDDLE FORK WILLAMETTE (1962) FALL CR	(350,000) 225,000			1,200 BONNEVILLE	03/25/63
LITTLE FALL CR	125,000			1,100 BONNEVILLE	03/25/63
MIDDLE FORK WILLAMETTE (1964) FALL CR	(610,000) 157,700		(30,264)	1,200 BONNEVILLE	04/22/65
HILLS CR	200,000			1,200 BONNEVILLE	03/11/65
LITTLE FALL CR	157,700			1,200 BONNEVILLE	04/22/65
LOST CR			30,264	17 SANDY	03/07/66
WINBERRY CR	94,600			1,200 BONNEVILLE	04/22/65
MIDDLE FORK WILLAMETTE (1965) ANTHONY CR	(859,448) 67,906			1,050 KLASKANINE	02/23/66
FALL CR	204,144			1,050 KLASKANINE	02/25/66
GOSAGE CR	169,760			1,050 KLASKANINE	02/23/66
GURLEY CR	33,952			1,050 KLASKANINE	02/23/66
HILLS CR	247,662			1,050 KLASKANINE	03/30/66
MIDDLE CR	33,952			1,050 KLASKANINE	02/23/66
NORTON CR	34,024			1,050 KLASKANINE	02/25/66
STURDY CR	68,048			1,050 KLASKANINE	02/25/66
MIDDLE FORK WILLAMETTE (1966) ANTHONY CR	(840,613) 39,000		(499)	1,021 NEHALEM	03/02/67
FALL CR	202,500			1,110 SANDY	02/20/67
GURLEY CR	50,000			1,021 NEHALEM	03/02/67
HILLS CR	160,000			1,021 NEHALEM	02/28/67
LITTLE FALL CR			357	CASCADE	11/04/66

APPENDIX TABLE 1. CONTINUED.

STREAM (BROOD YEAR) LOCATION	NUMBER RELEASED				FISH PER POUND	HATCHERY SOURCE	RELEASE DATE
	FRY	FINGERLING	YEARLING	ADULT			
MIDDLE FORK WILLAMETTE (1966) (CONT)							
LITTLE FALL CR				142		BONNEVILLE	10/27/66
LOST CR	105,613				1,021	NEHALEM	03/02/67
PORTLAND CR	108,000				1,110	SANDY	02/20/67
WINBERRY CR	175,500				1,110	SANDY	02/20/67
MIDDLE FORK WILLAMETTE (1967)				(840)			
FALL CR				200		SILETZ	10/31/67
FALL CR				100		BONNEVILLE	10/10/67
LITTLE FALL CR				240		BONNEVILLE	09/23/67
LOST CR				300		CASCADE	10/10/67
MIDDLE FORK WILLAMETTE (1968)			(48,600)				
LITTLE FALL CR			48,600		16	SANDY	03/31/70
NORTON CR	29,727				1,363	SANDY	03/21/69
STURDY CR	317,082				1,363	SANDY	03/21/69
MIDDLE FORK WILLAMETTE (1969)			(47,497)				
HILLS CR				(306)	1,100	CASCADE	04/06/70
LITTLE FALL CR				306		BONNEVILLE	11/18/69
LITTLE FALL CR			14,580		16	ALSEA	03/19/71
LITTLE FALL CR			16,732		18	CASCADE	02/08/71
LITTLE FALL CR			16,185		17	CASCADE	03/19/71
LOST CR	244,580				1,065	CASCADE	04/08/70
MIDDLE FORK WILLAMETTE (1970)			(27,132)				
LITTLE FALL CR			14,460		15M	CASCADE	03/28/72
LITTLE FALL CR			12,672		18M	ALSEA	03/22/72
LITTLE FALL CR					1,127	MCKENZIE	02/19/71
MIDDLE FORK WILLAMETTE (1971)			(89,830)				
HILLS CR			19,249		21	BONNEVILLE	03/14/73
LITTLE FALL CR				400		BONNEVILLE	11/22/71
LOST CR			70,581		21	BONNEVILLE	03/19/73

APPENDIX TABLE 1. CONTINUED.

STREAM (BROOD YEAR) LOCATION	NUMBER RELEASED			FISH PER HATCHERY POUND SOURCE	RELEASE DATE
	FRY	FINGERLING	YEARLING		
MIDDLE FORK WILLAMETTE (1972) LITTLE FALL CR				(158) SANDY 158	11/20/72
MIDDLE FORK WILLAMETTE (1973) LITTLE FALL CR	(258,366) 258,366			1,174 SANDY	03/18/74
MIDDLE FORK WILLAMETTE (1974) LOST CR			(22,074) 22,074	25 CASCADE COWLITZ	04/20/76
MOLALLA (1951) MAIN STEM		(50,000) 50,000		BONNEVILLE	06/23/52
MOLALLA (1953) MILK CR MILK CR		(50,000) 25,000 25,000		SANDY SANDY	06/02-04/54 10/08-22/54
MOLALLA (1954) MILK CR MILK CR		(6,000) 6,000	(5,000) 5,000	40 SANDY 110 SANDY	10/09/55 07/07/55
MOLALLA (1955) MILK CR			(25,000) 25,000	25 SANDY	02/07/57
MOLALLA (1956) MILK CR		(50,000) 50,000		240 SANDY	05/30/57
MOLALLA (1957) MILK CR		(39,520) 39,520		BIG CREEK	05/23/58
MOLALLA (1961) CANYON CR COUGAR CR MAIN STEM	(117,356) 17,000 20,217 43,840			919 SANDY 919 SANDY 918 SANDY	04/02/62 04/05/62 04/17/62

APPENDIX TABLE 1. CONTINUED.

STREAM (BROOD YEAR) LOCATION	NUMBER RELEASED			FISH PER POUND	HATCHERY SOURCE	RELEASE DATE
	FRY	FINGERLING	YEARLING			
MOLALLA (1961) (CONT)						
NATE CR	17,000			919	SANDY	04/02/62
TROUT CR	19,299			919	SANDY	04/05/62
MOLALLA (1962)	(324,329)					
CANYON CR	49,165			1,092	SANDY	03/18/63
COUGAR CR	49,500			1,100	SANDY	03/19/63
GAWLEY CR	50,000			1,100	SANDY	03/19/63
NATE CR	49,164			1,092	SANDY	03/18/63
PINE CR	77,000			1,100	SANDY	03/19/63
TROUT CR	49,500			1,100	SANDY	03/19/63
MOLALLA (1963)			(19,720)			
N.F. MOLALLA R			19,720	17	SANDY	03/11/65
MOLALLA (1964)	(400,000)		(1,500)			
MAIN STEM	259,000			1,200	BONNEVILLE	04/19/65
MAIN STEM			1,500		CASCADE	10/23/64
MILK CR	141,000			1,200	BONNEVILLE	04/19/65
MOLALLA (1965)	(851,795)					
CANYON CR	59,118			1,450	BONNEVILLE	04/11/66
COPPER CR	44,349			1,450	BONNEVILLE	04/11/66
COUGAR CR	89,562			1,450	BONNEVILLE	04/07/66
DEADHORSE CANYON	44,771			1,450	BONNEVILLE	04/07/66
LUKENS CR	74,635			1,450	BONNEVILLE	04/07/66
MAIN STEM	103,481			1,450	BONNEVILLE	04/11/66
N.F. MOLALLA R	179,124			1,450	BONNEVILLE	04/07/66
PINE CR	64,000			1,280	CASCADE	04/11/66
TABLE ROCK FORK	133,047			1,450	BONNEVILLE	04/11/66
WOODCOCK CR	59,708			1,450	BONNEVILLE	04/07/66
MOLALLA (1966)	(471,804)	(127,672)	(519)			
CANYON CR	126,640			1,100	SANDY	02/24/67

APPENDIX TABLE 1. CONTINUED.

STREAM (BROOD YEAR) LOCATION	NUMBER RELEASED				ADULT	FISH PER FOUND	HATCHERY SOURCE	RELEASE DATE
	FRY	FINGERLING	YEARLING					
MOLALLA (1966) (CONT)								
MAIN STEM		127,672			134	179	SANDY	06/02/67
N.F. MOLALLA R					160		BONNEVILLE	10/25/66
N.F. MOLALLA R						970	BIG CREEK	11/03/66
ROCK CR	168,394				100		TRASK	03/09/67
TABLE ROCK FORK					125		BIG CREEK	11/03/66
TABLE ROCK FORK						1,100	BIG CREEK	11/04/66
TROUT CR	144,630					1,100	SANDY	02/24/67
WOODCOCK CR	32,140					1,100	SANDY	02/24/67
MOLALLA (1967)					(722)			
CANYON CR	(863,870)					1,160	SANDY	03/09/68
DEADHORSE CANYON	134,844					1,160	SANDY	03/09/68
MAIN STEM	188,790					1,180	SANDY	02/20/68
MAIN STEM	312,033				352		BONNEVILLE	09/22/67
MAIN STEM					370		BONNEVILLE	09/25/67
MAIN STEM	88,920					1,145	BONNEVILLE	03/19/67
MAIN STEM	121,856					1,160	SANDY	03/10/68
MILK CR	17,427					1,160	SANDY	03/10/68
NATE CR								
MOLALLA (1968)					(946)			
DEADHORSE CANYON	(921,558)					1,407	BONNEVILLE	04/16/68
LUKENS CR	123,620		(249,490)		150		BONNEVILLE	09/06/68
MAIN STEM		94,010				119	SANDY	07/10/69
MAIN STEM		155,480				83	BIG CREEK	07/09/69
MAIN STEM					150		BONNEVILLE	09/13/68
MAIN STEM	405,000					1,363	SANDY	04/04/69
MAIN STEM					144		BONNEVILLE	09/09/68
MAIN STEM					200		BONNEVILLE	09/13/68
MAIN STEM						1,407	BONNEVILLE	04/17/69
MILL CR	96,264					1,407	BONNEVILLE	04/16/69
N.F. MOLALLA R	296,674				302		BONNEVILLE	09/06/68
PINE CR							BONNEVILLE	

APPENDIX TABLE 1. CONTINUED.

STREAM (BROOD YEAR) LOCATION	NUMBER RELEASED				ADULT	FISH PER POUND	HATCHERY SOURCE	RELEASE DATE
	FRY	FINGERLING	YEARLING					
MOLALLA (1969)				(601)				
MAIN STEM				150		BONNEVILLE	09/26/69	
N.F. MOLALLA R				150		BIG CREEK	11/13/69	
N.F. MOLALLA R				150		BIG CREEK	11/13/69	
TABLE ROCK FORK				151		SANDY	10/03/69	
MOLALLA (1971)			(288,614)					
CAMP CR			126,954		21	BONNEVILLE	03/16/73	
CANYON CR			23,521		22	BONNEVILLE	03/22/73	
MAIN STEM			120,364		22	BONNEVILLE	03/13/73	
MILK CR			17,775		19	BONNEVILLE	03/16/73	
MOLALLA (1972)	(306,696)	(173,888)	(316,389)					
CANYON CR			19,990		20	SANDY	03/29/74	
COPPER CR			100,144		22M	CASCADE	03/26/74	
COPPER CR			42,447		20M	SANDY	03/29/74	
COPPER CR			76,706		23	BONNEVILLE	03/21/74	
MAIN STEM	306,696				1,271	SANDY	03/21/73	
MAIN STEM		173,888			176	CASCADE	06/28/73	
MILK CR			20,972		20	SANDY	03/29/74	
TABLE ROCK FORK			15,249		20M	SANDY	03/29/74	
TABLE ROCK FORK			40,881		20M	SANDY	03/29/74	
MOLALLA (1974)			(25,690)					
MILK CR			25,690		25	CASCADE	04/20/76	
NORTH SANTIAM (1961)	(194,054)							
MAIN STEM	194,054				1,162	BONNEVILLE	03/30/62	
NORTH SANTIAM (1962)	(384,448)							
BIG CLIFF DAM	384,448				1,350	BONNEVILLE	05/06/63	

APPENDIX TABLE 1. CONTINUED.

STREAM (BROOD YEAR) LOCATION	NUMBER RELEASED			FISH PER POUND	HATCHERY SOURCE	RELEASE DATE
	FRY	FINGERLING	YEARLING			
NORTH SANTIAM (1964) SCOTT'S CR	(45,714) 45,714			57	CASCADE	08/09/65
NORTH SANTIAM (1965) ROCK CR	(260,675) 57,924			1,061	BIG CREEK	02/11/66
STOUT CR	130,329			1,061	BIG CREEK	02/11/66
VALENTINE	72,422			1,061	BIG CREEK	02/11/66
NORTH SANTIAM (1966) STOUT CR	(265,735) 55,940			1,200	BONNEVILLE	01/28/67
UPPER ROCK CR	167,840			1,200	BONNEVILLE	02/28/67
VALENTINE	41,955			1,200	BONNEVILLE	02/28/67
NORTH SANTIAM (1967) ROCK CR	(310,887) 97,700			1,126	SANDY	03/06/68
STOUT CR	177,727			1,126	SANDY	03/06/68
VALENTINE	35,460			1,126	SANDY	03/06/68
NORTH SANTIAM (1968) MAIN STEM	(461,316) 398,400			1,400	CASCADE	04/11/69
STOUT CR	31,458			1,363	SANDY	03/04/69
VALENTINE	31,458			1,363	SANDY	03/04/69
NORTH SANTIAM (1969) ROCK CR	(221,436) 61,510			1,260	SANDY	02/26/70
STOUT CR	123,020			1,260	SANDY	02/26/70
VALENTINE	36,906			1,260	SANDY	02/26/70
NORTH SANTIAM (1971) MAD CR	(40,405) 20,124			22	BONNEVILLE	03/21/73
ROCK CR	20,281			21	BONNEVILLE	03/21/73

APPENDIX TABLE 1. CONTINUED.

STREAM (BROOD YEAR) LOCATION	NUMBER RELEASED				FISH PER FOUND	HATCHERY SOURCE	RELEASE DATE
	FRY	FINGERLING	YEARLING	ADULT			
NORTH SANTIAM (1972)			(38,447)				
MAD CR			20,580		20	SANDY	04/02/74
ROCK CR			17,867		19	SANDY	04/01/74
NORTH YAMHILL (1961)							
CEDAR CR	(300,000)				1,162	BONNEVILLE	03/26/62
NORTH YAMHILL (1962)							
FAIRCHILD CR	(291,886)				1,200	SANDY	04/09/63
KUTCH CR	100,000				1,200	SANDY	04/09/63
TURNER CR	91,886				1,200	SANDY	04/09/63
NORTH YAMHILL (1963)							
PANTHER CR			(10,060)		20	SANDY	03/08/65
			10,060				
NORTH YAMHILL (1964)							
BAKER CR		(100,031)	(29,321)	(300)	62	CASCADE	08/10/65
MAIN STEM		50,747		300		CASCADE	10/23/64
MAIN STEM			15,093		17	SANDY	03/10/66
MAIN STEM			14,228		16	SANDY	03/02/66
PANTHER CR		49,284			62	CASCADE	08/10/65
NORTH YAMHILL (1965)							
BAKER CR	(308,628)			(817)			
MAIN STEM	154,314			200	1,050	KLASKANINE	02/24/66
MAIN STEM				200		SANDY	11/19/65
MAIN STEM				117		SANDY	11/20/65
MAIN STEM				120		ALSEA	12/29/65
MAIN STEM						SANDY	11/17/65
PANTHER CR	154,314				1,050	KLASKANINE	02/24/66
TURNER CR				180		SANDY	11/18/65
NORTH YAMHILL (1966)							
MAIN STEM	(193,502)	(140,196)			199	SANDY	05/31/67
		140,196					

APPENDIX TABLE 1. CONTINUED.

STREAM (BROOD YEAR) LOCATION	NUMBER RELEASED				FISH PER FOUND	HATCHERY SOURCE	RELEASE DATE
	FRY	FINGERLING	YEARLING	ADULT			
NORTH YAMHILL (1966) (CONT) MAIN STEM	193,502				970	TRASK	02/17/67
NORTH YAMHILL (1967) BAKER CR		(706)				SILETZ	11/02/67
HASKENS CR		150				SILETZ	10/31/67
MAIN STEM		150				KLASKANINE	10/09/67
TURNER CR		249				KLASKANINE	10/18/67
NORTH YAMHILL (1968) MAIN STEM		(86,115)		(226)	17	KLASKANINE	03/17/70
MAIN STEM		38,478		226		BONNEVILLE	09/20/68
MAIN STEM		28,440			16	KLASKANINE	03/20/70
TURNER CR		19,197			16	KLASKANINE	03/19/70
NORTH YAMHILL (1969) BAKER CR	(98,080)			(429)	1,248	SANDY	03/24/70
MAIN STEM	98,080			429		BIG CREEK	11/13/69
MAIN STEM		60,640			16	CASCADE	03/16/71
TURNER CR		24,640			16	CASCADE	03/16/71
NORTH YAMHILL (1970) FAIRCHILD CR		(86,258)			16	CASCADE	04/10/72
TURNER CR		61,458			16	CASCADE	04/10/72
		24,800					
NORTH YAMHILL (1974) MAIN STEM		(55,010)			25	CASCADE	04/20/76
TURNER CR		29,920			25	CASCADE	04/20/76
		25,090					
PUDDING (1957) ABIQUA CR	(104,000)					SANDY	08/20-22/58
BUTTE CR	52,000					SANDY	08/20-22/58
	52,000						

APPENDIX TABLE 1. CONTINUED.

STREAM (BROOD YEAR) LOCATION	NUMBER RELEASED				FISH PER POUND	HATCHERY SOURCE	RELEASE DATE
	FRY	FINGERLING	YEARLING	ADULT			
PUDDING (1958) SILVER CR	(43,840) 43,840	(30,000) 30,000				SANDY	04/30/59
PUDDING (1961) BUTTE CR	(43,840) 43,840				918	SANDY	04/16/62
PUDDING (1962) ABIQUA CR	(361,920) 98,460				1,325	CASCADE	03/28/63
BUTTE CR	98,460				1,325	CASCADE	03/29/63
N.F. SILVER CR	82,500				1,325	CASCADE	03/29/63
S.F. SILVER CR	82,500				1,325	CASCADE	03/29/63
PUDDING (1964) ABIQUA CR		(231,295)	(14,116)	(523)	16	SANDY	03/02/66
ABIQUA CR			14,116		80	BONNEVILLE	08/04/65
BUTTE CR		120,800			140	KLASKANINE	06/02/65
BUTTE CR		50,400		162		SANDY	11/12/64
BUTTE CR				161		SANDY	11/27/64
BUTTE CR				200		SANDY	11/21/64
SILVER CR		60,095			85	BONNEVILLE	08/03/65
PUDDING (1965) ABIQUA CR	(910,674) 169,432				1,061	BIG CREEK	02/08/66
BUTTE CR	90,000				1,154	SANDY	03/15/66
E.F. DRIFT CR	69,890				1,061	BIG CREEK	02/10/66
N.F. SILVER CR	63,537				1,061	BIG CREEK	02/09/66
POWERS CR	84,716				1,061	BIG CREEK	02/09/66
ROCK CR	187,821				1,100	OXBOW	02/07/66
S.F. SILVER CR	111,824				1,061	BIG CREEK	02/10/66
S.F. SILVER CR	63,549				1,061	BIG CREEK	02/09/66
W.F. DRIFT CR	69,905				1,061	BIG CREEK	02/10/66

APPENDIX TABLE 1. CONTINUED.

STREAM (BROOD YEAR) LOCATION	NUMBER RELEASED				FISH PER POUND	HATCHERY SOURCE	RELEASE DATE
	FRY	FINGERLING	YEARLING	ADULT			
PUDDING (1966)				(488)			
ABIQUA CR	(220,000)	(141,141)			199	SANDY	05/29/67
BUTTE CR		141,141		150		CASCADE	11/03/66
BUTTE CR				138		BONNEVILLE	10/26/66
BUTTE CR					1,054	CASCADE	03/29/67
N.F. SILVER CR	220,000			75		BIG CREEK	11/02/66
S.F. SILVER CR				125		BIG CREEK	11/02/66
PUDDING (1967)				(492)			
ABIQUA CR	(341,203)			162		SANDY	11/03/67
ABIQUA CR				180		SANDY	10/25/67
BUTTE CR				150		CASCADE	10/06/67
N.F. SILVER CR	113,736				1,126	SANDY	03/08/68
POWERS CR	113,736				1,126	SANDY	03/08/68
SMITH CR	56,906				1,126	SANDY	03/08/68
S.F. SILVER CR	56,825				1,126	SANDY	03/08/68
PUDDING (1968)				(632)			
ABIQUA CR	(711,824)		(120,602)		16	SANDY	03/26/70
ABIQUA CR			47,795	126		CASCADE	10/16/68
ABIQUA CR				240		BONNEVILLE	09/19/68
BUTTE CR				140		BONNEVILLE	09/20/68
BUTTE CR	204,560				1,407	BONNEVILLE	04/17/69
COAL CR	96,264				1,407	BONNEVILLE	04/17/69
DRIFT CR			26,307		16	SANDY	03/25/70
E.F. DRIFT CR	22,856				1,400	CASCADE	04/16/69
N.F. SILVER CR	114,160				1,400	CASCADE	04/16/69
POWERS CR	68,496				1,400	CASCADE	04/16/69
SILVER CR				126		CASCADE	10/16/68
SILVER CR			46,500		16	KLASKANINE	03/18/70
SNUFF CR	91,328				1,400	CASCADE	04/16/69
S.F. SILVER CR	114,160				1,400	CASCADE	04/16/69

APPENDIX TABLE 1. CONTINUED.

STREAM (BROOD YEAR) LOCATION	NUMBER RELEASED		ADULT	FISH PER FOUND	HATCHERY SOURCE	RELEASE DATE
	FRY	FINGERLING				
PUDDING (1969)	(222,500)	(128,055)	(750)			
ABIQUA CR		15,177		18	CASCADE	02/08/71
ABIQUA CR		9,386		17	CASCADE	03/19/71
ABIQUA CR		14,985		16	ALSEA	03/19/71
ABIQUA CR			150		SANDY	10/07/69
BUTTE CR			200		BIG CREEK	11/10/69
BUTTE CR			150		BIG CREEK	11/10/69
DRIFT CR		24,640		16	CASCADE	03/15/71
DRIFT CR				1,100	CASCADE	03/02/70
MILL CR	74,167	15,067		18	CASCADE	02/08/71
N.F. SILVER CR	74,167			1,100	CASCADE	03/02/70
POWERS CR	74,166			1,100	CASCADE	03/02/70
SILVER CR		48,800		16	CASCADE	03/15/71
SILVER CR			100		BIG CREEK	11/06/69
SMITH CR			150		BIG CREEK	11/10/69
PUDDING (1970)	(307,638)	(93,315)	(360)			
ABIQUA CR		12,144		18	ALSEA	03/24/72
ABIQUA CR		13,815		15M	CASCADE	03/29/72
ABIQUA CR				1,127	MCKENZIE	02/23/71
BUTTE CR	307,638		160		SANDY	11/04/70
BUTTE CR			200		SANDY	09/22/70
DRIFT CR		13,496		14	CASCADE	04/13/72
SILVER CR		44,800		16	CASCADE	04/03/72
SILVER CR		9,060		15M	CASCADE	04/03/72
PUDDING (1971)	(512,512)	(450)	(450)			
ABIQUA CR			150		BIG CREEK	11/10/71
BUTTE CR			150		BIG CREEK	11/10/71
BUTTE CR			150		BONNEVILLE	11/16/71
N.F. SILVER CR	199,304			1,222	KLASKANINE	02/10/72
POWERS CR	71,180			1,222	KLASKANINE	02/10/72
SMITH CR	113,888			1,222	KLASKANINE	02/10/72

APPENDIX TABLE 1. CONTINUED.

STREAM (BROOD YEAR) LOCATION	NUMBER RELEASED				FISH PER POUND	HATCHERY SOURCE	RELEASE DATE
	FRY	FINGERLING	YEARLING	ADULT			
PUDDING (1971) (CONT) S.F. SILVER CR	128,140			(310)	1,222	KLASKANINE	02/10/72
PUDDING (1972) ABIQUA CR	(785,106)			150		BONNEVILLE	11/16/72
BUTTE CR	381,906			160	1,271	SANDY	03/20/73
BUTTE CR						SANDY	11/24/72
N.F. SILVER CR	134,400				1,234	SANDY	03/26/73
SMITH CR	268,800				1,234	SANDY	03/26/73
PUDDING (1973) BUTTE CR				(171)		EAGLE CR. NATL.	10/31/73
PUDDING (1974) ABIQUA CR	(290,446)	(54,921)	(15,314)				
ABIQUA CR	150,792				309	SANDY	05/30/75
BUTTE CR		54,921	15,314		25	CASCADE	04/20/76
SILVERTON RES	128,134				119	BIG CREEK	06/07/75
SILVERTON RES	11,520				942	BIG CREEK	02/14/75
PUDDING (1976) SILVER CR	(270,389)				1,164	BIG CREEK	02/14/75
	270,389						
RICKREALL (1964) RICKEREALL CR	(304,872)				1,028	SANDY	03/22/77
	304,872						
RICKREALL (1965) RICKEREALL CR	(250,596)				1,082	KLASKANINE	03/09/65
	250,596						
RICKREALL (1966) RICKEREALL CR				(300)			
RICKEREALL CR				120		BONNEVILLE	11/16/66
RICKEREALL CR				150		BONNEVILLE	11/15/66
ROCKHOUSE CR				30		BONNEVILLE	11/16/66

APPENDIX TABLE 1. CONTINUED.

STREAM (BROOD YEAR) LOCATION	NUMBER RELEASED			ADULT	FISH PER POUND	HATCHERY SOURCE	RELEASE DATE
	FRY	FINGERLING	YEARLING				
RICKREALL (1967)	(152,667)			(150)			
RICKEREALL CR	38,145			150	1,000	SILETZ	02/21/68
RICKEREALL CR	76,522				1,000	SILETZ	02/16/68
ROCKHOUSE CR	38,000				1,000	SILETZ	02/21/68
RICKREALL (1968)				(150)			
RICKEREALL CR				150		BIG CREEK	10/18/68
RICKREALL (1969)				(610)			
RICKEREALL CR				610		BIG CREEK	10/31/69
RICKREALL (1970)				(150)			
RICKEREALL CR				150		SANDY	09/23/70
RICKREALL (1971)				(150)			
MAIN STEM				150		BIG CREEK	10/28/71
RICKREALL (1972)				(164)			
RICKEREALL CR				164		SANDY	12/04/72
RICKREALL (1973)				(152)			
RICKEREALL CR				152		BONNEVILLE	11/07/73
RICKREALL (1974)	(92,300)						
RICKEREALL RES	92,300				142	ELK R	06/03/75
RICKREALL (1976)	(161,250)						
RICKEREALL CR	161,250				1,250	CASCADE COWLITZ	03/04/77
SOUTH SANTIAM (1957)	(44,340)						
THOMAS CR	44,340					SANDY	08/21-22/58

APPENDIX TABLE 1. CONTINUED.

STREAM (BROOD YEAR) LOCATION	NUMBER RELEASED				FISH PER POUND	HATCHERY SOURCE	RELEASE DATE
	FRY	FINGERLING	YEARLING	ADULT			
SOUTH SANTIAM (1958) THOMAS CR		(46,000) 46,000				SANDY	04/30/59
SOUTH SANTIAM (1959) THOMAS CR		(77,759) 77,759		302	302	SANDY	05/11/60
SOUTH SANTIAM (1960) LITTLE WILEY CR		(100,913) 10,733		102	102	SANDY	07/15/61
LITTLE WILEY CR		10,000		302	302	SANDY	05/11/61
WILEY CR		15,000		102	102	SANDY	07/15/61
WILEY CR		65,180		302	302	SANDY	05/11/61
SOUTH SANTIAM (1962) CANYON CR	(850,000)				1,100	BONNEVILLE	03/14/63
CRABTREE CR	100,000				1,100	BONNEVILLE	03/15/63
HAMILTON CR	100,000				1,100	BONNEVILLE	03/15/63
LITTLE WILEY CR	50,000				1,100	BONNEVILLE	03/14/63
NEAL CR	16,250				1,100	BONNEVILLE	03/15/63
SHEEP CR	100,000				1,100	BONNEVILLE	03/14/63
SODA CR	50,000				1,100	BONNEVILLE	03/14/63
S.F. CRABTREE CR	50,000				1,100	BONNEVILLE	03/15/63
THOMAS CR	83,750				1,100	BONNEVILLE	03/15/63
WILEY CR	200,000				1,100	BONNEVILLE	03/14/63
SOUTH SANTIAM (1963) CANYON CR			(68,998)		17	SANDY	03/10/65
CRABTREE CR			10,003		17	SANDY	03/10/65
HAMILTON CR			9,445		17	SANDY	03/19/65
THOMAS CR			30,107		17	SANDY	03/10/65
WILEY CR			9,447		17	SANDY	03/10/65
			9,996		17	SANDY	03/09/65
SOUTH SANTIAM (1964) CANYON CR	(696,850) 174,240	(375,168)	(74,759)	(1,400)	1,210	CASCADE	04/22/65

APPENDIX TABLE 1. CONTINUED.

STREAM (BROOD YEAR) LOCATION	NUMBER RELEASED				FISH PER FOUND	HATCHERY SOURCE	RELEASE DATE
	FRY	FINGERLING	YEARLING	ADULT			
SOUTH SANTIAM (1964) (CONT)							
CANYON CR		53,827			62	CASCADE	08/10/65
CRABTREE CR	174,130				1,210	CASCADE	04/22/65
CRABTREE CR			1,400			CASCADE	10/20/64
CRABTREE CR			15,109		17	SANDY	03/14/66
HAMILTON CR			15,049		17	SANDY	03/08/66
HAMILTON CR		60,560			80	BONNEVILLE	08/05/65
JORDAN CR			29,490		16	SANDY	03/14/66
MAIN STEM		50,400			140	KLASKANINE	06/04/65
MCDOWELL CR		46,951			57	CASCADE	07/17/65
MCDOWELL CR			15,111		15	SANDY	03/05/66
OWL CR		54,725			62	CASCADE	08/11/65
THOMAS CR	174,240				1,210	CASCADE	04/22/65
THOMAS CR		60,480			80	BONNEVILLE	08/05/65
WILEY CR	174,240				1,210	CASCADE	04/21/65
WILEY CR		48,225			75	BONNEVILLE	08/12/65
SOUTH SANTIAM (1965)							
AMES CR	(1,359,146)						
CANYON CR	90,000				1,450	BONNEVILLE	04/06/66
CRABTREE CR	93,980				1,061	BIG CREEK	02/14/66
CRABTREE CR	90,000				1,154	SANDY	03/15/66
DOBBINS CR	105,000				1,450	BONNEVILLE	04/06/66
HAMILTON CR	101,826				1,050	KLASKANINE	02/21/66
JORDAN CR	48,640				1,100	AXBOW	02/10/66
LITTLE WILEY CR	93,966				1,061	BIG CREEK	02/14/66
MAIN STEM	45,000				1,450	BONNEVILLE	04/06/66
MCDOWELL CR	135,768				1,050	KLASKANINE	02/21/66
NEAL CR	75,328				1,100	AXBOW	02/10/66
N.F. NEAL CR	34,678				1,100	AXBOW	02/10/66
OWL CR	93,966				1,061	BIG CREEK	02/14/66
SCOTT CR	67,884				1,050	KLASKANINE	02/21/66
SHEEP CR	30,000				1,450	BONNEVILLE	04/06/66
THOMAS CR	73,110				1,100	AXBOW	02/10/66
WILEY CR	180,000				1,450	BONNEVILLE	04/06/66

APPENDIX TABLE 1. CONTINUED.

STREAM (BROOD YEAR) LOCATION	NUMBER RELEASED			FISH PER POUND	HATCHERY SOURCE	RELEASE DATE
	FRY	FINGERLING	YEARLING			
SOUTH SANTIAM (1966)	(3,274,318)			(857)		
DEER CR	62,880				1,085 KLASKANINE	02/15/67
DOBBSINS CR	41,920				1,085 KLASKANINE	02/15/67
FALLS CR	41,920				1,085 KLASKANINE	02/15/67
HAMILTON CR	444,288				996 BIG CREEK	02/27/67
LITTLE LUCKIAMUTE R	158,406				1,158 SANDY	03/24/67
LONGHORN CAMP	83,840				1,085 KLASKANINE	02/15/67
MAIN STEM	146,720			150	1,085 KLASKANINE	02/15/67
MAIN STEM					BIG CREEK	11/22/66
MAIN STEM	1,759,558				1,085 KLASKANINE	02/17-28/67
MOOSE CR	20,960				1,085 KLASKANINE	02/15/67
N.F. CRABTREE CR				300	CASCADE	11/02/66
OWL CR				113	BONNEVILLE	10/28/66
QUARTZVILLE CR	157,500				1,158 SANDY	03/24/67
SHEEP CR	83,846				1,085 KLASKANINE	02/15/67
THOMAS CR				150	CASCADE	11/01/66
THOMAS CR				144	CASCADE	11/02/66
TROUT CR	83,840				1,085 KLASKANINE	02/15/67
UPPER SODA CR	104,800				1,085 KLASKANINE	02/15/67
WOLF CR	83,840				1,085 KLASKANINE	02/15/67
SOUTH SANTIAM (1967)	(2,075,186)			(1,808)		
CRABTREE CR				282	BONNEVILLE	09/22/67
FOSTER RESERVOIR				202	BONNEVILLE	09/27/67
HAMILTON CR	442,541				CASCADE	03/19/68
MAIN STEM	258,000				1,150 CASCADE	03/19/68
MAIN STEM	744,660				1,060 KLASKANINE	03/04/68
MAIN STEM	263,000				1,145 BONNEVILLE	03/11/68
MAIN STEM				350	1,100 KLASKANINE	03/04/68
MAIN STEM				300	CASCADE	10/18/67
MAIN STEM					BONNEVILLE	09/23/67
MAIN STEM	366,985				SANDY	03/06/68
MOOSE CR				172	CASCADE	10/05/67
OWL CR				150	CASCADE	10/05/67

APPENDIX TABLE 1. CONTINUED.

STREAM (BROOD YEAR) LOCATION	NUMBER RELEASED				ADULT	FISH PER FOUND	HATCHERY SOURCE	RELEASE DATE
	FRY	FINGERLING	YEARLING					
SOUTH SANTIAM (1967) (CONT)								
THOMAS CR				202		CASCADE	10/09/67	
WILEY CR				150		CASCADE	10/09/67	
SOUTH SANTIAM (1968)	(1,097,177)	(206,154)	(1,764)					
AMES CR	37,200				1,350	BONNEVILLE	03/18/69	
CRABTREE CR	188,758				1,363	SANDY	03/04/69	
CRABTREE CR		50,750			18	CASCADE	03/23/70	
CRABTREE CR		30,800			18	CASCADE	03/26/70	
FOSTER RESERVOIR				140		BONNEVILLE	09/11/68	
FOSTER RESERVOIR				150		BONNEVILLE	09/12/68	
HAMILTON CR		30,450			18	CASCADE	03/23/70	
HAMILTON CR	195,500				1,630	BONNEVILLE	03/25/69	
JORDAN CR		20,234			16	SANDY	03/30/70	
MAIN STEM				244		BONNEVILLE	09/10/68	
MAIN STEM	210,814				1,350	BONNEVILLE	03/18/69	
MAIN STEM				740		BONNEVILLE	09/12/68	
MAIN STEM				200		BIG CREEK	10/22/68	
MC DOWELL CR	195,505				1,630	BONNEVILLE	03/25/69	
MOOSE CR				290		BONNEVILLE	09/10/68	
SHEEP CR	24,800				1,350	BONNEVILLE	03/18/69	
THOMAS CR		73,920			18	BIG CREEK	03/16/70	
THOMAS CR	120,600				1,400	CASCADE	04/25/69	
WILEY CR	124,000				1,350	BONNEVILLE	03/18/69	
SOUTH SANTIAM (1969)	(799,515)	(218,278)	(740)					
BURMEISTER CR	71,090				1,065	CASCADE	04/07/70	
CANYON CR				140		BIG CREEK	11/06/69	
CRABTREE CR				200		BIG CREEK	11/10/69	
CRABTREE CR		47,969			16	CASCADE	03/29/71	
CRABTREE CR		29,712			16	CASCADE	03/17/71	
HAMILTON CR		29,280			16	CASCADE	03/16/71	
JORDAN CR		30,200			15	CASCADE	03/26/71	
MAIN STEM				200		BIG CREEK	11/06/69	

APPENDIX TABLE 1. CONTINUED.

STREAM (BROOD YEAR) LOCATION	NUMBER RELEASED				FISH PER FOUND	HATCHERY SOURCE	RELEASE DATE
	FRY	FINGERLING	YEARLING	ADULT			
SOUTH SANTIAM (1969) (CONT)							
MCDOWELL CR	150,000			200	1,164	BONNEVILLE	04/01/70
MOOSE CR						BONNEVILLE	09/23/69
NEAL CR	106,636				1,065	CASCADE	04/07/70
NEAL CR	47,394				1,065	CASCADE	04/07/70
THOMAS CR			19,177		15	CASCADE	03/26/71
THOMAS CR	165,880				1,065	CASCADE	04/07/70
THOMAS CR			61,940		16	CASCADE	03/19/71
WILEY CR	258,515				1,164	BONNEVILLE	04/01/70
SOUTH SANTIAM (1970)							
BRUSH CR			(218,412)				
CRABTREE CR			15,054		16	CASCADE	04/06/72
HAMILTON CR			80,843		15	CASCADE	04/05/72
JORDAN CR			29,709		16	CASCADE	04/06/72
THOMAS CR			15,500		16	CASCADE	04/04/72
			77,306		15	CASCADE	04/04/72
SOUTH SANTIAM (1971)							
LITTLE WILEY CR			(338,260)		(150)		
MAIN STEM			19,709		21	BONNEVILLE	03/20/73
MAIN STEM			100,213		20M	CASCADE	03/14-15/73
MCDOWELL CR			60,744		21	CASCADE	03/14-15/73
MOOSE CR			41,088		21	BONNEVILLE	03/20/73
NEAL CR			40,126		21	BONNEVILLE	04/14/73
S.F. NEAL CR			18,605		19	BONNEVILLE	03/15/73
THOMAS CR			18,065		19	BONNEVILLE	03/15/73
WILEY CR			39,710		150	SANDY	11/23/71
					21	BONNEVILLE	03/15/73
SOUTH SANTIAM (1972)							
HILL CR		(99,184)	(339,879)		(358)		
LITTLE WILEY CR			29,200		20	BONNEVILLE	03/25/74
LOST CR			45,547		22	BONNEVILLE	03/22/74
MAIN STEM			75,917		20	BONNEVILLE	03/25/74
MAIN STEM		99,184			181	BONNEVILLE	11/17/72
						CASCADE	06/29/73

APPENDIX TABLE 1. CONTINUED.

STREAM (BROOD YEAR) LOCATION	NUMBER RELEASED			ADULT	FISH PER POUND	HATCHERY SOURCE	RELEASE DATE
	FRY	FINGERLING	YEARLING				
SOUTH SANTIAM (1972) (CONT)							
MCDOWELL CR			41,176	20	BONNEVILLE	03/25/74	
NEAL CR			19,600	20	SANDY	04/02/74	
S.F. NEAL CR			19,858	20	SANDY	04/03/74	
WILEY CR			108,581	22	BONNEVILLE	03/22/74	
WILEY CR				158	SANDY	11/21/72	
SOUTH SANTIAM (1973)				(363)			
MAIN STEM				363	EAGLE CR. NATL.	11/02/73	
SOUTH SANTIAM (1974)			(50,960)				
HAMILTON CR			25,480	25	CASCADE COWLITZ	04/20/76	
NEAL CR			25,480	25	CASCADE COWLITZ	04/20/76	
SOUTH YAMHILL (1952)			(10,000)				
MAIN STEM			10,000		BONNEVILLE	02/25/54	
SOUTH YAMHILL (1953)		(100,000)					
MAIN STEM		100,000		113	SANDY	10/08/54	
SOUTH YAMHILL (1954)		(50,000)	(45,486)				
MAIN STEM		50,000		113	SANDY	07/07-11/55	
MAIN STEM			45,486	40	SANDY	10/08/55	
SOUTH YAMHILL (1955)			(79,877)				
MAIN STEM			79,877	30	SANDY	02/11-19/57	
SOUTH YAMHILL (1956)		(239,556)					
MAIN STEM		239,556		200	SANDY	06/04-17/57	
SOUTH YAMHILL (1957)		(128,000)					
MAIN STEM		128,000			SANDY	05/21-22/58	

APPENDIX TABLE 1. CONTINUED.

STREAM (BROOD YEAR) LOCATION	NUMBER RELEASED				FISH PER HATCHERY SOURCE	RELEASE DATE
	FRY	FINGERLING	YEARLING	ADULT		
SOUTH YAMHILL (1958) MAIN STEM	(88,476) 88,476		(91,784) 91,784		SANDY	05/06-19/59
SOUTH YAMHILL (1959) MAIN STEM				28	BONNEVILLE	02/14-27/61
SOUTH YAMHILL (1960) AGENCY CR COAST CR MILL CR ROGUE R WILLAMINA CR			(63,158) 15,410 9,959 15,019 12,604 10,166		SANDY SANDY SANDY SANDY SANDY	03/21/62 03/19/62 03/20/62 03/21/62 03/19/62
SOUTH YAMHILL (1961) AGENCY CR AGENCY CR COAST CR HANCHET CR MILL CR MILL CR WILLAMINA CR	(402,052) 104,580 103,418 103,418 90,636		(44,979) 17,153 15,003 12,823		BONNEVILLE SANDY BONNEVILLE SANDY SANDY BONNEVILLE BONNEVILLE	03/28/62 03/11/63 03/28/62 03/12/63 03/11/63 03/31/62 03/28/62
SOUTH YAMHILL (1962) AGENCY CR AGENCY CR COAST CR COAST CR HANCHET CR MAIN STEM MAIN STEM MILL CR MILL CR WILLAMINA CR	(462,907) 100,000 50,000 112,907 100,000 100,000		(61,814) 13,999 6,792 5,145 10,351 14,943		BONNEVILLE SANDY BONNEVILLE SANDY SANDY KLASKANINE SANDY BONNEVILLE SANDY BONNEVILLE	03/20/63 03/10-12/64 03/20/63 03/12/64 03/12/64 01/08/63 03/11/64 03/20/63 03/11/64 03/20/63

APPENDIX TABLE 1. CONTINUED.

STREAM (BROOD YEAR) LOCATION	NUMBER RELEASED				FISH PER FOUND	HATCHERY SOURCE	RELEASE DATE
	FRY	FINGERLING	YEARLING	ADULT			
SOUTH YAMHILL (1962) (CONT) WILLAMINA CR			10,584		20	SANDY	03/12/64
SOUTH YAMHILL (1963) AGENCY CR		(69,793)			20	SANDY	03/08/65
HANCHET CR		10,200			20	SANDY	03/08/65
MILL CR		10,000			20	SANDY	03/05-11/65
WILLAMINA CR		29,805			17	SANDY	03/09/65
		19,788					
SOUTH YAMHILL (1964) AGENCY CR	(1,827,209)	(64,152)	(14,329)	(600)	1,082	KLASKANINE	02/26/65
AGENCY CR	303,706			300		CASCADE	10/28/64
BURTON CR	304,264			150	1,082	KLASKANINE	02/24/65
COAST CR						CASCADE	10/27/64
DEER CR		64,152			66	OXBOW	08/16/65
DEER CR					17	SANDY	03/01/66
HANCHET CR	304,218				1,082	KLASKANINE	03/01/65
MILL CR	305,558				1,802	KLASKANINE	03/05/65
ROCK CR	304,197				1,082	KLASKANINE	02/28/65
WILLAMINA CR	305,266			150	1,082	KLASKANINE	03/05/65
WILLAMINA CR						CASCADE	10/27/64
SOUTH YAMHILL (1965) AGENCY CR	(799,153)			(220)	1,450	BONNEVILLE	04/04/66
DEER CR	208,000				1,061	BIG CREEK	02/01/66
MILL CR	180,000				1,450	BONNEVILLE	04/04/66
ROGUE R	150,000				1,061	BIG CREEK	02/01/66
ROWELL CR	100,000				1,450	BONNEVILLE	04/04/66
SALT CR	90,000				1,061	BIG CREEK	02/01/66
WILLAMINA CR	71,153			220		SANDY	11/30/65
SOUTH YAMHILL (1966) DEER CR	(813,729)			(150)		BONNEVILLE	11/17/66
MAIN STEM	104,250			150	970	TRASK	03/03/67

APPENDIX TABLE 1. CONTINUED.

STREAM (BROOD YEAR) LOCATION	NUMBER RELEASED				ADULT	FISH PER POUND	HATCHERY SOURCE	RELEASE DATE
	FRY	FINGERLING	YEARLING					
SOUTH YAMHILL (1966) (CONT)								
MAIN STEM	519,229				970	TRASK	02/20-23/67	
WILLAMINA CR	190,250				970	TRASK	03/07/67	
SOUTH YAMHILL (1967)	(306,000)			(906)				
AGENCY CR				150		KLASKANINE	10/11/67	
CEDAR CR	103,000				1,060	KLASKANINE	02/23/68	
DEER CR	103,000				1,060	KLASKANINE	02/23/68	
MAIN STEM				160		KLASKANINE	10/10/68	
MILL CR	100,000				1,060	KLASKANINE	02/23/68	
MILL CR				161		KLASKANINE	10/16/67	
MILL CR				100		SILETZ	11/07/67	
WILLAMINA CR				179		KLASKANINE	11/17/67	
WILLAMINA CR				156		KLASKANINE	10/13/67	
SOUTH YAMHILL (1968)				(140)				
AGENCY CR				140		BONNEVILLE	09/20/68	
SOUTH YAMHILL (1969)	(1,226,997)			(500)				
AGENCY CR				150		BIG CREEK	11/12/69	
AGENCY CR	124,857				1,150	BONNEVILLE	04/10/70	
COSPER CR	99,515				1,150	BONNEVILLE	04/10/70	
DEER CR	98,080				1,248	SANDY	03/24/70	
MAIN STEM	175,500				1,260	SANDY	03/27/70	
MILL CR				200		ALSEA		
MILL CR	346,500				1,260	SANDY	03/27/70	
ROCK CR	87,062				1,150	BONNEVILLE	04/10/70	
ROGUE R	87,063				1,150	BONNEVILLE	04/10/70	
ROWELL CR				150		BIG CREEK	11/12/69	
WILLAMINA CR	208,420				1,248	SANDY	03/24/70	
SOUTH YAMHILL (1971)	(397,240)		(435,226)					
AGENCY CR			77,250		23	BONNEVILLE	03/07/73	
COAST CR			40,414		24	BONNEVILLE	03/07/73	

APPENDIX TABLE 1. CONTINUED.

STREAM (BROOD YEAR) LOCATION	NUMBER RELEASED			ADULT	FISH PER POUND	HATCHERY SOURCE	RELEASE DATE
	FRY	FINGERLING	YEARLING				
SOUTH YAMHILL (1971) (CONT)							
HANCHET CR			40,508		21	BONNEVILLE	03/21/73
MILL CR			75,600		21	BONNEVILLE	03/21/73
ROCK CR			20,951		21	BONNEVILLE	03/19/73
ROGUE R			40,337		21	BONNEVILLE	03/19/73
ROWELL CR			40,221		23	BONNEVILLE	03/07/73
WILLAMINA CR			99,945		24	BONNEVILLE	03/07/73
WILLAMINA CR	397,240				1,112	BIG CREEK	02/08/72
SOUTH YAMHILL (1972)				(208)			
AGENCY CR	(196,100)		(484,769)		21	BONNEVILLE	03/20/74
AGENCY CR	97,415		84,353		132	ELK R	06/18/73
BURTON CR			43,948		22	BONNEVILLE	03/19/74
CEDAR CR					135	ELK R	06/12/73
HANCHET CR			49,877		20	BONNEVILLE	03/26/74
MILL CR			82,170		20	SANDY	04/01/74
ROCK CR			31,185		22	BONNEVILLE	03/21/74
ROGUE R			40,670		20	SANDY	03/28/74
ROWELL CR			43,870		22	BONNEVILLE	03/20/74
WILLAMINA CR			108,696		22	BONNEVILLE	03/19/74
WILLAMINA CR				208			11/21/72
SOUTH YAMHILL (1973)				(239)			
WILLAMINA CR				239		BONNEVILLE	11/07/73
SOUTH YAMHILL (1974)							
AGENCY CR	(124,869)				25	CASCADE COWLITZ	04/20/76
MAIN STEM	25,938				25	CASCADE COWLITZ	04/20/76
ROGUE R	49,820				25	CASCADE COWLITZ	04/20/76
WILLAMINA CR	24,053				25	CASCADE COWLITZ	04/20/76
WILLAMINA CR	25,058				25	CASCADE COWLITZ	04/20/76
TUALATIN (1953)				(125,000)			
MAIN STEM				75,000		SANDY	06/02-04/54
MAIN STEM				50,000		SANDY	10/18-20/54

APPENDIX TABLE 1. CONTINUED.

STREAM (BROOD YEAR) LOCATION	NUMBER RELEASED				ADULT	FISH PER POUND	HATCHERY SOURCE	RELEASE DATE
	FRY	FINGERLING	YEARLING					
TUALATIN (1956) MAIN STEM		(120,444) 120,444				240	SANDY	
TUALATIN (1957) LAKE OSWEGO		(294,394) 142,610					BIG CREEK	05/27-28/58
LAKE OSWEGO		151,784					KLASKANINE	05/15/58
TUALATIN (1958) GALES CR		(20,220) 20,220					SANDY	05/07/59
TUALATIN (1962) DAIRY CR	(195,000) 195,000					1,350	BONNEVILLE	05/06/63
TUALATIN (1964) MAIN STEM				(635) 635			CASCADE	10/17/64
TUALATIN (1965) LEE CR	(349,668) 144,260					1,050	KLASKANINE	03/10/66
MAIN STEM	28,852					1,050	KLASKANINE	03/11/66
MCKAY CR	90,000					1,142	SANDY	03/10/66
PARSONS CR	43,278					1,050	KLASKANINE	03/10/66
SCOGGINS CR	43,278					1,050	KLASKANINE	03/10/66
TUALATIN (1966) DAIRY CR	(163,420) 31,890	(31,890) 31,890		(275)		199	SANDY	05/31/67
MAIN STEM				125			BIG CREEK	11/21/66
MAIN STEM	163,420					1,021	NEHALEM	03/08/67
MAIN STEM				150			BIG CREEK	11/18/66
TUALATIN (1967) GALES CR	(458,894) 229,447					1,060	KLASKANINE	02/16/68
LEE CR	229,447					1,060	KLASKANINE	02/16/68

APPENDIX TABLE 1. CONTINUED.

STREAM (BROOD YEAR) LOCATION	NUMBER RELEASED			ADULT	FISH PER FOUND	HATCHERY SOURCE	RELEASE DATE
	FRY	FINGERLING	YEARLING				
TUALATIN (1968) MAIN STEM				(506) 506		BIG CREEK	10/16/68
TUALATIN (1969) BEAVER CR	(740,100)			(500)	1,065	CASCADE	04/06/70
DAIRY CR	86,779				1,065	CASCADE	04/06/70
GALES CR	74,382				1,065	CASCADE	04/06/70
LEE CR	247,939				1,065	CASCADE	04/08/70
LEE CR	177,321			150		BIG CREEK	11/07/69
MAIN STEM				200		BIG CREEK	10/30/69
SCOGGINS CR				150		BIG CREEK	11/07/69
SUNDAY CR	153,679				1,065	CASCADE	11/08/70
TUALATIN (1970) MAIN STEM				(320) 160		SANDY	10/29/70
MAIN STEM				160		SANDY	10/30/70
TUALATIN (1971) LEE CR	(454,380)			(150)	1,222	KLASKANINE	03/07/72
MAIN STEM	251,380			150		BIG CREEK	11/02/71
SUNDAY CR	203,000				1,222	KLASKANINE	03/07/72
TUALATIN (1972) LEE CR	(182,258)			(163) 163		SANDY	11/28/72
MAIN STEM	182,258				1,234	SANDY	04/04/73
TUALATIN (1973) SCOGGINS CR	(373,000)	(89,982)			18M	CASCADE	04/09/75
SCOGGINS CR		49,410			18M	SANDY	04/09/75
SCOGGINS CR		21,712			18M	SANDY	04/07/75
SUNDAY CR	373,000	18,860				EAGLE CR. NATL.	04/12/74

APPENDIX TABLE 1. CONTINUED.

STREAM (BROOD YEAR) LOCATION	NUMBER RELEASED				FISH PER POUND	HATCHERY SOURCE	RELEASE DATE
	FRY	FINGERLING	YEARLING	ADULT			
TUALATIN (1974)	(183,080)	(100,415)			142	KLASKANINE	06/04/75
LEE CR	92,330	40,479			25M	CASCADE COWLITZ	05/05/76
SCOGGINS CR		33,024			16	SANDY	04/01/76
SCOGGINS CR		26,912			16	SANDY	04/02/76
SUNDAY CR	90,750				121	KLASKANINE	06/05/75
TUALATIN (1975)		(393,973)			29M	CASCADE COWLITZ	04/19/77
SCOGGINS CR		92,522			22M	CASCADE	04/20/77
SCOGGINS CR		99,317				CASCADE COWLITZ	04/20/77
SCOGGINS CR		202,134					
TUALATIN (1976)	(204,103)	(169,836)			1,252	MCKENZIE	03/04/77
MAIN STEM	204,103				15	BIG CREEK COWLITZ	05/08/78
SCOGGINS CR		12,302			16	BIG CREEK	05/09/78
SCOGGINS CR		17,047			16M	BIG CREEK	05/09/78
SCOGGINS CR		68,781			15M	BIG CREEK COWLITZ	05/08/78
SCOGGINS CR		71,706					
TUALATIN (1977)	(164,983)				19	BIG CREEK	01/01/79
SCOGGINS CR	2,840				19M	BIG CREEK	05/01/79
SCOGGINS CR	81,159				20	BIG CREEK COWLITZ	05/03/79
SCOGGINS CR	6,219				20M	BIG CREEK COWLITZ	05/03/79
SCOGGINS CR	74,765						
TUALATIN (1978)	(60,102)				20	BIG CREEK	04/14/80
SCOGGINS CR	22,256				20	BIG CREEK	04/14/80
SCOGGINS CR	37,846						
TUALATIN (1979)	(59,892)				18	BIG CREEK	04/13/81
MAIN STEM	40,275				18	BIG CREEK	04/13/81
SCOGGINS CR	19,617						

APPENDIX TABLE 1. CONTINUED.

STREAM (BROOD YEAR) LOCATION	NUMBER RELEASED				ADULT	FISH PER FOUND	HATCHERY SOURCE	RELEASE DATE
	FRY	FINGERLING	YEARLING					
TUALATIN (1980)	(370,560)		(54,943)					
ILLER CR	49,408				1,200	OXBOW	03/05/81	
LEE CR	111,168				1,200	OXBOW	03/05/81	
LITTLE BEAVER CR	49,408				1,200	OXBOW	03/05/81	
MAIN STEM			40,302		15	BIG CREEK	05/12/82	
MCFEE CR	61,760				1,200	OXBOW	03/05/81	
SCOGGINS CR			14,641		15	BIG CREEK	05/12/82	
SUNDAY CR	98,816				1,200	OXBOW	03/05/81	
WILLAMETTE (1964)				(457)				
MILL CR				307		CASCADE	11/19/64	
MILL CR				150		CASCADE	10/26/64	
WILLAMETTE (1965)	(104,271)			(363)				
CORRAL CR	104,271				1,169	SANDY	03/13/66	
MILL CR				163		SANDY	12/07/65	
MILL CR				200		SANDY	12/06/65	
WILLAMETTE (1966)	(125,865)							
MILL CR	125,865				1,200	BONNEVILLE	02/28/67	
WILLAMETTE (1968)	(41,944)		(28,440)	(150)				
MILL CR	41,944				1,363	SANDY	03/04/69	
MILL CR				150		BONNEVILLE	09/13/68	
MILL CR			28,440		16	KLASKANINE	03/19/70	
WILLAMETTE (1969)	(221,438)		(15,001)					
MILL CR			15,001		16	ALSEA	03/18/71	
MILL CR	221,438				1,260	SANDY	02/26/70	
WILLAMETTE (1970)			(26,195)					
MILL CR			12,320		18	ALSEA	03/23/72	
MILL CR			13,875		15M	CASCADE	03/28/72	

APPENDIX TABLE 1. CONCLUDED.

STREAM (BROOD YEAR) LOCATION	NUMBER RELEASED				FISH PER POUND	HATCHERY SOURCE	RELEASE DATE
	FRY	FINGERLING	YEARLING	ADULT			
WILLAMETTE (1974)			(5,558)				
WILLAMETTE FALLS			1,950		20	SANDY	05/06/76
WILLAMETTE FALLS			1,100		20	SANDY	02/06/76
WILLAMETTE FALLS			550		25	SANDY	10/29/75
WILLAMETTE FALLS			1,958		17	SANDY	05/26/76
WILLAMETTE (1975)			(16,580)				
WILLAMETTE FALLS			7,830		16	SANDY	04/25-26/77
WILLAMETTE FALLS			8,750		14	SANDY	05/04-25/77
YAMHILL (1967)				(159)			
MAIN STEM				159		KLASKANINE	10/17/67



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