

**HIGH SEAS SALMONID
CODED-WIRE TAG RECOVERY DATA, 2006**

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ABSTRACT

Information on high seas recoveries of coded-wire tagged (CWT) salmonids (*Oncorhynchus* spp.) has been reported annually to the International North Pacific Fisheries Commission (1981-1992) and to the North Pacific Anadromous Fish Commission (NPAFC, 1993-present). Data from these CWT recoveries are also reported into the coastwide on-line CWT recovery database (<http://www.rmpec.org>) maintained by the Regional Mark Processing Center (RMPC) of the Pacific States Marine Fisheries Commission (PSMFC). This document lists recovery data for 1135 CWT salmonids that will be reported to PSMFC/RMPC for the first time. These 1135 CWTs were recovered from the 2005-2006 U.S. groundfish trawl fisheries in the eastern Bering Sea-Aleutian Islands (58 Chinook salmon, *Oncorhynchus tshawytscha*) and Gulf of Alaska (19 Chinook salmon), from the 2002-2005 Pacific hake (*Merluccius productus*) trawl fishery in the Northern Pacific Ocean off Washington/Oregon/California (WA/OR/CA, 877 Chinook salmon and 43 coho salmon, *Oncorhynchus kisutch*), from the 2002-2005 limited-entry non-hake groundfish trawl fishery off WA/OR/CA (134 Chinook salmon), and from 2005-2006 Japanese research vessel operations in the central North Pacific Ocean (4 steelhead, *Oncorhynchus mykiss*). Significant northwestern extensions of the known ocean ranges for Chinook salmon originating from Southeast Alaska, British Columbia, Washington, and Oregon into the Bering Sea are also reported.

INTRODUCTION

Since 1981, Pacific salmon (*Oncorhynchus* spp.) tagged with coded-wire tags (CWTs) have been recovered in commercial fisheries and research programs in the North Pacific Ocean, Gulf of Alaska, and Bering Sea-Aleutian Islands. Data from these high seas CWT recoveries have been reported annually to the International North Pacific Fisheries Commission (Dahlberg 1981-1982; Wertheimer and Dahlberg 1983-1984; Dahlberg and Fowler 1985; Dahlberg et al. 1986-1992; Margolis 1985; Margolis et al. 1989; McKinnell et al. 1991) and to the North Pacific Anadromous Fish Commission (Dahlberg et al. 1993-97; Myers et al. 1998-2004; Morris 2004). Data from these CWT recoveries have also been reported into the coastwide on-line CWT recovery database (<http://www.rmpec.org>) maintained by the Regional Mark Processing Center (RMPC) of the Pacific States Marine Fisheries Commission (PSMFC).

In this document, we list previously unreported data for CWT recoveries from the salmon bycatch of U.S. groundfish trawl fisheries for walleye pollock (*Theragra chalcogramma*) in the eastern Bering Sea-Aleutian Islands and Gulf of Alaska, from the salmon bycatch of U.S. groundfish trawl fishery for Pacific hake (*Merluccius productus*) in the North Pacific Ocean off Washington/Oregon/California (WA/OR/CA), from the limited-entry non-hake groundfish trawl fishery off WA/OR/CA, and from Japanese salmon research vessel operations in the central North Pacific Ocean. New recoveries of CWT salmonids are compared to previous recoveries of CWTs reported to the International North Pacific Fisheries Commission (INPFC, 1956-2002) and to NPAFC (2003-present). Significant new information on the known ocean ranges of particular stocks of salmon is presented.

RESULTS AND DISCUSSION

This document lists recovery data for 1135 CWT salmonids that will be reported to PSMFC/RMPC database for the first time. Of these 1135 new CWT recoveries, 19 CWT Chinook salmon were recovered from the Gulf of Alaska trawl fishery in 2005 and 2006 (Table 1), 58 CWT Chinook salmon were recovered from the Bering Sea-Aleutian Islands trawl fishery in 2005 and 2006 (Table 2), 877 CWT Chinook salmon and 43 CWT coho salmon were recovered from the Pacific hake trawl fishery in the North Pacific Ocean off WA/OR/CA in 2002-2005 (Table 3), and 134 CWT Chinook salmon were recovered from the limited-entry non-hake groundfish trawl fishery off WA/OR/CA in 2002-2005 (Table 4). Four CWT steelhead were also recovered from Japanese gillnet research in the central North Pacific Ocean (Table 5).

The geographic locations of new recoveries of CWT Chinook salmon and steelhead are compared to previous recoveries and are summarized by province or state of origin (Figures 1-9). A recovery of a wild Taku River Chinook salmon in the Bering Sea in August, 2005 (59°15'N, 175°21'W) is a northwestern extension of the known ocean range of Southeast Alaska Chinook salmon (Figure 3, Table 2: recovery_id= 2005091028). A recovery of a Conuma River hatchery Chinook salmon in the Bering Sea in July, 2005 (59°15'N, 173°31'W) is a northwestern extension of the known ocean range of British Columbia Chinook salmon (Figure 4, Table 2: recovery_id= 2005091050). Two recoveries of Salmon River (WA) hatchery Chinook salmon in the Bering Sea in June (57°49'N, 173°18'W) and July, 2005 (57°31'N, 173°18'W) indicate a northwestern extension of the known ocean range of Washington Chinook salmon (Figure 5,

Table 2: recovery ids= 2005091034, 2005091032). A recovery of a Salmon River (OR) hatchery Chinook salmon in the Bering Sea in August, 2005 (59°32'N, 175°15'W) is a northwestern extension of the known ocean range of Oregon Chinook salmon (Figure 6, Table 2: recovery_id= 2005091035).

ACKNOWLEDGMENTS

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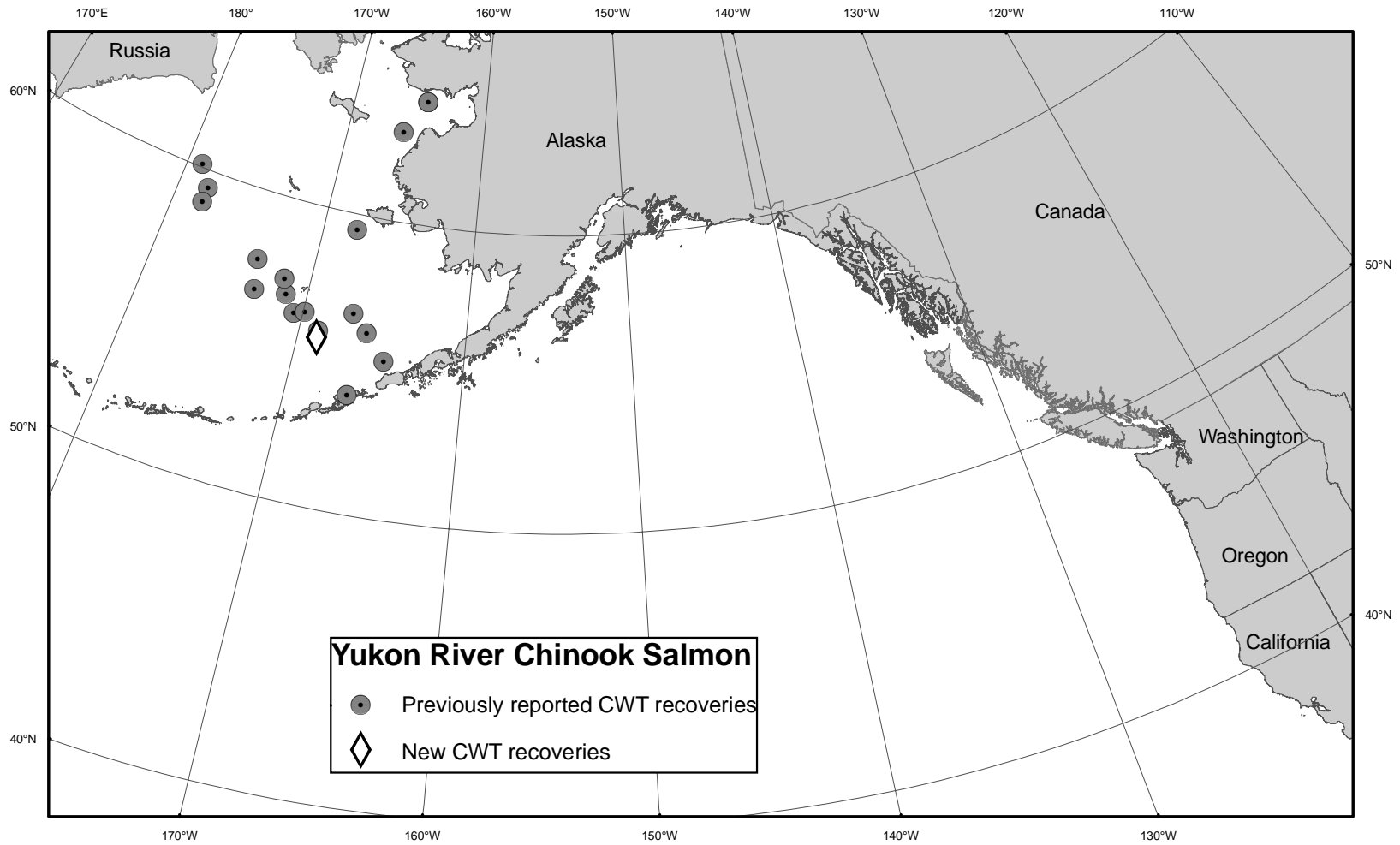


Figure 1. Ocean distribution of Yukon River Chinook salmon from CWT recoveries, 1981-2006.

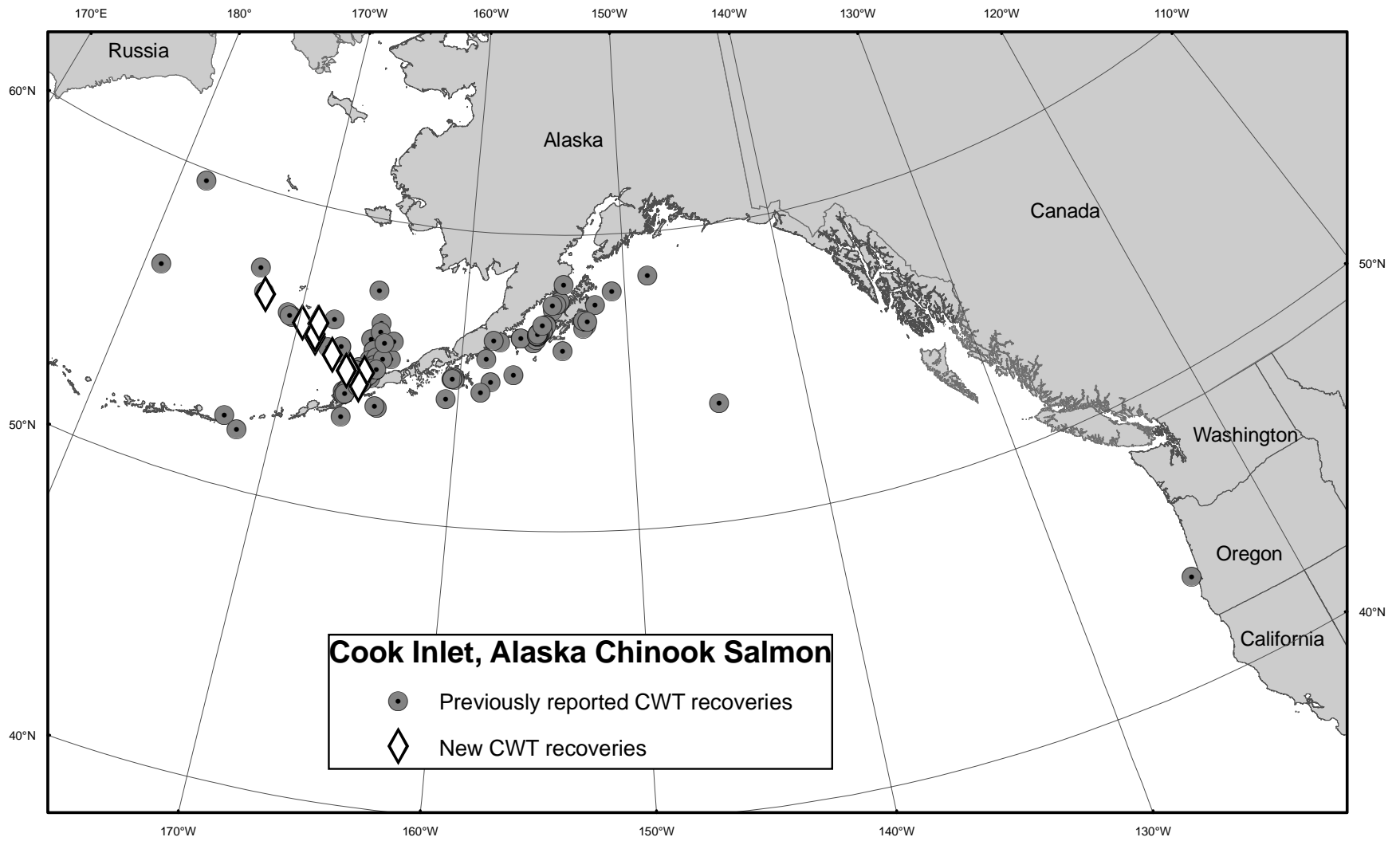


Figure 2. Ocean distribution of Cook Inlet, Alaska Chinook salmon from CWT recoveries, 1981-2006.

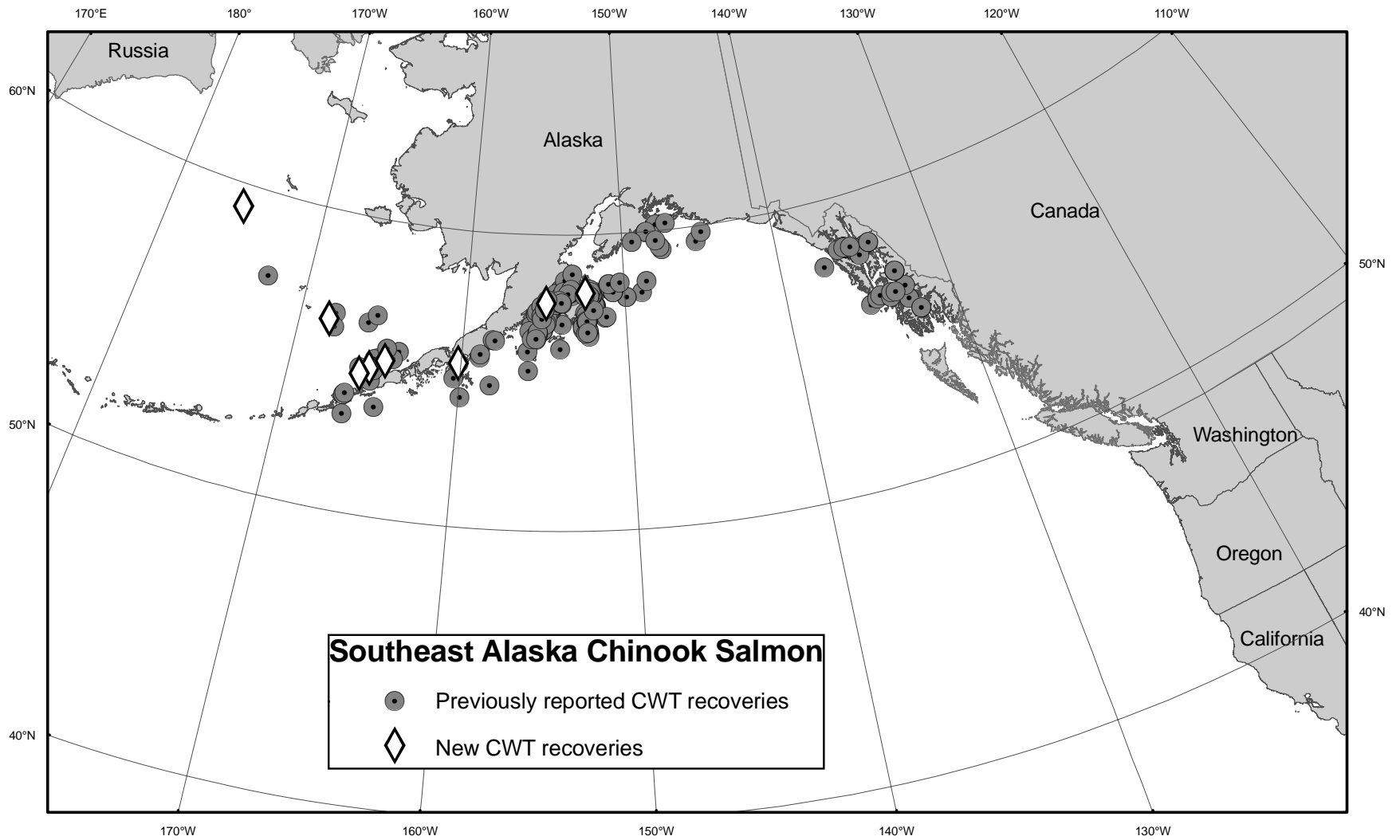


Figure 3. Ocean distribution of Southeast Alaska Chinook salmon from CWT recoveries, 1981-2006.

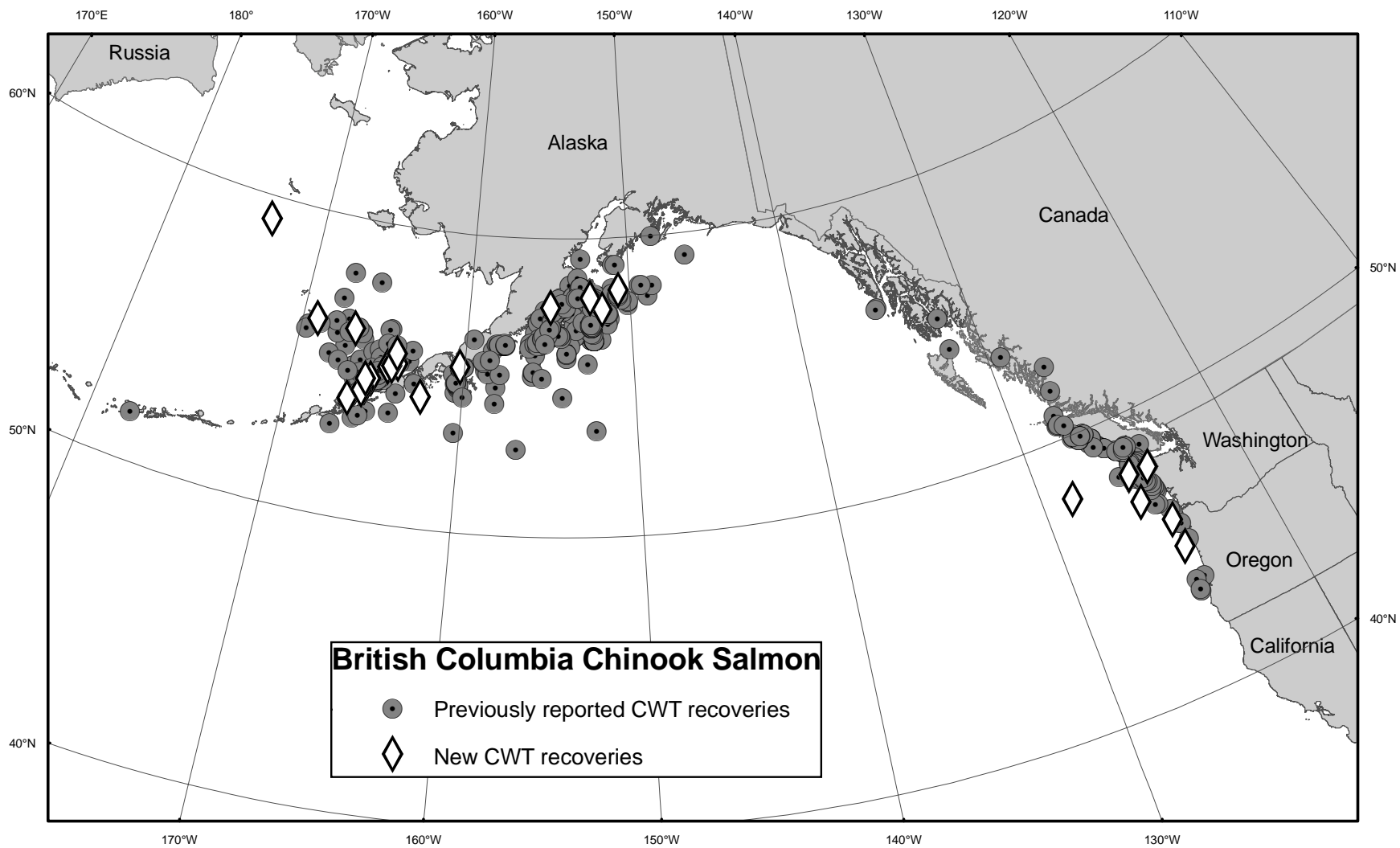


Figure 4. Ocean distribution of British Columbia Chinook salmon from CWT recoveries, 1981-2006.

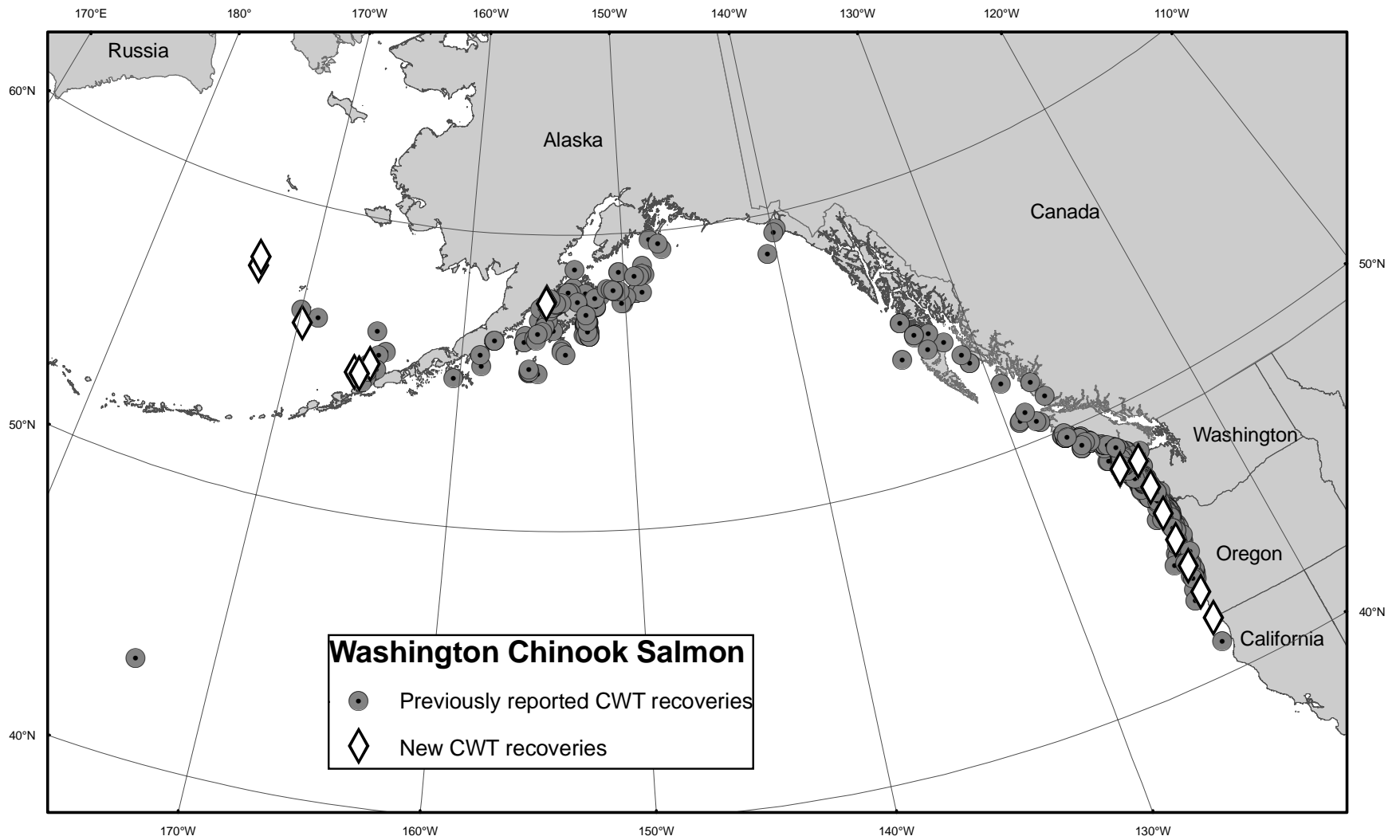


Figure 5. Ocean distribution of Washington Chinook salmon from CWT recoveries, 1981-2006.

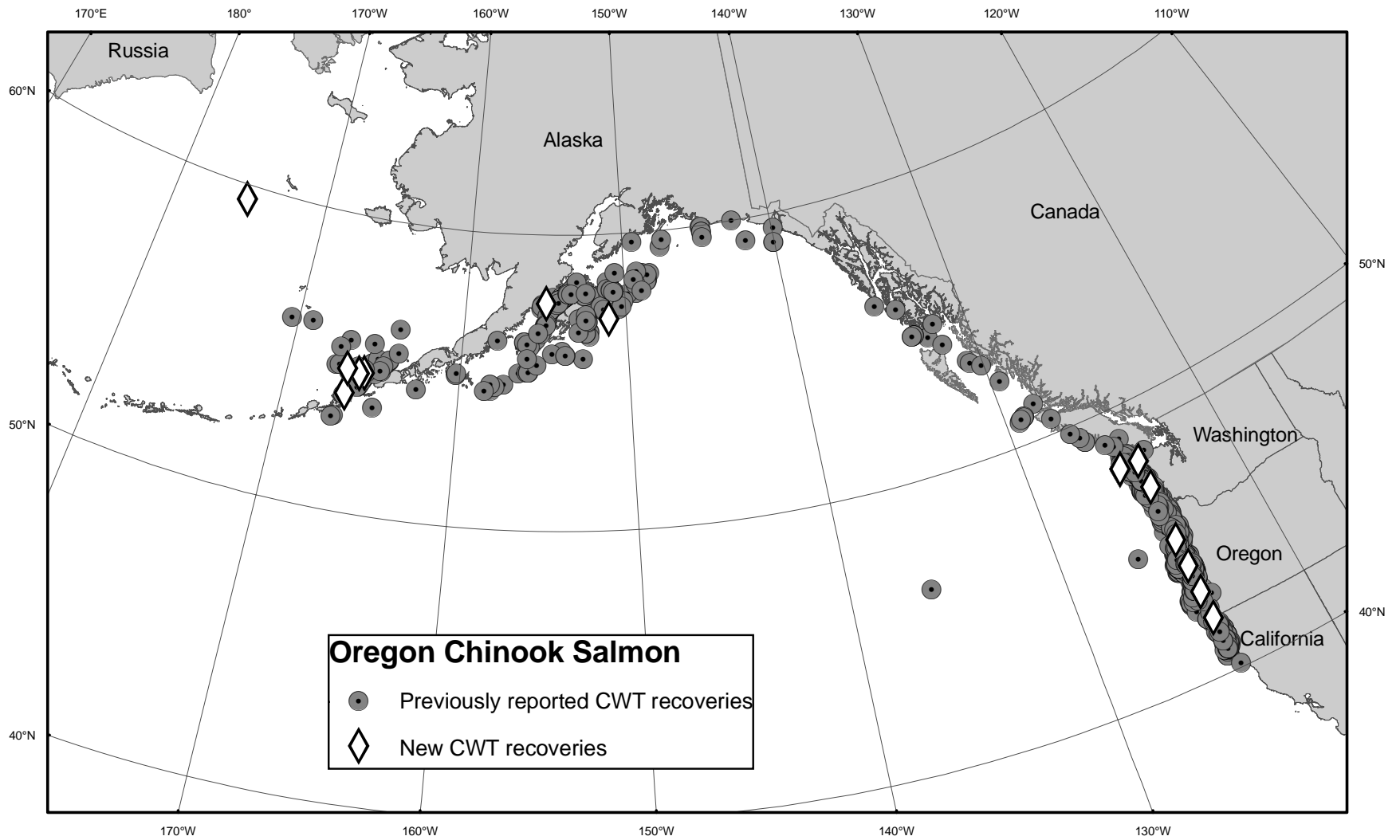


Figure 6. Ocean distribution of Oregon Chinook salmon from CWT recoveries, 1981-2006.

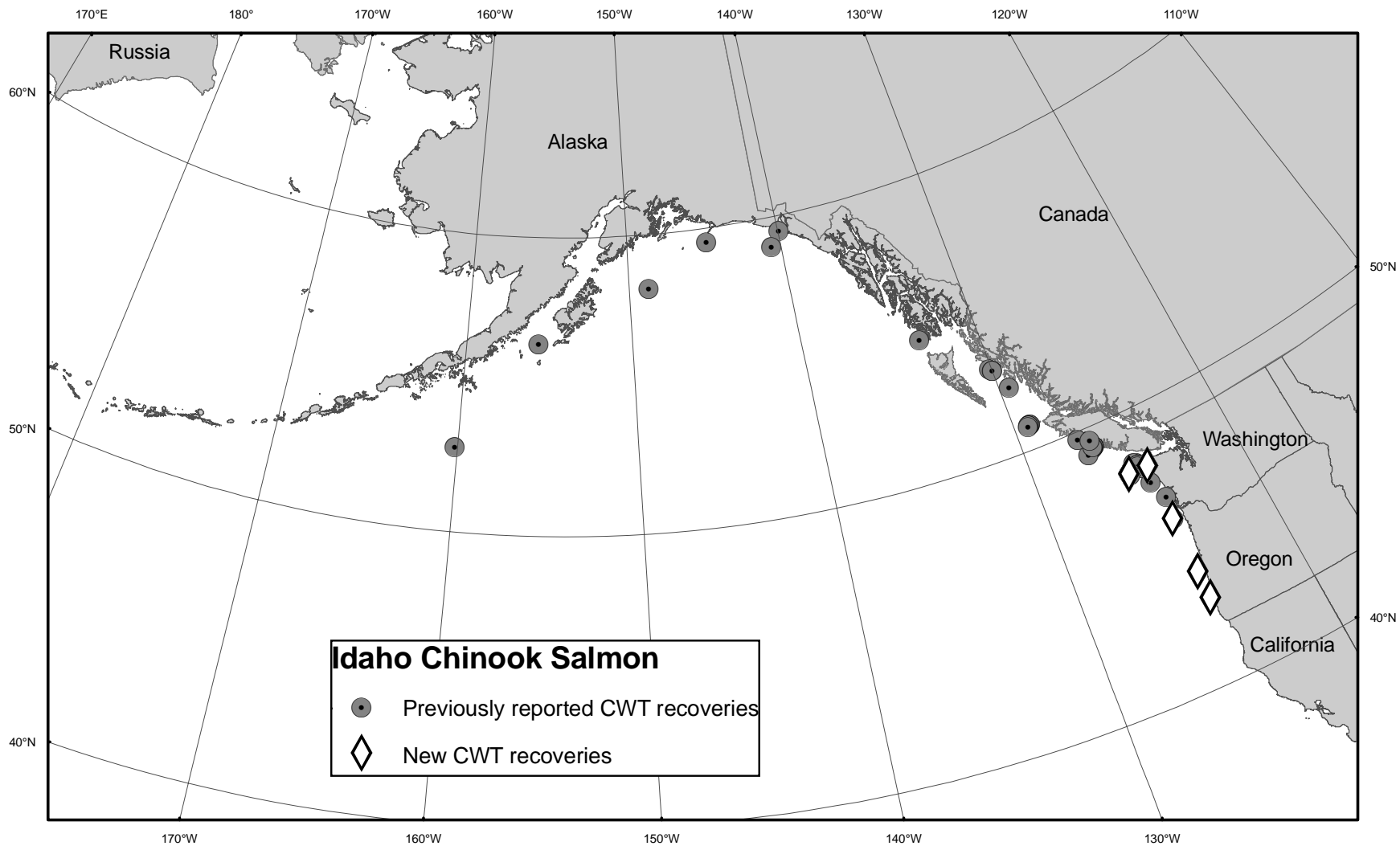


Figure 7. Ocean distribution of Idaho Chinook salmon from CWT recoveries, 1981-2006.

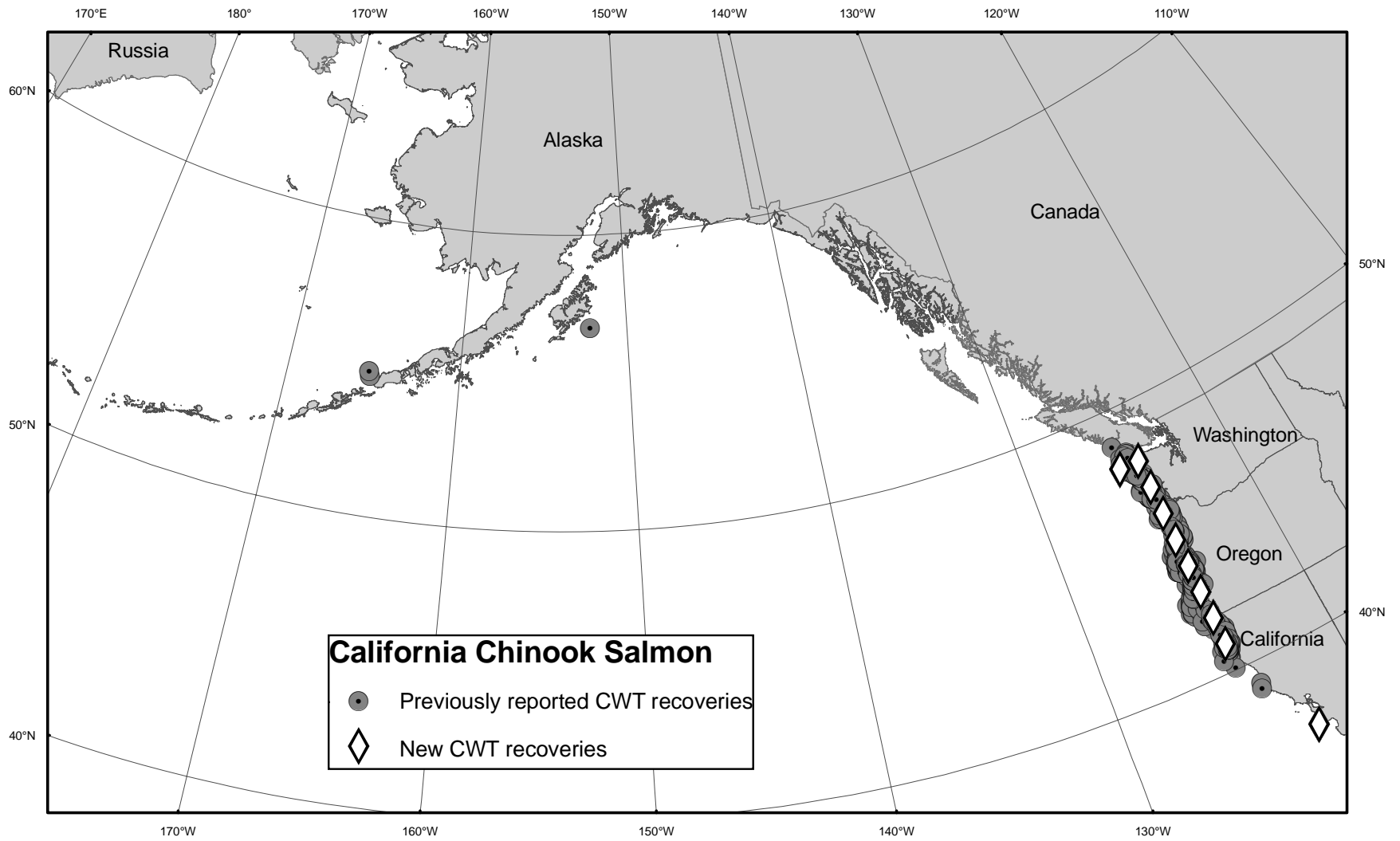


Figure 8. Ocean distribution of California Chinook salmon from CWT recoveries, 1981-2006.

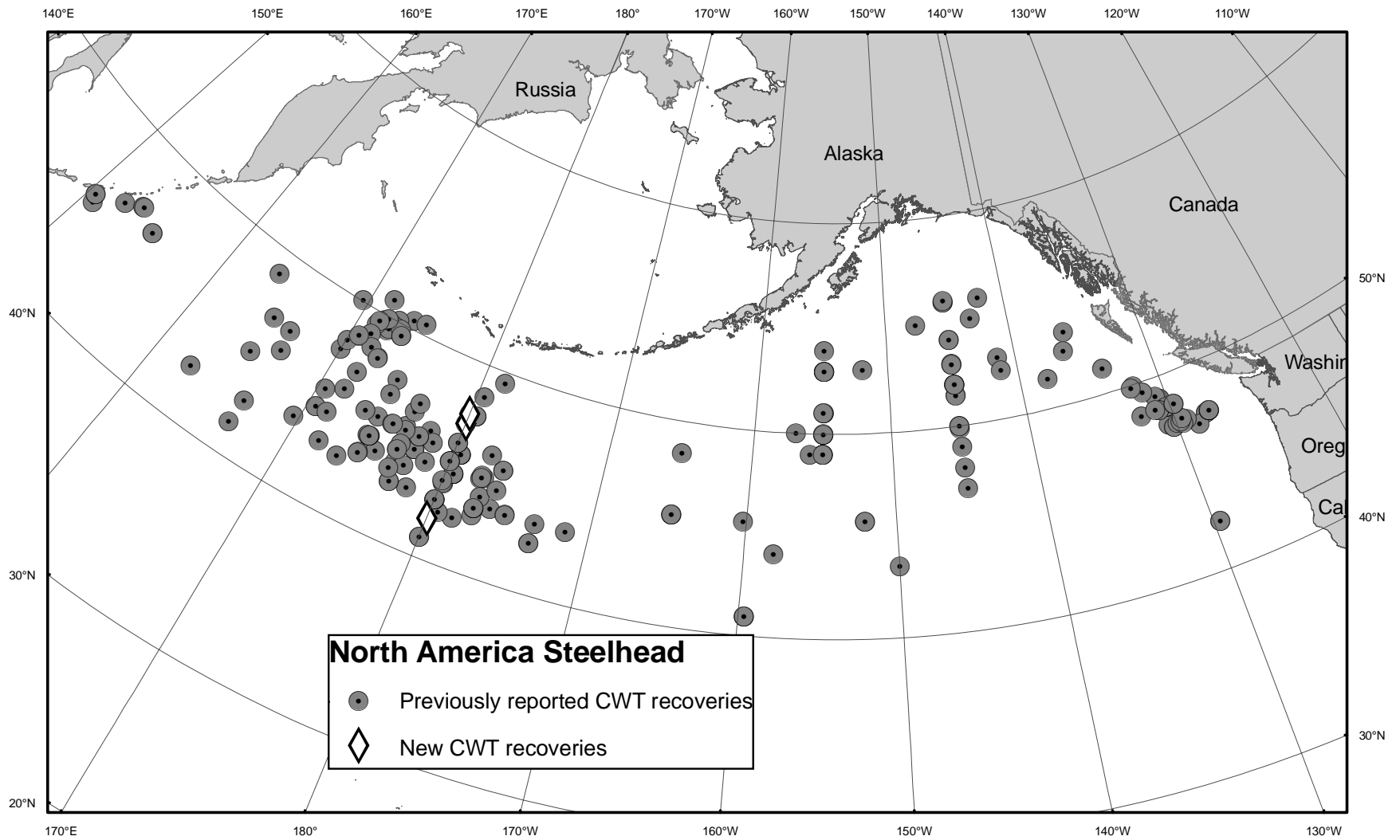


Figure 9. Ocean distribution of North America Steelhead from CWT recoveries, 1981-2006.

Table 1. Release and recovery information for CWT salmon (*Oncorhynchus spp.*) captured as bycatch in the Gulf of Alaska (GOA) trawl fishery for walleye pollock (*Theragra chalcogramma*). Species: 1 = Chinook salmon; run: 1 = Spring, 3 = Fall; rearing type: H = hatchery, M = mixed hatchery and wild, W = Wild; release state: AK = Alaska, BC = British Columbia, WA = Washington, OR = Oregon, ID = Idaho, CA = California. NMFS areas are shown in Appendix Table 1.

recovery_id	tag_code	species	stock_location_name	run	rearing_type	¹ release_location_psc_region	² release_location_psc_basin	release_location_name	release_location_state	³ release_agency	brood_year	run_year	latitude (degrees)	latitude (minutes)	longitude (degrees)	longitude (minutes)	NMFS_area
2005091037	185033	1	S-ROBERTSON CR	3	H	WCVI	SWVI	R-ROBERTSON CR	BC	CDFO	2002	2005	57	39	-151	47	
2005091038	185415	1	S-ROBERTSON CR	3	H	WCVI	SWVI	R-ROBERTSON CR	BC	CDFO	2003	2005	58	01	-152	31	
2005091042	040892	1	CRYSTAL CR		H	SEAK	SEAK	ANITA BAY 107-30	AK	SSRA	2002	2005	58	02	-152	31	
2005091052	093812	1	ELK R (ELK R HT)	3	H	SOOR	SIXE	ELK R	OR	ODFW	2002	2005	57	11	-151	6	630
2006091009	040394	1	BURRO CR		H	SEAK	SEAK	PULLEN CR 115-34	AK	DIPC	2001	2006	55	33	-160	11	610
2006091014	185561	1	S-ROBERTSON CR	3	H	WCVI	SWVI	R-ROBERTSON CR	BC	CDFO	2003	2006	55	34	-160	18	610
2006091059	184832	1	S-ROBERTSON CR	3	H	WCVI	SWVI	R-HARBOUR QUAY	BC	CDFO	2003	2006	54	27	-162	24	610
2006091061	632386	1	NEMAH R 24.0460	3	H	WILP	WILP	NORTH NEMAH R24.0460	WA	WDFW	2003	2006					610
2006091065	185562	1	S-ROBERTSON CR	3	H	WCVI	SWVI	R-ROBERTSON CR	BC	CDFO	2003	2006	58	16	-150	43	630
2006091069	032265	1	UNUK R 101-75		H	SEAK	SEAK	L PORT WALTER 109-10	AK	NMFS	2002	2006	57	42	-154	59	620
2006091070	632380	1	PRIEST RAPIDS (36)	3	H	CECR	KLIC	KLICKITAT R 30.0002	WA	WDFW	2003	2006	57	45	-154	57	620
2006091071	185413	1	S-ROBERTSON CR	3	H	WCVI	SWVI	R-ROBERTSON CR	BC	CDFO	2003	2006	57	42	-154	59	620
2006091072	631890	1	WELLS HATCHERY	2	M	UPCR	WECH	COLUMBIA NEAR WELLS	WA	WDFW	2002	2006	57	42	-154	59	620
2006091073	094014	1	CLACKAMAS R EARLY	1	H	LOCR	WILL	CLACKAMAS R	OR	ODFW	2003	2006	57	42	-154	59	620
2006091074	040935	1	MACAULAY		H	SEAK	SEAK	AUKE BAY 111-50	AK	DIPC	2002	2006	57	42	-154	59	620
2006091075	185563	1	S-ROBERTSON CR	3	H	WCVI	SWVI	R-ROBERTSON CR	BC	CDFO	2003	2006	57	42	-154	59	620
2006091076	094028	1	WASHINGTON BRIGHTS	3	H	CECR	UMAT	UMATILLA R	OR	ODFW	2003	2006	57		-155		620
2006091079	032264	1	UNUK R 101-75		H	SEAK	SEAK	L PORT WALTER 109-10	AK	NMFS	2002	2006	57		-155		620
2006091080	213036	1	QUINALT LK (21)	3	H	NWC	QEQU	QUINALT LK (21)	WA	QDNR	2000	2006	57		-155		620

¹Region: CECR=Central Columbia R. (Bonneville Dam to McNary Dam), LOCR=Lower Columbia R. (mouth to Bonneville Dam), NWC=North Washington Coast, SEAK=Southeast Alaska, SOOR=South Coastal Oregon, UPCR=Upper Columbia R. (above McNary Dam; excluding Snake R); WCVI=Western Vancouver Island, WILP=Willapa R.

²Basin (if different than region): KLIC=Klickitat R /WA, NWVI=NW Vancouver Island, QEU=Queets R-Quinault R, SAM=Samish R, SAND SEAK=Southeast Alaska, SIXE=Sixes R.-Elk R.-Floras Cr., SWVI=SW Vancouver Island, UMAT=Umatilla R./ OR, WECH=Wenatchee R. – Entiat R. – Lk. Chelan / WA, WILL=Willamette R., WILP=Willapa R.

³Agency: CDFO=Canadian Department of Fisheries and Oceans, DIPC=Douglas Island Pink and Chum, Inc. (AK), NMFS=National Marine Fisheries Service (AK), ODFW=Oregon Department of Fish & Wildlife, QDNR=Quinault Department of Natural Resources, SSRA=Southern Southeast Regional Aquaculture Assn. (AK), WDFW=Washington Department of Fish & Wildlife

Table 2. Release and recovery information for CWT salmon (*Oncorhynchus spp.*) captured as bycatch in the Bering Sea-Aleutian Islands (BSAI) trawl fishery for walleye pollock (*Thragra chalcogramma*). Species: 1 = Chinook salmon; run: 1 = Spring, 2 = Summer, 3 = Fall; rearing type: H = hatchery, M = mixed hatchery and wild, W = Wild; release state: AK = Alaska, BC = British Columbia, WA = Washington, OR = Oregon, ID = Idaho, CA = California. NMFS_areas are shown in Appendix Table 1.

recovery_id	tag_code	species	stock_location_name	run	rearing_type	¹ release_location_psc_region	² release_location_psc_basin	release_location_name	release_location_state	³ release_agency	brood_year	run_year	latitude (degrees)	latitude (minutes)	longitude (degrees)	longitude (minutes)	NMFS_area
2005091026	184420	1	S-KITSUM ABV CANYON	2	H	NASK	SKNA	H-TERRACE	BC	CDFO	2002	2005					517
2005091027	210481	1	QUEETS R 21.0016	3	H	NWC	QEQU	SALMON R FISH CULTUR	WA	QDNR	2002	2005					517
2005091028	040828	1	TAKU R 111-32		W	SEAK	SEAK	NA	AK	ADFG	2001	2005	59	15	-175	21	
2005091029	093657	1	SIUSLAW R - PUBLIC	3	H	NOOR	SIUS	SIUSLAW NATURAL PRODUCT	OR	ODFW	2001	2005					517
2005091030	310280	1	CROOKED CR 221-60		H	CNAK	COOK	FORT RICHARDSON	AK	ADFG	2002	2005	56	18	-169		
2005091031	093454	1	SANTIAM R S FK	1	H	LOCR	WILL	SOUTH SANTIAM HATCH	OR	ODFW	2001	2005					517
2005091032	210393	1	QUEETS R 21.0016	3	H	NWC	QEQU	SALMON R FISH CULTUR	WA	QDNR	2001	2005	57	31	-173	18	
2005091033	310251	1	CROOKED CR 244-30		H	CNAK	COOK	ELMENDORF	AK	ADFG	2001	2005	56	39	-172	24	
2005091034	210393	1	QUEETS R 21.0016	3	H	NWC	QEQU	SALMON R FISH CULTUR	WA	QDNR	2001	2005	57	49	-173	18	
2005091035	093815	1	SALMON R	3	H	NOOR	SIYA	SALMON R HATCHERY	OR	ODFW	2002	2005	59	32	-175	15	
2005091036	610124	1	HANFORD REACH STOCK	8	W	UPCR	UPCRG	NA	WA	CRFC	2002	2005					521
2005091039	310272	1	CROOKED CR 244-30		H	CNAK	COOK	FORT RICHARDSON	AK	ADFG	2002	2005	54	48	-165	34	
2005091041	093841	1	TRASK R (TRASK HT)	3	H	NOOR	NECA	NEHALEM HATCHERY	OR	ODFW	2002	2005	54	48	-165	34	
2005091043	093842	1	TRASK R (TRASK HT)	3	H	NOOR	WTN	TRASK R HATCHERY	OR	ODFW	2002	2005	54	48	-165	34	
2005091044	185136	1	S-ROBERTSON CR	3	H	WCVI	SWVI	H-ROBERTSON CR	BC	CDFO	2002	2005	54	48	-165	22	
2005091048	185047	1	S-KITSUM BEL CANYON	2	H	NASK	SKNA	H-TERRACE	BC	CDFO	2001	2005	55	1	-165		517
2005091050	182336	1	S-CONUMA R	3	H	WCVI	NWVI	H-CONUMA R	BC	CDFO	2002	2005	59	15	-173	31	521
2005091051	310271	1	DECEPTION CR 247-41		H	CNAK	COOK	FORT RICHARDSON	AK	ADFG	2002	2005	55		-167		517
2005091054	184651	1	S-ATNARKO R UP	2	H	COBC	CCST	H-SNOOTLI CR	BC	CDFO	2001	2005	54	2	-166	30	519
2005091055	093657	1	SIUSLAW R - PUBLIC	3	H	NOOR	SIUS	SIUSLAW NATURAL PRODUCT	OR	ODFW	2001	2005	54	2	-166	30	519
2005091056	040956	1	STIKINE R 108-40		W	SEAK	SEAK	NA	AK	ADFG	2002	2005	54	59	-165	21	517
2005091057	631385	1	LEWIS R 27.0168	1	H	LOCR	LEWI	LEWIS RIVER HATCHERY	WA	WDFW	2002	2005	55	08	-165	19	517
2005091058	310318	1	NINILCHIK R 244-20		H	CNAK	COOK	FORT RICHARDSON	AK	ADFG	2002	2005	56				521

Table 2.																	
recovery_id	tag_code	species	stock_location_name	run	rearing_type	¹ release_location_psc_region	² release_location_psc_basin	release_location_name	release_location_state	³ release_agency	brood_year	run_year	latitude (degrees)	latitude (minutes)	longitude (degrees)	longitude (minutes)	NMFS_area
2005091059	185140	1	S-DOME CR	1	H	FRTH	UPFR	H-PENNY	BC	CDFO	2002	2005	54	29	-165	40	519
2005091060	630875	1	KALAMA R 27.0002	1	H	LOCR	LEWI	GOBAR POND (27)	WA	WDFW	2002	2005	54	29		40	519
2005091061	310271	1	DECEPTION CR 247-41		H	CNAK	COOK	FORT RICHARDSON	AK	ADFG	2002	2005	56	02	-169	47	517
2005091062	631793	1	KALAMA R 27.0002	1	H	LOCR	LEWI	FALLERT CR HATCHERY	WA	WDFW	2002	2005	56	02	-169	47	517
2005091066	310276	1	DECEPTION CR 247-41		H	CNAK	COOK	ELMENDORF	AK	ADFG	2003	2005	54	23	-165	48	519
2005091067	184807	1	S-BULKLEY R UP	1	H	NASK	SKNA	H-TOBOGGAN CR	BC	CDFO	2002	2005	54	23	-165	48	519
2005091068	310194	1	DECEPTION CR 247-41		H	CNAK	COOK	FORT RICHARDSON	AK	ADFG	2002	2005	55	12	-167	38	517
2006091004	040746	1	CRYSTAL CR		H	SEAK	SEAK	CRYSTAL LK/ANITA BAY	AK	SSRA	2001	2006	55		-164		509
2006091012	184942	1	S-WANNOCK R	2	H	COBC	RIVR	H-SNOOTLI CR	BC	CDFO	2002	2006	55	17	-164	30	509
2006091015	185561	1	S-ROBERTSON CR	3	H	WCVI	SWVI	H-ROBERTSON CR	BC	CDFO	2003	2006	55	26	-163	57	509
2006091017	040804	1	STIKINE R 108-40		W	SEAK	SEAK	NA	AK	ADFG	2002	2006	55	19	-164	29	509
2006091023	184938	1	S-ATNARKO R UP	2	H	COBC	CCST	H-SNOOTLI CR	BC	CDFO	2002	2006	55	20	-164	17	509
2006091024	185410	1	S-CONUMA R	3	H	WCVI	NWVI	H-CONUMA R	BC	CDFO	2002	2006	54	46	-165	41	517
2006091025	040886	1	CRYSTAL CR		H	SEAK	SEAK	CRYSTAL LAKE	AK	SSRA	2002	2006	54	45	-165	52	517
2006091026	092714	1	TRASK R (TRASK HT)	3	H	NOOR	NECA	TRASK R HATCHERY	OR	ODFW	2003	2006	54	45	-165	52	517
2006091027	093842	1	TRASK R (TRASK HT)	3	H	NOOR	WTN	TRASK R HATCHERY	OR	ODFW	2002	2006	54	45	-165	52	519
2006091028	093958	1	GARDINER CR (UMPQUA)	3	H	SOOR	UMPQ	GARDINER CR (STEP)	OR	ODFW	2003	2006	54	45	-165	52	519
2006091029	632376	1	NASELLE R 24.0543	3	H	WILP	WILP	NASELLE HATCHERY	WA	WDFW	2003	2006	54	47	-166	9	517
2006091030	631542	1	KALAMA R 27.0002	1	H	LOCR	LEWI	GOBAR POND (27)	WA	WDFW	2002	2006	54	45	-165	52	519
2006091031	310256	1	NINILCHIK R 244-20		H	CNAK	COOK	FORT RICHARDSON	AK	ADFG	2002	2006	54	49	-166	25	517
2006091033	093815	1	SALMON R	3	H	NOOR	SIYA	SALMON R HATCHERY	OR	ODFW	2002	2006	54	52	-166	35	517
2006091034	310275	1	DECEPTION CR 247-41		H	CNAK	COOK	ELMENDORF	AK	ADFG	2003	2006	54	46	-166	38	517
2006091036	184621	1	S-KITSUM ABV CANYON	2	H	NASK	SKNA	H-TERRACE	BC	CDFO	2000	2006	55	46	-164	4	509
2006091039	632390	1	HUMPTULIPS R 22.0004	3	H	GRAY	GRAY	HUMPTULIPS HATCHERY	WA	WDFW	2003	2006	54	45	-165	52	519
2006091040	210545	1	QUEETS R 21.0016	3	H	NWC	QEQU	SALMON R FISH CULTUR	WA	QDNR	2003	2006	54	45	-165	52	519
2006091041	310276	1	DECEPTION CR 247-41		H	CNAK	COOK	ELMENDORF	AK	ADFG	2003	2006	55	40	-168	49	517

Table 2.

recovery_id	tag_code	species	stock_location_name	run	rearing_type	¹ release_location_psc_region	² release_location_psc_basin	release_location_name	release_location_state	³ release_agency	brood_year	run_year	latitude (degrees)	latitude (minutes)	longitude (degrees)	longitude (minutes)	NMFS_area
2006091042	310280	1	CROOKED CR 221-60		H	CNAK	COOK	FORT RICHARDSON	AK	ADFG	2002	2006	55	39	-168	51	517
2006091043	310275	1	DECEPTION CR 247-41		H	CNAK	COOK	ELMENDORF	AK	ADFG	2003	2006	56	8	-168	52	517
2006091044	310276	1	DECEPTION CR 247-41		H	CNAK	COOK	ELMENDORF	AK	ADFG	2003	2006	55	45	-168	54	517
2006091050	310276	1	DECEPTION CR 247-41		H	CNAK	COOK	ELMENDORF	AK	ADFG	2003	2006	56	9	-168	49	517
2006091054	185057	1	S-KITSUM BEL CANYON	2	H	NASK	SKNA	H-TERRACE	BC	CDFO	2002	2006	56	21	-166	46	517
2006091056	030128	1	CHICKAMIN R 101-71		H	SEAK	SEAK	LITTLE PORT WALTER	AK	NMFS	2002	2006	56	22	-168	14	517
2006091057	040858	1	MEDVEJIE		H	SEAK	SEAK	MEDVEJIE	AK	NSRA	2002	2006	56	22	-168	14	517
2006091058	184937	1	S-ATNARKO R LOW	2	H	COBC	CCST	H-SNOOTLI CR	BC	CDFO	2002	2006	56	25	-169	8	517
2006091067	185101	1	S-YUKON R	1	H	YUKN	YUKN	H-WHITEHORSE	YT	CDFO	2001	2006	55	42	-168	53	517

¹Region: COBC=Coastal British Columbia, CNAK=Alaska Central, GRAY=Grays Harbor, LOCR=Lower Columbia R. (mouth to Bonneville Dam), NASK=Nass R. - Skeena R, NOOR=North Coastal Oregon, NWC=North Washington Coast, SEAK=Southeast Alaska, SOOR=South Coastal Oregon, UPCR=Upper Columbia R (above McNary Dam; excluding Snake R); WCVI=Western Vancouver Island, WILP=Willapa R, YUKN=Yukon Territory (Yukon R. in Yukon Territory only).

²Basin (if different than region): CCST=Central Coastal BC, COOK=Cook Inlet, LEWI=Lewis R./WA, NECA=Necanicum R., NWVI=NW Vancouver Island, QEQU=Queets R.-Quinault R., RIVR=Rivers & Smith Inlets, SIUS=Siuslaw R., SIYA=Siletz R.-Yaquina R., SKNA=Skeena R., SWVI=SW Vancouver Island, UMPQ=Umpqua R., UPCR=Upper Columbia R.; general, UPFR=Upper Fraser R. (above Hope+tribs; excluding Thompson R), WILL=Willamette R., WTN=Wilson R.-Trask R.-Nestucca R.

³Agency: ADFG=Alaska Department of Fish & Game, CDFO=Canadian Department of Fisheries and Oceans, CRFC=Columbia River Inter-Tribal Fish Commission, NMFS=National Marine Fisheries Service (AK), NSRA=Northern Southeast Regional Aquaculture Assn. (AK), ODFW=Oregon Department of Fish & Wildlife, QDNR=Quinault Department of Natural Resources, SSRA=Southern Southeast Regional Aquaculture Assn. (AK), WDFW=Washington Department of Fish & Wildlife.

Table 3. Release and recovery information for CWT salmon (*Oncorhynchus spp.*) captured as bycatch in the trawl fishery for Pacific hake (*Merluccius productus*) in the North Pacific Ocean off Washington/Oregon/California (WA/OR/CA). Species: 1 = Chinook salmon, 2 = coho salmon; run: 1 = Spring, 2 = Summer, 3 = Fall; rearing type: H = hatchery, M = mixed hatchery and wild, W = Wild; release state: AK = Alaska, BC = British Columbia, WA = Washington, OR = Oregon, ID = Idaho, CA = California.

recovery_id	tag_code	species	stock_location_name	run	rearing_type	¹ release_location_psc_region	² release_location_psc_basin	release_location_name	release_location_state	³ release_agency	brood_year	run_year	latitude (degrees)	longitude (degrees)
02P1002	093049	1	COLE RIVERS HATCHERY	3	H	LOCR	YOCL	KLASKANINE R N FK	OR	ODFW	1999	2002	44	-124
02P1006	0601061106	1	FEATHER RIVER	1	H	SACR	SFBA	SAN PABLO BAY	CA	CDWR	1999	2002	42	-124
02P1008	065259	1	TRINITY RIVER	3	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	1999	2002	42	-124
02P1014	060253	1	MOKELUMNE RIVER	3	H	SJOA	SJOA	SHERMAN ISL OP JERSY	CA	EBMD	1999	2002	42	-124
02P1018	093043	1	COLE RIVERS	3	H	LOCR	YOCL	YOUNGS R & BAY	OR	ODFW	1999	2002	42	-124
02P1022	093043	1	COLE RIVERS	3	H	LOCR	YOCL	YOUNGS R & BAY	OR	ODFW	1999	2002	42	-124
02P1024	091928	1	UMPQUA R(ROCK CR HT)	1	H	SOOR	UMPQ	ROCK CR (N UMPQUA R)	OR	ODFW	1998	2002	42	-124
02P1036	062939	1	AMERICAN RIVER	3	H	CECA	SFBA	TIBURON NET PENS	CA	TYEE	1998	2002	42	-124
02P1042	091928	1	UMPQUA R(ROCK CR HT)	1	H	SOOR	UMPQ	ROCK CR (N UMPQUA R)	OR	ODFW	1998	2002	42	-124
02P1048	630476	1	SNAKE R-LOWR 33.0002	3	H	SNAK	LOSN	SNAKE R-LOWR 33.0002	WA	WDFW	1999	2002	48	-124
02P1052	630476	1	SNAKE R-LOWR 33.0002	3	H	SNAK	LOSN	SNAKE R-LOWR 33.0002	WA	WDFW	1999	2002	48	-124
02P1060	054525	1	SPRING CR 29.0159	3	H	CECR	WIND	SPRING CR 29.0159	WA	FWS	2000	2002	48	-124
02P1065	630197	1	SKAGIT R 03.0176	1	H	SKAG	SKAG	CASCADE R 03.1411	WA	WDFW	1999	2002	48	-125
02P1073	630476	1	SNAKE R-LOWR 33.0002	3	H	SNAK	LOSN	SNAKE R-LOWR 33.0002	WA	WDFW	1999	2002	48	-124
02P1078	210153	1	GROVERS CR 15.0299	3	H	MPS	EKPN	GROVERS CR HATCHERY	WA	SUQ	1999	2002	48	-124
02P1086	631012	1	LYONS FERRY HATCHERY	8	H	SNAK	CLEA	CLWTR@BIG CANYON CRK	ID	NEZP	1998	2002	48	-124
02P1090	184124	1	S-CHILLIWACK R	3	H	FRTH	LWFR	R-CHILLIWACK R	BC	CDFO	1999	2002	48	-124
02P1098	184126	1	S-CHILLIWACK R	3	H	FRTH	LWFR	R-CHILLIWACK R	BC	CDFO	1999	2002	48	-124
02P2001	093039	1	COLE RIVERS HATCHERY	3	H	LOCR	YOCL	YOUNGS R & BAY	OR	ODFW	1999	2002	44	-124
02P2003	092810	1	ELK R (ELK R HT)	3	H	SOOR		ELK RIVER	OR	ODFW	1998	2002	43	-124
02P2004	064606	1	MERCED RIVER	3	H	SJOA	SJOA	MOSSDALE	CA	CDFG	1998	2002	42	-124
02P2007	630612	1	WENATCHEE R 45.0030	2	H	UPCR	WECH	WENATCHEE R 45.0030	WA	WDFW	1997	2002	42	-124

Table 3.

recovery_id	tag_code	species	stock_location_name	run	rearing_type	¹ release_location_psc_region	² release_location_psc_basin	release_location_name	release_location_state	³ release_agency	brood_year	run_year	latitude (degrees)	longitude (degrees)
02P3002	060215	1	MOKELUMNE RIVER	3	H	SACR	GRSU	CROCKETT	CA	EBMD	1998	2002	44	-124
02P3009	631213	1	SNAKE R-LOWR 33.0002	3	H	SNAC	LOSN	SNAKE R-LOWR 33.0002	WA	WDFW	1998	2002	44	-124
02P3012	093049	1	COLE RIVERS HATCHERY	3	H	LOCR	YOCL	KLASKANINE R N FK	OR	ODFW	1999	2002	44	-124
02P3014	0501021315	1	COLEMAN NFH	3	H	SACR	SACR	COLEMAN NFH	CA	FWS	1999	2002	44	-124
02P3016	0501021502	1	COLEMAN NFH	3	H	SACR	SACR	COLEMAN NFH	CA	FWS	1999	2002	44	-124
02P3020	0501021407	1	COLEMAN NFH	3	H	SACR	SACR	COLEMAN NFH	CA	FWS	1999	2002	44	-124
02P3021	091915	1	COOS R - PUBLIC	3	H	SOOR	COOS	MORGAN CR (COOS R)	OR	ODFW	1999	2002	44	-124
02P3024	093049	1	COLE RIVERS HATCHERY	3	H	LOCR	YOCL	KLASKANINE R N FK	OR	ODFW	1999	2002	44	-124
02P3053	060253	1	MOKELUMNE RIVER	3	H	SJOA	SJOA	SHERMAN ISL OP JERSY	CA	EBMD	1999	2002	42	-124
02P3054	055208	1	COLEMAN NFH	7	H	SACR	SACR	COLEMAN NFH	CA	FWS	1999	2002	42	-124
02P3072	092710	1	ROGUE R LWR	3	H	SOOR	ROGU	ROGUE R 1	OR	ODFW	1999	2002	42	-124
02P3076	0601120310	1	BUTTE CREEK	1	W	SACR	SACR	BALDWIN CONST. YARD	CA	CDFG	1999	2002	42	-124
02P3094	060254	1	MOKELUMNE RIVER	3	H	SACR	SJOA	SHERMAN ISL OP JERSY	CA	EBMD	1999	2002	42	-124
02P4000	092757	1	COLE RIVERS		H	LOCR		YOUNGS R & BAY	OR	ODFW	1998	2002	42	-124
02P5001	093048	1	COLE RIVERS HATCHERY	3	H	LOCR	YOCL	KLASKANINE R N FK	OR	ODFW	1999	2002	44	-124
02P5002	093040	1	COLE RIVERS	3	H	LOCR	YOCL	YOUNGS R & BAY	OR	ODFW	1999	2002	44	-124
02P5003	093041	1	COLE RIVERS HATCHERY	3	H	LOCR	YOCL	YOUNGS R & BAY	OR	ODFW	1999	2002	44	-124
02P5004	093052	1	ELK R (ELK R HT)	3	H	SOOR	SIXE	ELK R	OR	ODFW	1999	2002	44	-124
02P5005	065259	1	TRINITY RIVER	3	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	1999	2002	44	-124
02P5006	093048	1	COLE RIVERS HATCHERY	3	H	LOCR	YOCL	KLASKANINE R N FK	OR	ODFW	1999	2002	44	-124
02P5007	065259	1	TRINITY RIVER	3	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	1999	2002	43	-124
02P5008	093048	1	COLE RIVERS HATCHERY	3	H	LOCR	YOCL	KLASKANINE R N FK	OR	ODFW	1999	2002	43	-124
02P5009	065259	1	TRINITY RIVER	3	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	1999	2002	42	-124
02P5010	091928	1	UMPQUA R(ROCK CR HT)	1	H	SOOR	UMPQ	ROCK CR (N UMPQUA R)	OR	ODFW	1998	2002	42	-124
02P5012	065254	1	TRINITY RIVER	3	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	1999	2002	42	-124
02P5013	065256	1	TRINITY RIVER	3	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	1999	2002	42	-124

Table 3.

recovery_id	tag_code	species	stock_location_name	run	rearing_type	¹ release_location_psc_region	² release_location_psc_basin	release_location_name	release_location_state	³ release_agency	brood_year	run_year	latitude (degrees)	longitude (degrees)
02P6002	093040	1	COLE RIVERS	3	H	LOCR	YOCL	YOUNGS R & BAY	OR	ODFW	1999	2002	42	-124
02P6003	065259	1	TRINITY RIVER	3	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	1999	2002	42	-124
02P7002	092760	1	COLE RIVERS	3	H	LOCR		KLASKANINE R, N FK	OR	ODFW	1998	2002	44	-124
02P7007	060254	1	MOKELUMNE RIVER	3	H	SACR	SJOA	SHERMAN ISL OP JERSY	CA	EBMD	1999	2002	44	-124
02P7010	0501021412	1	COLEMAN NFH	3	H	SACR	SACR	COLEMAN NFH	CA	FWS	1999	2002	44	-124
02P7011	060254	1	MOKELUMNE RIVER	3	H	SACR	SJOA	SHERMAN ISL OP JERSY	CA	EBMD	1999	2002	43	-124
02P7013	093048	1	COLE RIVERS HATCHERY	3	H	LOCR	YOCL	KLASKANINE R N FK	OR	ODFW	1999	2002	43	-124
02P7014	0501021315	1	COLEMAN NFH	3	H	SACR	SACR	COLEMAN NFH	CA	FWS	1999	2002	43	-124
02P7018	093050	1	GARDINER CR (UMPQUA)	3	H	SOOR	UMPQ	GARDINER CR (UMPQUA)	OR	ODFW	1999	2002	43	-124
02P7020	093054	1	ROGUE R LWR	3	H	SOOR	ROGU	ROGUE R 1	OR	ODFW	1999	2002	42	-124
02P7026	055133	1	COLEMAN NFH	7	H	SACR	SACR	RYDE-KOKET	CA	FWS	1999	2002	42	-124
02P7027	064560	1	SAN JOAQ.R, AB BROAD	3	H	SJOA	SJOA	OLD FISHERMANS CLUB	CA	CDFG	1999	2002	42	-124
02P8039	065250	1	TRINITY RIVER	1	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	1998	2002	42	-124
02P8042	062641	1	TRINITY RIVER	3	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	1998	2002	42	-124
02P8044	091937	1	UMPQUA R(ROCK CR HT)	1	H	SOOR	UMPQ	ROCK CR (N UMPQUA R)	OR	ODFW	1999	2002	42	-124
02P8047	092761	1	COLE RIVERS HATCHERY	1	H	SOOR	ROGU	ROGUE R 4	OR	ODFW	1998	2002	42	-124
03B0003	065270	1	TRINITY RIVER	1	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	2000	2003	43	-124
03B0031	065280	1	TRINITY RIVER	3	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	2000	2003	43	-124
03B0069	093312	1	COLE RIVERS HATCHERY	3	H	LOCR	YOCL	KLASKANINE R N FK	OR	ODFW	2000	2003	43	-124
03B0109	064442	1	MERCED RIVER	3	H	SJOA	SJOA	JERSEY PT,SAN JOAQ.R	CA	CDFG	2000	2003	42	-124
03B0118	065280	1	TRINITY RIVER	3	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	2000	2003	42	-124
03B0130	065456	1	AMERICAN RIVER	3	H	SACR	SFBA	WICKLAND OIL NET PEN	CA	CDFG	2000	2003	43	-124
03B0142	090117	1	ROGUE R LWR	3	H	SOOR	ROGU	ROGUE R 1	OR	ODFW	2000	2003	42	-124
03B0145	093231	1	UMPQUA R(ROCK CR HT)	1	H	SOOR	UMPQ	ROCK CR (N UMPQUA R)	OR	ODFW	2000	2003	42	-124
03B0155	093304	1	COLE RIVERS HATCHERY	1	H	SOOR	ROGU	ROGUE R 4	OR	ODFW	2000	2003	42	-124
03B0158	065280	1	TRINITY RIVER	3	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	2000	2003	42	-124

Table 3.

recovery_id	tag_code	species	stock_location_name	run	rearing_type	¹ release_location_psc_region	² release_location_psc_basin	release_location_name	release_location_state	³ release_agency	brood_year	run_year	latitude (degrees)	longitude (degrees)
03B0176	062090	1	FEATHER RIVER	3	H	SACR	SFBA	WICKLAND OIL NET PEN	CA	CDFG	2001	2003	43	-124
03B0178	093232	1	UMPQUA R(ROCK CR HT)	7	H	SOOR	UMPQ	ROCK CR (N UMPQUA R)	OR	ODFW	2000	2003	43	-124
03B0180	062664	1	FEATHER RIVER	3	H	SACR	SFBA	WICKLAND OIL NET PEN	CA	CDFG	2000	2003	43	-124
03B0198	093232	1	UMPQUA R(ROCK CR HT)	7	H	SOOR	UMPQ	ROCK CR (N UMPQUA R)	OR	ODFW	2000	2003	42	-124
03B0224	093260	1	COLE RIVERS HATCHERY	3	H	LOCR	YOCL	YOUNGS R & BAY	OR	ODFW	2000	2003	43	-124
03B0227	092939	1	CHETCO R	3	H	SOOR	CHET	CHETCO R	OR	ODFW	2000	2003	43	-124
03B0228	093041	1	COLE RIVERS HATCHERY	3	H	LOCR	YOCL	YOUNGS R & BAY	OR	ODFW	1999	2003	43	-124
03B0238	066354	1	KLAMATH RIVER	3	H	KLAM	KLAM	IRON GATE HATCHERY	CA	CDFG	2000	2003	43	-124
03B0248	065278	1	TRINITY RIVER	3	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	2000	2003	43	-124
03B0250	062941	1	FEATHER RIVER	3	H	CECA	SFBA	TIBURON NET PENS	CA	TYEE	2000	2003	43	-124
03B0280	093232	1	UMPQUA R(ROCK CR HT)	7	H	SOOR	UMPQ	ROCK CR (N UMPQUA R)	OR	ODFW	2000	2003	43	-124
03B0281	065460	1	AMERICAN RIVER	3	H	SACR	SFBA	WICKLAND OIL NET PEN	CA	CDFG	2000	2003	43	-124
03B0282	065275	1	TRINITY RIVER	3	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	2000	2003	43	-124
03B0283	093303	1	COLE RIVERS HATCHERY	1	H	SOOR	ROGU	ROGUE R 4	OR	ODFW	2000	2003	43	-124
03B0285	062665	1	FEATHER RIVER	3	H	SACR	SFBA	WICKLAND OIL NET PEN	CA	CDFG	2000	2003	43	-124
03B0286	093262	1	COLE RIVERS HATCHERY	3	H	LOCR	YOCL	YOUNGS R & BAY	OR	ODFW	2000	2003	43	-124
03B0287	065456	1	AMERICAN RIVER	3	H	SACR	SFBA	WICKLAND OIL NET PEN	CA	CDFG	2000	2003	43	-124
03B0288	093511	1	COLE RIVERS HATCHERY	3	H	LOCR	YOCL	YOUNGS R & BAY	OR	ODFW	2001	2003	43	-124
03B0293	065259	1	TRINITY RIVER	3	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	1999	2003	43	-124
03B0313	065280	1	TRINITY RIVER	3	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	2000	2003	42	-124
03B0318	091936	1	UMPQUA R(ROCK CR HT)	1	H	SOOR	UMPQ	ROCK CR (N UMPQUA R)	OR	ODFW	1999	2003	43	-124
03B0323	065280	1	TRINITY RIVER	3	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	2000	2003	43	-124
03B0327	090118	1	ROGUE R LWR	3	H	SOOR	ROGU	ROGUE R 1	OR	ODFW	2000	2003	43	-124
03B0338	093049	1	COLE RIVERS HATCHERY	3	H	LOCR	YOCL	KLASKANINE R N FK	OR	ODFW	1999	2003	43	-124
03B0376	050764	1	COLEMAN NFH	7	H	SACR	SACR	BATTLE CREEK	CA	FWS	2001	2003	42	-124
03B0377	065460	1	AMERICAN RIVER	3	H	SACR	SFBA	WICKLAND OIL NET PEN	CA	CDFG	2000	2003	42	-124

Table 3.

recovery_id	tag_code	species	stock_location_name	run	rearing_type	¹ release_location_psc_region	² release_location_psc_basin	release_location_name	release_location_state	³ release_agency	brood_year	run_year	latitude (degrees)	longitude (degrees)
03B0378	065457	1	AMERICAN RIVER	3	H	SACR	SFBA	WICKLAND OIL NET PEN	CA	CDFG	2000	2003	42	-124
03B0379	065460	1	AMERICAN RIVER	3	H	SACR	SFBA	WICKLAND OIL NET PEN	CA	CDFG	2000	2003	42	-124
03B0380	062680	1	FEATHER RIVER	1	H	CECA	SFBA	RODEO MINOR PORT	CA	CDWR	2000	2003	42	-124
03B0381	065460	1	AMERICAN RIVER	3	H	SACR	SFBA	WICKLAND OIL NET PEN	CA	CDFG	2000	2003	42	-124
03B0382	055137	1	COLEMAN NFH	7	H	SACR	SACR	WALNUT GROVE	CA	FWS	2000	2003	42	-124
03B0383	062665	1	FEATHER RIVER	3	H	SACR	SFBA	WICKLAND OIL NET PEN	CA	CDFG	2000	2003	42	-124
03B0389	065259	1	TRINITY RIVER	3	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	1999	2003	42	-124
03B0390	062679	1	FEATHER RIVER	1	H	CECA	SFBA	RODEO MINOR PORT	CA	CDWR	2000	2003	42	-124
03B0391	055135	1	COLEMAN NFH	7	H	SACR	SACR	BATTLE CREEK	CA	FWS	2001	2003	42	-124
03B0392	062664	1	FEATHER RIVER	3	H	SACR	SFBA	WICKLAND OIL NET PEN	CA	CDFG	2000	2003	42	-124
03B0394	062669	1	FEATHER RIVER	3	H	SACR	SFBA	WICKLAND OIL NET PEN	CA	CDWR	2000	2003	42	-124
03B0395	066354	1	KLAMATH RIVER	3	H	KLAM	KLAM	IRON GATE HATCHERY	CA	CDFG	2000	2003	42	-124
03B0401	050776	1	COLEMAN NFH	7	H	SJOA	MOKE	GEORGIANNA SLOUGH	CA	FWS	2001	2003	44	-124
03B0402	631273	1	SNAKE R-LOWR 33.0002	8	H	SNAK	SNAKG	SNK BLW GRANDE RHOND	ID	WDFW	2000	2003	44	-124
03B0403	060271	1	MOKELUMNE RIVER	3	H	SJOA	SJOA	JERSEY PT,SAN JOAQ.R	CA	EBMD	2000	2003	44	-124
03B0404	090117	1	ROGUE R LWR	3	H	SOOR	ROGU	ROGUE R 1	OR	ODFW	2000	2003	44	-124
03B0405	065259	1	TRINITY RIVER	3	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	1999	2003	44	-124
03B0406	050769	1	COLEMAN NFH	7	H	SACR	SACR	BATTLE CREEK	CA	FWS	2001	2003	44	-124
03B0407	050470	1	COLEMAN NFH	7	H	SACR	SACR	BATTLE CREEK	CA	FWS	2000	2003	44	-124
03B0408	093313	1	COLE RIVERS HATCHERY	3	H	LOCR	YOCL	KLASKANINE R N FK	OR	ODFW	2000	2003	44	-124
03B0409	065280	1	TRINITY RIVER	3	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	2000	2003	44	-124
03B0410	093232	1	UMPQUA R(ROCK CR HT)	7	H	SOOR	UMPQ	ROCK CR (N UMPQUA R)	OR	ODFW	2000	2003	44	-124
03B0411	066354	1	KLAMATH RIVER	3	H	KLAM	KLAM	IRON GATE HATCHERY	CA	CDFG	2000	2003	44	-124
03B0412	065280	1	TRINITY RIVER	3	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	2000	2003	44	-124
03B0413	062664	1	FEATHER RIVER	3	H	SACR	SFBA	WICKLAND OIL NET PEN	CA	CDFG	2000	2003	44	-124
03B0414	065275	1	TRINITY RIVER	3	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	2000	2003	44	-124

Table 3.

recovery_id	tag_code	species	stock_location_name	run	rearing_type	¹ release_location_psc_region	² release_location_psc_basin	release_location_name	release_location_state	³ release_agency	brood_year	run_year	latitude (degrees)	longitude (degrees)
03B0415	064417	1	MERCED RIVER	3	H	SJOA	MERC	MERCED R FISH FACIL.	CA	CDFG	2000	2003	44	-124
03B0416	062732	1	FEATHER RIVER	1	H	SACR	FEA	LIVE OAK	CA	CDWR	2001	2003	44	-124
03B0417	065278	1	TRINITY RIVER	3	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	2000	2003	44	-124
03B0418	065267	1	TRINITY RIVER	3	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	2000	2003	44	-124
03B0419	093303	1	COLE RIVERS HATCHERY	1	H	SOOR	ROGU	ROGUE R 4	OR	ODFW	2000	2003	44	-124
03B0424	062669	1	FEATHER RIVER	3	H	SACR	SFBA	WICKLAND OIL NET PEN	CA	CDWR	2000	2003	44	-124
03B0425	630697	1	COWLITZ R 26.0002	1	H	LOCR	COWL	COWLITZ R 26.0002	WA	WDFW	2000	2003	44	-124
03B0426	050499	1	COLEMAN NFH	3	H	SACR	SACR	BATTLE CREEK	CA	FWS	2000	2003	44	-124
03B0427	065460	1	AMERICAN RIVER	3	H	SACR	SFBA	WICKLAND OIL NET PEN	CA	CDFG	2000	2003	44	-124
03B0428	050768	1	COLEMAN NFH	7	H	SACR	SFBA	PORT CHICAGO	CA	FWS	2001	2003	44	-124
03B0429	062670	1	FEATHER RIVER	3	H	SACR	SFBA	WICKLAND OIL NET PEN	CA	CDWR	2000	2003	44	-124
03B0430	093261	1	COLE RIVERS HATCHERY	3	H	LOCR	YOCL	YOUNGS R & BAY	OR	ODFW	2000	2003	44	-124
03B0431	065456	1	AMERICAN RIVER	3	H	SACR	SFBA	WICKLAND OIL NET PEN	CA	CDFG	2000	2003	44	-124
03B0433	093312	1	COLE RIVERS HATCHERY	3	H	LOCR	YOCL	KLASKANINE R N FK	OR	ODFW	2000	2003	44	-124
03B0434	062670	1	FEATHER RIVER	3	H	SACR	SFBA	WICKLAND OIL NET PEN	CA	CDWR	2000	2003	44	-124
03B0435	065459	1	AMERICAN RIVER	3	H	SACR	SFBA	WICKLAND OIL NET PEN	CA	CDFG	2000	2003	44	-124
03B0436	050569	1	COLEMAN NFH	3	H	SACR	SACR	BATTLE CREEK	CA	FWS	2000	2003	44	-124
03B0437	062665	1	FEATHER RIVER	3	H	SACR	SFBA	WICKLAND OIL NET PEN	CA	CDFG	2000	2003	44	-124
03B0438	065268	1	TRINITY RIVER	3	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	2000	2003	44	-124
03B0439	093259	1	COLE RIVERS HATCHERY	3	H	LOCR	YOCL	YOUNGS R & BAY	OR	ODFW	2000	2003	44	-124
03B0440	093231	1	UMPQUA R(ROCK CR HT)	1	H	SOOR	UMPQ	ROCK CR (N UMPQUA R)	OR	ODFW	2000	2003	44	-124
03B0441	062671	1	FEATHER RIVER	3	H	SACR	SFBA	WICKLAND OIL NET PEN	CA	CDWR	2000	2003	44	-124
03B0442	631271	1	WENATCHEE R 45.0030	2	M	UPCR	WECH	WENATCHEE R 45.0030	WA	WDFW	2000	2003	44	-124
03B0443	050769	1	COLEMAN NFH	7	H	SACR	SACR	BATTLE CREEK	CA	FWS	2001	2003	44	-124
03B0444	065267	1	TRINITY RIVER	3	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	2000	2003	44	-124
03B0445	062723	1	MOKELUMNE RIVER	3	H	SJOA	SJOA	JERSEY PT,SAN JOAQ.R	CA	EBMD	2001	2003	44	-124

Table 3.

recovery_id	tag_code	species	stock_location_name	run	rearing_type	¹ release_location_psc_region	² release_location_psc_basin	release_location_name	release_location_state	³ release_agency	brood_year	run_year	latitude (degrees)	longitude (degrees)
03B0446	062664	1	FEATHER RIVER	3	H	SACR	SFBA	WICKLAND OIL NET PEN	CA	CDFG	2000	2003	44	-124
03B0447	631273	1	SNAKE R-LOWR 33.0002	8	H	SNAC	SNAKG	SNK BLW GRANDE RHOND	ID	WDFW	2000	2003	44	-124
03B0448	050467	1	COLEMAN NFH	7	H	SACR	SACR	BATTLE CREEK	CA	FWS	2000	2003	44	-124
03B0449	0501030507	1	COLEMAN NFH	3	H	SACR	SACR	BATTLE CREEK	CA	FWS	2000	2003	44	-124
03B0450	050776	1	COLEMAN NFH	7	H	SJOA	MOKE	GEORGIANNA SLOUGH	CA	FWS	2001	2003	44	-124
03B0451	093052	1	ELK R (ELK R HT)	3	H	SOOR	SIXE	ELK R	OR	ODFW	1999	2003	44	-124
03B0452	065279	1	TRINITY RIVER	1	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	2000	2003	44	-124
03B0453	065460	1	AMERICAN RIVER	3	H	SACR	SFBA	WICKLAND OIL NET PEN	CA	CDFG	2000	2003	44	-124
03B0454	065280	1	TRINITY RIVER	3	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	2000	2003	44	-124
03B0455	093314	1	GARDINER CR (UMPQUA)	3	H	SOOR	UMPQ	UMPQUA R	OR	ODFW	2000	2003	44	-124
03B0456	062671	1	FEATHER RIVER	3	H	SACR	SFBA	WICKLAND OIL NET PEN	CA	CDWR	2000	2003	44	-124
03B0458	065273	1	TRINITY RIVER	3	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	2000	2003	44	-124
03B0459	065280	1	TRINITY RIVER	3	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	2000	2003	44	-124
03B0460	093052	1	ELK R (ELK R HT)	3	H	SOOR	SIXE	ELK R	OR	ODFW	1999	2003	44	-124
03B0461	064429	1	MERCED RIVER	3	H	SJOA	SJOA	DURHAM FERRY	CA	CDFG	2000	2003	44	-124
03B0462	062665	1	FEATHER RIVER	3	H	SACR	SFBA	WICKLAND OIL NET PEN	CA	CDFG	2000	2003	44	-124
03B0463	050880	1	COLEMAN NFH	3	H	SACR	SACR	COLEMAN NFH	CA	FWS	2001	2003	44	-124
03B0464	062738	1	FEATHER RIVER	3	H	SACR	SFBA	WICKLAND OIL NET PEN	CA	CDWR	2001	2003	44	-124
03B0465	065455	1	AMERICAN RIVER	3	H	SACR	SFBA	WICKLAND OIL NET PEN	CA	CDFG	2000	2003	44	-124
03B0466	065280	1	TRINITY RIVER	3	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	2000	2003	44	-124
03B0467	630685	1	GEORGE ADAMS (PURDY)	3	H	HOOD	SKDO	PURDY CR 16.0005	WA	WDFW	2000	2003	44	-124
03B0468	630873	1	COWLITZ R 26.0002	1	H	LOCR	COWL	COWLITZ R 26.0002	WA	WDFW	2000	2003	44	-124
03B0469	062722	1	MOKELUMNE RIVER	3	H	SJOA	SJOA	JERSEY PT,SAN JOAQ.R	CA	EBMD	2001	2003	44	-124
03B0470	062735	1	FEATHER RIVER	3	H	SACR	SFBA	WICKLAND OIL NET PEN	CA	CDWR	2001	2003	44	-124
03B0471	062737	1	FEATHER RIVER	3	H	SACR	SFBA	WICKLAND OIL NET PEN	CA	CDWR	2001	2003	44	-124
03B0472	0501040302	1	COLEMAN NFH	3	H	SACR	SACR	CLARKSBURG	CA	FWS	2001	2003	44	-124

Table 3.

recovery_id	tag_code	species	stock_location_name	run	rearing_type	¹ release_location_psc_region	² release_location_psc_basin	release_location_name	release_location_state	³ release_agency	brood_year	run_year	latitude (degrees)	longitude (degrees)
03B0473	062738	1	FEATHER RIVER	3	H	SACR	SFBA	WICKLAND OIL NET PEN	CA	CDWR	2001	2003	44	-124
03B0474	064460	1	MERCED RIVER	3	H	SJOA	SJOA	JERSEY PT,SAN JOAQ.R	CA	FWS	2001	2003	44	-124
03B0475	090118	1	ROGUE R LWR	3	H	SOOR	ROGU	ROGUE R 1	OR	ODFW	2000	2003	44	-124
03B0477	184550	1	S-HARRISON R	3	H	FRTH	LWFR	R-CHEHALIS R	BC	CDFO	2000	2003	48	-124
03B0478	210279	1	GROVERS CR 15.0299	3	H	MPS	EKPN	GROVERS CR HATCHERY	WA	SUQ	2000	2003	48	-124
03B0479	630872	1	COWLITZ R 26.0002	1	H	LOCR	COWL	COWLITZ R 26.0002	WA	WDFW	2000	2003	48	-125
03B0480	631288	1	COWLITZ R 26.0002	1	H	LOCR	GREL	DEEP R 25.0071	WA	WDFW	2000	2003	48	-125
03B0481	062738	1	FEATHER RIVER	3	H	SACR	SFBA	WICKLAND OIL NET PEN	CA	CDWR	2001	2003	48	-125
03B0482	630884	1	COWLITZ R 26.0002	1	H	LOCR	COWL	GREEN R 26.0323	WA	WDFW	2000	2003	48	-125
03B0483	630995	1	WELLS HATCHERY	2	H	UPCR	WECH	COLUMBIA NEAR WELLS	WA	WDFW	2000	2003	48	-125
03B0484	062664	1	FEATHER RIVER	3	H	SACR	SFBA	WICKLAND OIL NET PEN	CA	CDFG	2000	2003	48	-125
03B0485	065458	1	AMERICAN RIVER	3	H	SACR	SFBA	WICKLAND OIL NET PEN	CA	CDFG	2000	2003	48	-125
03B0487	630665	1	WHITE R 10.0031	1	H	SPS	EKPS	MINTER CR 15.0048	WA	WDFW	2000	2003	48	-124
03B0488	210269	1	KALAMA CR 11.0017	3	H	SPS	NISQ	KALAMA CR 11.0017	WA	NISQ	2000	2003	48	-124
03B0489	065455	1	AMERICAN RIVER	3	H	SACR	SFBA	WICKLAND OIL NET PEN	CA	CDFG	2000	2003	48	-124
03B0490	184550	1	S-HARRISON R	3	H	FRTH	LWFR	R-CHEHALIS R	BC	CDFO	2000	2003	48	-124
03B0491	184612	1	S-CHILLIWACK R	3	H	FRTH	LWFR	R-CHILLIWACK R	BC	CDFO	2000	2003	48	-124
03B0492	630676	1	SAMISH (FRIDAY CR)	3	H	NOOK	SAM	FRIDAY CR 03.0017	WA	WDFW	2000	2003	48	-124
03B0493	630189	1	CLEAR CR 11.0013C	3	H	SPS	NISQ	CLEAR CR 11.0013C	WA	NISQ	2000	2003	48	-124
03B0495	630678	1	LYONS FERRY HATCHERY	8	H	SNAK	SNAKG	SNAKE R @PITTSBURG L	WA	NEZP	2000	2003	48	-124
03B0496	630996	1	METHOW & OKANOGAN	2	M	UPCR	MEOK	SIMILKAMEEN R 490325	WA	WDFW	2000	2003	48	-124
03B0497	184615	1	S-CHILLIWACK R	3	H	FRTH	LWFR	R-CHILLIWACK R	BC	CDFO	2000	2003	48	-124
03B0498	630866	1	COWLITZ R 26.0002	1	H	LOCR	COWL	COWLITZ R 26.0002	WA	WDFW	2000	2003	48	-124
03E2174	066353	1	KLAMATH RIVER	3	H	KLAM	KLAM	IRON GATE HATCHERY	CA	CDFG	2000	2003	43	-124
03E2175	066354	1	KLAMATH RIVER	3	H	KLAM	KLAM	IRON GATE HATCHERY	CA	CDFG	2000	2003	43	-124
03E2176	093260	1	COLE RIVERS HATCHERY	3	H	LOCR	YOCL	YOUNGS R & BAY	OR	ODFW	2000	2003	43	-124

Table 3.

recovery_id	tag_code	species	stock_location_name	run	rearing_type	¹ release_location_psc_region	² release_location_psc_basin	release_location_name	release_location_state	³ release_agency	brood_year	run_year	latitude (degrees)	longitude (degrees)
03E2178	065280	1	TRINITY RIVER	3	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	2000	2003	43	-124
03E2179	093231	1	UMPQUA R(ROCK CR HT)	1	H	SOOR	UMPQ	ROCK CR (N UMPQUA R)	OR	ODFW	2000	2003	43	-124
03E2182	090118	1	ROGUE R LWR	3	H	SOOR	ROGU	ROGUE R 1	OR	ODFW	2000	2003	44	-124
03E2184	065280	1	TRINITY RIVER	3	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	2000	2003	44	-124
03E2188	065280	1	TRINITY RIVER	3	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	2000	2003	44	-124
03E2191	093312	1	COLE RIVERS HATCHERY	3	H	LOCR	YOCL	KLASKANINE R N FK	OR	ODFW	2000	2003	44	-124
03E2192	093232	1	UMPQUA R(ROCK CR HT)	7	H	SOOR	UMPQ	ROCK CR (N UMPQUA R)	OR	ODFW	2000	2003	44	-124
03E2193	065458	1	AMERICAN RIVER	3	H	SACR	SFBA	WICKLAND OIL NET PEN	CA	CDFG	2000	2003	44	-124
03E2198	184916	1	S-CHILLIWACK R	3	H	FRTH	LWFR	R-CHILLIWACK R	BC	CDFO	2001	2003	48	-124
03E2199	630997	1	METHOW & OKANOGAN	2	H	UPCR	MEOK	METHOW R 48.0002	WA	WDFW	2000	2003	48	-124
03E2200	093132	1	WILLAMETTE R MID FK	1	H	LOCR	YOCL	BLIND SL (LWR COL R)	OR	ODFW	1999	2003	48	-125
03E2202	631038	1	TOUTLE R 26.0227	3	H	LOCR	COWL	GREEN R 26.0323	WA	WDFW	1998	2003	48	-124
03E2301	065457	1	AMERICAN RIVER	3	H	SACR	SFBA	WICKLAND OIL NET PEN	CA	CDFG	2000	2003	44	-124
03E2302	092939	1	CHETCO R	3	H	SOOR	CHET	CHETCO R	OR	ODFW	2000	2003	44	-124
03E2303	050566	1	COLEMAN NFH	3	H	SACR	SACR	BATTLE CREEK	CA	FWS	2000	2003	44	-124
03E2304	093231	1	UMPQUA R(ROCK CR HT)	1	H	SOOR	UMPQ	ROCK CR (N UMPQUA R)	OR	ODFW	2000	2003	44	-124
03E2305	065280	1	TRINITY RIVER	3	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	2000	2003	44	-124
03E2306	062664	1	FEATHER RIVER	3	H	SACR	SFBA	WICKLAND OIL NET PEN	CA	CDFG	2000	2003	44	-124
03E2307	062090	1	FEATHER RIVER	3	H	SACR	SFBA	WICKLAND OIL NET PEN	CA	CDFG	2001	2003	44	-124
03E2308	630877	1	WASHOUGAL R 28.0159	3	H	LOCR	SAWA	WASHOUGAL R 28.0159	WA	WDFW	2000	2003	48	-125
03E2309	630474	1	WENATCHEE R 45.0030	2	H	UPCR	WECH	WENATCHEE R 45.0030	WA	WDFW	1999	2003	48	-125
03E2310	630996	1	METHOW & OKANOGAN	2	M	UPCR	MEOK	SIMILKAMEEN R 490325	WA	WDFW	2000	2003	48	-125
03E2311	631271	1	WENATCHEE R 45.0030	2	M	UPCR	WECH	WENATCHEE R 45.0030	WA	WDFW	2000	2003	48	-125
03E2312	631212	1	LYONS FERRY HATCHERY	3	H	SNAK	SNAKG	SNAKE R @PITTSBURG L	WA	WDFW	1998	2003	48	-125
03E2313	630796	1	COWLITZ R 26.0002	1	H	LOCR	COWL	COWLITZ SALMON HATCH	WA	WDFW	2000	2003	48	-125
03E2314	630989	1	COWLITZ R 26.0002	1	H	LOCR	COWL	COWLITZ R 26.0002	WA	WDFW	2000	2003	48	-125

Table 3.

recovery_id	tag_code	species	stock_location_name	run	rearing_type	¹ release_location_psc_region	² release_location_psc_basin	release_location_name	release_location_state	³ release_agency	brood_year	run_year	latitude (degrees)	longitude (degrees)
03E2315	0501040203	1	COLEMAN NFH	3	H	SACR	SACR	COLEMAN NFH	CA	FWS	2001	2003	48	-125
03E2316	630183	1	LYONS FERRY HATCHERY	8	H	SNAC	SNAKG	CAPTAIN JOHNS PD	WA	NEZP	2000	2003	48	-125
03E2317	630697	1	COWLITZ R 26.0002	1	H	LOCR	COWL	COWLITZ R 26.0002	WA	WDFW	2000	2003	48	-125
03E2318	630872	1	COWLITZ R 26.0002	1	H	LOCR	COWL	COWLITZ R 26.0002	WA	WDFW	2000	2003	48	-125
03E2319	630678	1	LYONS FERRY HATCHERY	8	H	SNAC	SNAKG	SNAKE R @PITTSBURG L	WA	NEZP	2000	2003	48	-125
03E2320	630990	1	COWLITZ R 26.0002	1	H	LOCR	COWL	COWLITZ R 26.0002	WA	WDFW	2000	2003	48	-125
03E2321	631271	1	WENATCHEE R 45.0030	2	M	UPCR	WECH	WENATCHEE R 45.0030	WA	WDFW	2000	2003	48	-125
03E2322	050779	1	SPRING CR 29.0159	3	H	CECR	WIND	SPRING CR 29.0159	WA	FWS	2001	2003	48	-125
03E2323	065456	1	AMERICAN RIVER	3	H	SACR	SFBA	WICKLAND OIL NET PEN	CA	CDFG	2000	2003	48	-124
03E2324	050778	1	SPRING CR 29.0159	3	H	CECR	WIND	SPRING CR 29.0159	WA	FWS	2001	2003	48	-124
03E2325	050698	1	COLEMAN NFH	7	H	SACR	SACR	WALNUT GROVE	CA	FWS	2001	2003	48	-125
03E2326	630867	1	COWLITZ R 26.0002	1	H	LOCR	COWL	COWLITZ R 26.0002	WA	WDFW	2000	2003	48	-125
03E2327	630884	1	COWLITZ R 26.0002	1	H	LOCR	COWL	GREEN R 26.0323	WA	WDFW	2000	2003	48	-125
03E2328	631271	1	WENATCHEE R 45.0030	2	M	UPCR	WECH	WENATCHEE R 45.0030	WA	WDFW	2000	2003	48	-124
03E2329	630995	1	WELLS HATCHERY	2	H	UPCR	WECH	COLUMBIA NEAR WELLS	WA	WDFW	2000	2003	48	-124
03E2330	630869	1	COWLITZ R 26.0002	1	H	LOCR	COWL	COWLITZ R 26.0002	WA	WDFW	2000	2003	48	-125
03E2331	050881	1	COLEMAN NFH	3	H	SACR	SACR	COLEMAN NFH	CA	FWS	2001	2003	48	-125
03E2332	184134	1	S-HARRISON R	3	H	FRTH	LWFR	R-STAVE R	BC	CDFO	2000	2003	48	-125
03E2333	630476	1	SNAKE R-LOWR 33.0002	3	H	SNAC	LOSN	SNAKE R-LOWR 33.0002	WA	WDFW	1999	2003	48	-125
03E2334	184613	1	S-CHILLIWACK R	3	H	FRTH	LWFR	R-CHILLIWACK R	BC	CDFO	2000	2003	48	-125
03E2335	630684	1	GEORGE ADAMS (PURDY)	3	H	HOOD	SKDO	PURDY CR 16.0005	WA	WDFW	2000	2003	48	-125
03E2336	631271	1	WENATCHEE R 45.0030	2	M	UPCR	WECH	WENATCHEE R 45.0030	WA	WDFW	2000	2003	48	-124
03E2337	210287	1	WHITE R 10.0031	1	H	MPS	PUYA	WHITE R 10.0031	WA	MUCK	2000	2003	48	-124
03E2338	093231	1	UMPQUA R(ROCK CR HT)	1	H	SOOR	UMPQ	ROCK CR (N UMPQUA R)	OR	ODFW	2000	2003	48	-124
03E2339	630872	1	COWLITZ R 26.0002	1	H	LOCR	COWL	COWLITZ R 26.0002	WA	WDFW	2000	2003	48	-124
03E2340	631273	1	SNAKE R-LOWR 33.0002	8	H	SNAC	SNAKG	SNK BLW GRANDE RHOND	ID	WDFW	2000	2003	48	-125

Table 3.

recovery_id	tag_code	species	stock_location_name	run	rearing_type	¹ release_location_psc_region	² release_location_psc_basin	release_location_name	release_location_state	³ release_agency	brood_year	run_year	latitude (degrees)	longitude (degrees)
03E2341	630476	1	SNAKE R-LOWR 33.0002	3	H	SNAK	LOSN	SNAKE R-LOWR 33.0002	WA	WDFW	1999	2003	48	-125
03E2342	631273	1	SNAKE R-LOWR 33.0002	8	H	SNAK	SNAKG	SNK BLW GRANDE RHOND	ID	WDFW	2000	2003	48	-125
03E2343	630873	1	COWLITZ R 26.0002	1	H	LOCR	COWL	COWLITZ R 26.0002	WA	WDFW	2000	2003	48	-125
03E2344	631273	1	SNAKE R-LOWR 33.0002	8	H	SNAK	SNAKG	SNK BLW GRANDE RHOND	ID	WDFW	2000	2003	48	-125
03E2345	631271	1	WENATCHEE R 45.0030	2	M	UPCR	WECH	WENATCHEE R 45.0030	WA	WDFW	2000	2003	48	-124
03E2346	630790	1	COWLITZ R 26.0002	1	H	LOCR	COWL	COWLITZ R 26.0002	WA	WDFW	2000	2003	48	-124
03E2347	630154	1	GEORGE ADAMS (PURDY)	3	H	HOOD	SKDO	PURDY CR 16.0005	WA	WDFW	1999	2003	48	-124
03E2348	630867	1	COWLITZ R 26.0002	1	H	LOCR	COWL	COWLITZ R 26.0002	WA	WDFW	2000	2003	48	-124
03E2349	631272	1	WENATCHEE R 45.0030	2	M	UPCR	WECH	WENATCHEE R 45.0030	WA	WDFW	2000	2003	48	-124
03E2350	630479	1	LYONS FERRY HATCHERY	8	H	SNAK	SNAKG	SNAKE R @PITTSBURG L	WA	NEZP	1999	2003	48	-124
03E2351	184126	1	S-CHILLIWACK R	3	H	FRTH	LWFR	R-CHILLIWACK R	BC	CDFO	1999	2003	48	-124
03E2352	631267	2	BIG SOOS CR 09.0072		H	MPS	DUWA	BIG SOOS CR 09.0072	WA	WDFW	2000	2003	48	-125
03E2353	184609	1	S-CHILLIWACK R	3	H	FRTH	LWFR	R-CHILLIWACK R	BC	CDFO	2000	2003	48	-125
03E2354	631271	1	WENATCHEE R 45.0030	2	M	UPCR	WECH	WENATCHEE R 45.0030	WA	WDFW	2000	2003	48	-125
03E2355	631272	1	WENATCHEE R 45.0030	2	M	UPCR	WECH	WENATCHEE R 45.0030	WA	WDFW	2000	2003	48	-124
03E2356	050875	1	COLEMAN NFH	3	H	SACR	SACR	COLEMAN NFH	CA	FWS	2001	2003	48	-124
03E2357	630783	1	MCALLISTER CR11.0324	3	H	SPS	NISQ	MCALLISTER CR11.0324	WA	WDFW	2000	2003	48	-124
03E2358	630670	1	BIG SOOS CR 09.0072	3	H	MPS	DUWA	BIG SOOS CR 09.0072	WA	WDFW	2000	2003	48	-125
03E2359	631273	1	SNAKE R-LOWR 33.0002	8	H	SNAK	SNAKG	SNK BLW GRANDE RHOND	ID	WDFW	2000	2003	48	-125
03E2360	630794	1	COWLITZ R 26.0002	1	H	LOCR	COWL	COWLITZ R 26.0002	WA	WDFW	2000	2003	48	-125
03E2361	631272	1	WENATCHEE R 45.0030	2	M	UPCR	WECH	WENATCHEE R 45.0030	WA	WDFW	2000	2003	48	-125
03E2362	184909	1	S-STAVE R	3	H	FRTH	LWFR	R-STAVE R	BC	CDFO	2001	2003	48	-124
03E2363	184913	1	S-CHILLIWACK R	3	H	FRTH	LWFR	R-CHILLIWACK R	BC	CDFO	2001	2003	48	-124
03E2364	630196	1	ELOCHOMAN R 25.0236	3	H	LOCR	GREL	ELOCHOMAN R 25.0236	WA	WDFW	2000	2003	48	-124
03E2365	184916	1	S-CHILLIWACK R	3	H	FRTH	LWFR	R-CHILLIWACK R	BC	CDFO	2001	2003	48	-124
03E2366	210279	1	GROVERS CR 15.0299	3	H	MPS	EKPN	GROVERS CR HATCHERY	WA	SUQ	2000	2003	48	-124

Table 3.

recovery_id	tag_code	species	stock_location_name	run	rearing_type	¹ release_location_psc_region	² release_location_psc_basin	release_location_name	release_location_state	³ release_agency	brood_year	run_year	latitude (degrees)	longitude (degrees)
03E2367	184613	1	S-CHILLIWACK R	3	H	FRTH	LWFR	R-CHILLIWACK R	BC	CDFO	2000	2003	48	-125
03E2368	210181	1	WHITE R 10.0031	1	H	MPS	PUYA	WHITE R 10.0031	WA	MUCK	1999	2003	48	-125
03E2371	093052	1	ELK R (ELK R HT)	3	H	SOOR	SIXE	ELK R	OR	ODFW	1999	2003	48	-124
03E2372	630873	1	COWLITZ R 26.0002	1	H	LOCR	COWL	COWLITZ R 26.0002	WA	WDFW	2000	2003	48	-125
03E2373	631273	1	SNAKE R-LOWR 33.0002	8	H	SNAK	SNAKG	SNK BLW GRANDE RHOND	ID	WDFW	2000	2003	48	-124
03E2374	630794	1	COWLITZ R 26.0002	1	H	LOCR	COWL	COWLITZ R 26.0002	WA	WDFW	2000	2003	48	-124
03E2375	630183	1	LYONS FERRY HATCHERY	8	H	SNAK	SNAKG	CAPTAIN JOHNS PD	WA	NEZP	2000	2003	48	-124
03E2376	631273	1	SNAKE R-LOWR 33.0002	8	H	SNAK	SNAKG	SNK BLW GRANDE RHOND	ID	WDFW	2000	2003	48	-124
03E2377	050778	1	SPRING CR 29.0159	3	H	CECR	WIND	SPRING CR 29.0159	WA	FWS	2001	2003	48	-124
03E2378	630884	1	COWLITZ R 26.0002	1	H	LOCR	COWL	GREEN R 26.0323	WA	WDFW	2000	2003	48	-124
03E2379	630697	1	COWLITZ R 26.0002	1	H	LOCR	COWL	COWLITZ R 26.0002	WA	WDFW	2000	2003	48	-124
03E2380	062091	1	FEATHER RIVER	3	H	SACR	SFBA	WICKLAND OIL NET PEN	CA	CDFG	2001	2003	48	-124
03E2381	050779	1	SPRING CR 29.0159	3	H	CECR	WIND	SPRING CR 29.0159	WA	FWS	2001	2003	48	-124
03E2382	630873	1	COWLITZ R 26.0002	1	H	LOCR	COWL	COWLITZ R 26.0002	WA	WDFW	2000	2003	48	-124
03E2383	630697	1	COWLITZ R 26.0002	1	H	LOCR	COWL	COWLITZ R 26.0002	WA	WDFW	2000	2003	48	-124
03E2384	630186	1	COWLITZ R 26.0002	1	H	LOCR	COWL	GREEN R 26.0323	WA	WDFW	1999	2003	48	-124
03E2386	210269	1	KALAMA CR 11.0017	3	H	SPS	NISQ	KALAMA CR 11.0017	WA	NISQ	2000	2003	48	-124
03E2387	184612	1	S-CHILLIWACK R	3	H	FRTH	LWFR	R-CHILLIWACK R	BC	CDFO	2000	2003	48	-124
03E2388	630476	1	SNAKE R-LOWR 33.0002	3	H	SNAK	LOSN	SNAKE R-LOWR 33.0002	WA	WDFW	1999	2003	48	-124
03E2389	210269	1	KALAMA CR 11.0017	3	H	SPS	NISQ	KALAMA CR 11.0017	WA	NISQ	2000	2003	48	-125
03E2390	050778	1	SPRING CR 29.0159	3	H	CECR	WIND	SPRING CR 29.0159	WA	FWS	2001	2003	48	-124
03E2391	630687	1	CLEAR CR 11.0013C	3	H	SPS	NISQ	CLEAR CR 11.0013C	WA	NISQ	2000	2003	48	-124
03E2392	210279	1	GROVERS CR 15.0299	3	H	MPS	EKPN	GROVERS CR HATCHERY	WA	SUQ	2000	2003	48	-125
03E2393	631271	1	WENATCHEE R 45.0030	2	M	UPCR	WECH	WENATCHEE R 45.0030	WA	WDFW	2000	2003	48	-125
03E2394	630687	1	CLEAR CR 11.0013C	3	H	SPS	NISQ	CLEAR CR 11.0013C	WA	NISQ	2000	2003	48	-125
03E2395	631273	1	SNAKE R-LOWR 33.0002	8	H	SNAK	SNAKG	SNK BLW GRANDE RHOND	ID	WDFW	2000	2003	48	-125

Table 3.

recovery_id	tag_code	species	stock_location_name	run	rearing_type	¹ release_location_psc_region	² release_location_psc_basin	release_location_name	release_location_state	³ release_agency	brood_year	run_year	latitude (degrees)	longitude (degrees)
03E2397	093229	1	NESTUCCA R (CEDAR CR	1	H	NOOR	WTN	NESTUCCA R	OR	ODFW	2000	2003	48	-124
03E2398	631273	1	SNAKE R-LOWR 33.0002	8	H	SNAK	SNAKG	SNK BLW GRANDE RHOND	ID	WDFW	2000	2003	48	-124
03E2399	062738	1	FEATHER RIVER	3	H	SACR	SFBA	WICKLAND OIL NET PEN	CA	CDWR	2001	2003	48	-124
03E2400	093452	1	BIG CR HATCHERY	3	H	LOCR	YOCL	BIG CR (LWR COL R)	OR	ODFW	2001	2003	48	-124
03E2403	210280	1	GROVERS CR 15.0299	3	H	MPS	EKPN	GROVERS CR HATCHERY	WA	SUQ	2000	2003	48	-124
03E2404	631071	2	WILLAPA R 24.0251		H	WILP	WILP	FORK CR 24.0356	WA	WDFW	2000	2003	48	-124
03E2405	182134	1	S-HARRISON R	3	H	FRTH	LWFR	R-CHEHALIS R	BC	CDFO	1999	2003	48	-124
03E2406	630872	1	COWLITZ R 26.0002	1	H	LOCR	COWL	COWLITZ R 26.0002	WA	WDFW	2000	2003	48	-124
03E2407	631199	2	BIG SOOS CR 09.0072		H	MPS	DUWA	BIG SOOS CR 09.0072	WA	WDFW	2000	2003	48	-125
03E2408	631273	1	SNAKE R-LOWR 33.0002	8	H	SNAK	SNAKG	SNK BLW GRANDE RHOND	ID	WDFW	2000	2003	48	-125
03E2409	630989	1	COWLITZ R 26.0002	1	H	LOCR	COWL	COWLITZ R 26.0002	WA	WDFW	2000	2003	48	-125
03E2410	184643	1	S-COWICHAN R	3	H	GST	GSVI	R-COWICHAN R UP	BC	CDFO	2001	2003	48	-125
03E2411	630592	2	GEORGE ADAMS (PURDY)		H	HOOD	SKDO	PURDY CR 16.0005	WA	WDFW	2000	2003	48	-125
03E2412	093314	1	GARDINER CR (UMPQUA)	3	H	SOOR	UMPQ	UMPQUA R	OR	ODFW	2000	2003	48	-125
03E2413	062738	1	FEATHER RIVER	3	H	SACR	SFBA	WICKLAND OIL NET PEN	CA	CDWR	2001	2003	48	-125
03E2414	093314	1	GARDINER CR (UMPQUA)	3	H	SOOR	UMPQ	UMPQUA R	OR	ODFW	2000	2003	48	-125
03E2415	050579	1	SPRING CR 29.0159	3	H	CECR	WIND	SPRING CR 29.0159	WA	FWS	2001	2003	48	-125
03E2435	065280	1	TRINITY RIVER	3	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	2000	2003	42	-124
03E2437	065460	1	AMERICAN RIVER	3	H	SACR	SFBA	WICKLAND OIL NET PEN	CA	CDFG	2000	2003	42	-124
03E2442	065280	1	TRINITY RIVER	3	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	2000	2003	43	-124
03E2444	066354	1	KLAMATH RIVER	3	H	KLAM	KLAM	IRON GATE HATCHERY	CA	CDFG	2000	2003	43	-124
03E2446	210166	1	CLEAR CR 11.0013C	3	H	SPS	NISQ	CLEAR CR 11.0013C	WA	NISQ	1999	2003	48	-124
03E2447	630274	1	WELLS HATCHERY	2	M	UPCR	WACO	COL R @ TURTLE ROCK	WA	WDFW	2000	2003	48	-124
03E2465	630305	1	GEORGE ADAMS (PURDY)	3	H	HOOD	SKDO	PURDY CR 16.0005	WA	WDFW	2001	2003	48	-124
03E2466	184916	1	S-CHILLIWACK R	3	H	FRTH	LWFR	R-CHILLIWACK R	BC	CDFO	2001	2003	48	-124
03E2468	210279	1	GROVERS CR 15.0299	3	H	MPS	EKPN	GROVERS CR HATCHERY	WA	SUQ	2000	2003	48	-124

Table 3.

recovery_id	tag_code	species	stock_location_name	run	rearing_type	¹ release_location_psc_region	² release_location_psc_basin	release_location_name	release_location_state	³ release_agency	brood_year	run_year	latitude (degrees)	longitude (degrees)
03E2469	184615	1	S-CHILLIWACK R	3	H	FRTH	LWFR	R-CHILLIWACK R	BC	CDFO	2000	2003	48	-124
03E2470	631271	1	WENATCHEE R 45.0030	2	M	UPCR	WECH	WENATCHEE R 45.0030	WA	WDFW	2000	2003	48	-124
03E2471	184610	1	S-CHILLIWACK R	3	H	FRTH	LWFR	R-CHILLIWACK R	BC	CDFO	2000	2003	48	-125
03E2472	630789	1	COWLITZ R 26.0002	1	H	LOCR	COWL	COWLITZ R 26.0002	WA	WDFW	2000	2003	48	-125
03E2473	630789	1	COWLITZ R 26.0002	1	H	LOCR	COWL	COWLITZ R 26.0002	WA	WDFW	2000	2003	48	-125
03E2474	062723	1	MOKELUMNE RIVER	3	H	SJOA	SJOA	JERSEY PT,SAN JOAQ.R	CA	EBMD	2001	2003	48	-124
03E2475	184611	1	S-CHILLIWACK R	3	H	FRTH	LWFR	R-CHILLIWACK R	BC	CDFO	2000	2003	48	-125
03E2476	630670	1	BIG SOOS CR 09.0072	3	H	MPS	DUWA	BIG SOOS CR 09.0072	WA	WDFW	2000	2003	48	-125
03E2477	108173	1	PAH CH-2	2	H	SNAK	SALM	PAHSIMEROI PONDS	ID	IDFG	2001	2003	48	-125
03E2478	184909	1	S-STAVE R	3	H	FRTH	LWFR	R-STAVE R	BC	CDFO	2001	2003	48	-125
03E2479	630677	1	LYONS FERRY HATCHERY	8	H	SNAK	CLEA	BIG CANYON ACCL POND	WA	NEZP	2000	2003	48	-124
03E2480	184609	1	S-CHILLIWACK R	3	H	FRTH	LWFR	R-CHILLIWACK R	BC	CDFO	2000	2003	48	-124
03E2481	210324	1	WALLACE R + SAMISH	3	H	STIL	SNOH	TULALIP CR 07.0001	WA	TULA	2001	2003	48	-125
03E2482	630690	1	LEWIS R 27.0168	1	H	LOCR	LEWI	LEWIS R -NF 27.0168	WA	WDFW	2000	2003	48	-124
03E2483	184911	1	S-HARRISON R	3	H	FRTH	LWFR	R-CHEHALIS R	BC	CDFO	2001	2003	48	-124
03E2484	630866	1	COWLITZ R 26.0002	1	H	LOCR	COWL	COWLITZ R 26.0002	WA	WDFW	2000	2003	48	-124
03E2485	184916	1	S-CHILLIWACK R	3	H	FRTH	LWFR	R-CHILLIWACK R	BC	CDFO	2001	2003	48	-124
03E2486	630678	1	LYONS FERRY HATCHERY	8	H	SNAK	SNAKG	SNAKE R @PITTSBURG L	WA	NEZP	2000	2003	48	-124
03E2487	630669	1	BIG SOOS CR 09.0072	3	H	MPS	DUWA	BIG SOOS CR 09.0072	WA	WDFW	2000	2003	48	-124
03E2488	050494	1	SOOES R 20.0015	3	H	NWC	QUHO	SOOES R 20.0015	WA	FWS	2000	2003	48	-124
03E2489	630872	1	COWLITZ R 26.0002	1	H	LOCR	COWL	COWLITZ R 26.0002	WA	WDFW	2000	2003	48	-124
03E2490	630869	1	COWLITZ R 26.0002	1	H	LOCR	COWL	COWLITZ R 26.0002	WA	WDFW	2000	2003	48	-124
03E2491	630278	1	CLEAR CR 11.0013C	3	H	SPS	NISQ	CLEAR CR 11.0013C	WA	NISQ	2000	2003	48	-124
03E2493	210269	1	KALAMA CR 11.0017	3	H	SPS	NISQ	KALAMA CR 11.0017	WA	NISQ	2000	2003	48	-124
03E2495	184914	1	S-CHILLIWACK R	3	H	FRTH	LWFR	R-CHILLIWACK R	BC	CDFO	2001	2003	48	-124
03E2496	630996	1	METHOW & OKANOGAN	2	M	UPCR	MEOK	SIMILKAMEEN R 490325	WA	WDFW	2000	2003	48	-124

Table 3.

recovery_id	tag_code	species	stock_location_name	run	rearing_type	¹ release_location_psc_region	² release_location_psc_basin	release_location_name	release_location_state	³ release_agency	brood_year	run_year	latitude (degrees)	longitude (degrees)
03E2497	210180	1	WHITE R 10.0031	1	H	MPS	PUYA	WHITE R 10.0031	WA	MUCK	1999	2003	48	-124
03E2498	630278	1	CLEAR CR 11.0013C	3	H	SPS	NISQ	CLEAR CR 11.0013C	WA	NISQ	2000	2003	48	-124
03E2500	630789	1	COWLITZ R 26.0002	1	H	LOCR	COWL	COWLITZ R 26.0002	WA	WDFW	2000	2003	48	-124
03E2712	075941	1	ELK R (ELK R HT)	3	H	SOOR	SIXE	ELK R	OR	ODFW	2000	2003	48	-125
03E2720	184129	1	S-CHILLIWACK R	3	H	FRTH	LWFR	R-CHILLIWACK R	BC	CDFO	1999	2003	48	-125
03E2725	092944	1	COQUILLE R	3	H	SOOR	COQU	SEVENMILE CR (COQUIL	OR	ODFW	2000	2003	48	-125
03E2775	181101	1	S-CAPILANO R	3	H	GST	GSMN	R-CAPILANO R	BC	CDFO	1999	2003	48	-125
03E2776	184246	2	S-ROBERTSON CR	3	H	WCVI	SWVI	R-ROBERTSON CR	BC	CDFO	2000	2003	48	-125
03E2777	184614	1	S-CHILLIWACK R	3	H	FRTH	LWFR	R-CHILLIWACK R	BC	CDFO	2000	2003	48	-125
03E2779	182132	1	S-HARRISON R	3	H	FRTH	LWFR	R-CHEHALIS R	BC	CDFO	1999	2003	48	-125
03E2783	065863	1	MOKELUMNE RIVER	3	H	SJOA	SJOA	JERSEY PT,SAN JOAQ.R	CA	EBMD	2001	2003	48	-125
03E2784	184550	1	S-HARRISON R	3	H	FRTH	LWFR	R-CHEHALIS R	BC	CDFO	2000	2003	48	-125
03E2786	184125	1	S-CHILLIWACK R	3	H	FRTH	LWFR	R-CHILLIWACK R	BC	CDFO	1999	2003	48	-125
03E2787	184612	1	S-CHILLIWACK R	3	H	FRTH	LWFR	R-CHILLIWACK R	BC	CDFO	2000	2003	48	-125
03E2789	630953	1	KALAMA R 27.0002	1	H	LOCR	LEWI	GOBAR CR 27.0073	WA	WDFW	2000	2003	48	-125
03E2796	184616	1	S-CHILLIWACK R	3	H	FRTH	LWFR	R-CHILLIWACK R	BC	CDFO	2000	2003	48	-125
04B6503	093052	1	ELK R (ELK R HT)	3	H	SOOR	SIXE	ELK R	OR	ODFW	1999	2004	42	-124
04B6605	093053	1	BURNT HILL CR PUBLIC	3	H	NOOR	SIYA	SALMON R	OR	ODFW	1999	2004	43	-124
04B6618	091941	2	UMPQUA R(ROCK CR HT)		H	SOOR	UMPQ	ROCK CR (N UMPQUA R)	OR	ODFW	2001	2004	43	-124
04B6632	065289	1	TRINITY RIVER	3	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	2001	2004	43	-124
04B6648	062824	1	MATTOLE RIVER	3	H	CECA	CECAG	MATTOLE SAL. GP. HAT	CA	MTSG	2001	2004	45	-124
04B7010	065289	1	TRINITY RIVER	3	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	2001	2004	44	-124
04B7110	065259	1	TRINITY RIVER	3	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	1999	2004	44	-124
04B7115	062666	1	AMERICAN RIVER	3	H	SACR	SFBA	WICKLAND OIL NET PEN	CA	CDFG	2001	2004	42	-124
04B7141	062788	1	FEATHER RIVER	1	H	SACR	FEA	LIVE OAK	CA	CDWR	2002	2004	42	-124
04B7175	093052	1	ELK R (ELK R HT)	3	H	SOOR	SIXE	ELK R	OR	ODFW	1999	2004	43	-124

Table 3.

recovery_id	tag_code	species	stock_location_name	run	rearing_type	¹ release_location_psc_region	² release_location_psc_basin	release_location_name	release_location_state	³ release_agency	brood_year	run_year	latitude (degrees)	longitude (degrees)
04B7202	093232	1	UMPQUA R(ROCK CR HT)	7	H	SOOR	UMPQ	ROCK CR (N UMPQUA R)	OR	ODFW	2000	2004	42	-124
04B7205	093302	1	COLE RIVERS HATCHERY	1	H	SOOR	ROGU	ROGUE R 4	OR	ODFW	2000	2004	42	-124
04B7206	065277	1	TRINITY RIVER	3	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	2000	2004	42	-124
04B7213	066355	1	KLAMATH RIVER	3	H	KLAM	KLAM	IRON GATE HATCHERY	CA	CDFG	2001	2004	42	-124
04B7436	092939	1	CHETCO R	3	H	SOOR	CHET	CHETCO R	OR	ODFW	2000	2004	44	-124
04B7442	062668	1	AMERICAN RIVER	3	H	SACR	SFBA	WICKLAND OIL NET PEN	CA	CDFG	2001	2004	44	-124
04B8401	065289	1	TRINITY RIVER	3	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	2001	2004	43	-124
04B8701	051099	1	COLEMAN NFH	7	H	SACR	SACR	COLEMAN NFH	CA	FWS	2002	2004	43	-124
04B8702	065289	1	TRINITY RIVER	3	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	2001	2004	43	-124
04B8703	065289	1	TRINITY RIVER	3	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	2001	2004	43	-124
04B8704	065286	1	TRINITY RIVER	3	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	2001	2004	43	-124
04B9102	092939	1	CHETCO R	3	H	SOOR	CHET	CHETCO R	OR	ODFW	2000	2004	44	-124
04B9113	065277	1	TRINITY RIVER	3	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	2000	2004	42	-124
04B9114	075941	1	ELK R (ELK R HT)	3	H	SOOR	SIXE	ELK R	OR	ODFW	2000	2004	42	-124
04B9116	065288	1	TRINITY RIVER	1	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	2001	2004	42	-124
04B9501	636322	1	GEORGE ADAMS (PURDY)	3	H	HOOD	SKDO	PURDY CR 16.0005	WA	WDFW	2001	2004	48	-125
04B9502	630196	1	ELOCHOMAN R 25.0236	3	H	LOCR	GREL	ELOCHOMAN R 25.0236	WA	WDFW	2000	2004	48	-125
04B9503	631372	1	GEORGE ADAMS (PURDY)	3	H	HOOD	SKDO	PURDY CR 16.0005	WA	WDFW	2002	2004	48	-125
04B9504	062790	1	FEATHER RIVER	1	H	SACR	FEA	LIVE OAK	CA	CDWR	2002	2004	48	-125
04B9505	631376	1	GROVERS CR 15.0299	3	H	MPS	EKPN	GROVERS CR HATCHERY	WA	SUQ	2001	2004	48	-125
04B9506	630995	1	WELLS HATCHERY	2	H	UPCR	WECH	COLUMBIA NEAR WELLS	WA	WDFW	2000	2004	48	-125
04B9507	631372	1	GEORGE ADAMS (PURDY)	3	H	HOOD	SKDO	PURDY CR 16.0005	WA	WDFW	2002	2004	48	-125
04B9508	184909	1	S-STAVE R	3	H	FRTH	LWFR	R-STAVE R	BC	CDFO	2001	2004	48	-125
04B9509	184914	1	S-CHILLIWACK R	3	H	FRTH	LWFR	R-CHILLIWACK R	BC	CDFO	2001	2004	48	-125
04B9510	210506	1	KALAMA CR 11.0017	3	H	SPS	NISQ	KALAMA CR 11.0017	WA	NISQ	2002	2004	48	-125
04B9512	631445	1	CLEAR CR 11.0013C	3	H	SPS	NISQ	CLEAR CR 11.0013C	WA	NISQ	2002	2004	48	-125

Table 3.

recovery_id	tag_code	species	stock_location_name	run	rearing_type	¹ release_location_psc_region	² release_location_psc_basin	release_location_name	release_location_state	³ release_agency	brood_year	run_year	latitude (degrees)	longitude (degrees)
04B9514	631784	1	BIG SOOS CR 09.0072	3	H	MPS	DUWA	BIG SOOS CR 09.0072	WA	WDFW	2002	2004	48	-125
04B9515	093751	1	BIG CR HATCHERY	3	H	LOCR	YOCL	BIG CR (LWR COL R)	OR	ODFW	2002	2004	48	-125
04B9516	610119	1	LYONS FERRY HATCHERY	8	H	SNAK	CLEA	BIG CANYON ACCL POND	WA	NEZP	2001	2004	48	-125
04B9517	093447	1	UMPQUA R(ROCK CR HT)	1	H	SOOR	UMPQ	ROCK CR (N UMPQUA R)	OR	ODFW	2001	2004	48	-125
04B9518	185311	2	S-BIG QUALICUM R	3	H	GST	GSVI	R-BIG QUALICUM R	BC	CDFO	2001	2004	48	-125
04B9519	610118	1	LYONS FERRY HATCHERY	8	H	SNAK	SNAKG	CAPTAIN JOHNS PD	WA	NEZP	2001	2004	48	-125
04B9520	630794	1	COWLITZ R 26.0002	1	H	LOCR	COWL	COWLITZ R 26.0002	WA	WDFW	2000	2004	48	-125
04B9521	612654	1	LYONS FERRY HATCHERY	8	H	SNAK	SNAKG	CAPTAIN JOHNS PD	WA	NEZP	2002	2004	48	-124
04B9522	631776	1	GROVERS CR 15.0299	3	H	MPS	EKPN	GROVERS CR HATCHERY	WA	SUQ	2002	2004	48	-124
04B9523	631783	1	BIG SOOS CR 09.0072	3	H	MPS	DUWA	BIG SOOS CR 09.0072	WA	WDFW	2002	2004	48	-124
04B9524	093819	1	COLE RIVERS HATCHERY	3	H	LOCR	YOCL	YOUNGS R & BAY	OR	ODFW	2002	2004	48	-124
04B9525	631485	2	BIG SOOS CR 09.0072		H	MPS	DUWA	BIG SOOS CR 09.0072	WA	WDFW	2001	2004	48	-124
04B9526	631404	1	CLEAR CR 11.0013C	3	H	SPS	NISQ	CLEAR CR 11.0013C	WA	NISQ	2001	2004	48	-124
04B9527	630305	1	GEORGE ADAMS (PURDY)	3	H	HOOD	SKDO	PURDY CR 16.0005	WA	WDFW	2001	2004	48	-124
04B9528	631473	2	GEORGE ADAMS (PURDY)		H	HOOD	SKDO	PURDY CR 16.0005	WA	WDFW	2001	2004	48	-125
04B9530	610121	1	LYONS FERRY HATCHERY	8	H	SNAK	SNAKG	CAPTAIN JOHNS PD	WA	NEZP	2002	2004	48	-125
04B9532	184911	1	S-HARRISON R	3	H	FRTH	LWFR	R-CHEHALIS R	BC	CDFO	2001	2004	48	-125
04B9533	050999	2	BIG QUILCENE 17.0012	3	H	HOOD	TPDB	QUILCENE BAY SEAPENS	WA	SKOK	2001	2004	48	-125
04B9534	631776	1	GROVERS CR 15.0299	3	H	MPS	EKPN	GROVERS CR HATCHERY	WA	SUQ	2002	2004	48	-125
04B9535	210269	1	KALAMA CR 11.0017	3	H	SPS	NISQ	KALAMA CR 11.0017	WA	NISQ	2000	2004	48	-125
04B9536	210323	1	SKYKOMISH R 07.0012	2	H	STIL	SNOH	TULALIP CR 07.0001	WA	TULA	2001	2004	48	-125
04B9537	210279	1	GROVERS CR 15.0299	3	H	MPS	EKPN	GROVERS CR HATCHERY	WA	SUQ	2000	2004	48	-125
04B9538	631549	1	WELLS HATCHERY	2	M	UPCR	WECH	COLUMBIA NEAR WELLS	WA	WDFW	2001	2004	48	-125
04B9539	184551	1	S-HARRISON R	3	H	FRTH	LWFR	R-CHEHALIS R	BC	CDFO	2000	2004	48	-125
04B9540	210478	1	STILLAGUAMISH R -NF	2	H	STIL	STIL	WHITEHORSE SPRINGS	WA	COOP	2002	2004	48	-125
04B9541	631776	1	GROVERS CR 15.0299	3	H	MPS	EKPN	GROVERS CR HATCHERY	WA	SUQ	2002	2004	48	-124

Table 3.

recovery_id	tag_code	species	stock_location_name	run	rearing_type	¹ release_location_psc_region	² release_location_psc_basin	release_location_name	release_location_state	³ release_agency	brood_year	run_year	latitude (degrees)	longitude (degrees)
04B9542	610110	1	LYONS FERRY HATCHERY	8	H	SNAK	CLEA	NPT HATCHERY	ID	NEZP	2002	2004	48	-124
04B9543	610121	1	LYONS FERRY HATCHERY	8	H	SNAK	SNAKG	CAPTAIN JOHNS PD	WA	NEZP	2002	2004	48	-125
04B9544	631777	1	FINCH CR 16.0222	3	H	HOOD	SKDO	FINCH CR 16.0222	WA	WDFW	2002	2004	48	-125
04B9545	210390	1	GROVERS CR 15.0299	3	H	MPS	EKPN	GROVERS CR HATCHERY	WA	SUQ	2001	2004	48	-125
04B9546	062751	1	MERCED RIVER	3	H	SJOA	SJOA	JERSEY PT,SAN JOAQ.R	CA	CDFG	2002	2004	48	-125
04B9548	631376	1	GROVERS CR 15.0299	3	H	MPS	EKPN	GROVERS CR HATCHERY	WA	SUQ	2001	2004	48	-125
04B9549	631532	1	KALAMA R 27.0002	1	H	LOCR	LEWI	GOBAR CR 27.0073	WA	WDFW	2001	2004	48	-124
04B9550	631887	1	GLENWOOD SPRINGS	3	H	NOOK	SJUA	EAST SOUND BAY (SAN)	WA	WDFW	2002	2004	48	-124
04B9551	075941	1	ELK R (ELK R HT)	3	H	SOOR	SIXE	ELK R	OR	ODFW	2000	2004	48	-124
04B9552	631548	1	NA		H			NA		WDFW	2001	2004	48	-124
04B9553	210509	1	SAMISH R 03.0005	3	H	NOOK	NOOK	NOOKSACK R 01.0120	WA	LUMM	2002	2004	48	-124
04B9554	631587	1	WENATCHEE R 45.0030	2	M	UPCR	WECH	WENATCHEE R 45.0030	WA	WDFW	2001	2004	48	-124
04B9555	184921	1	S-HARRISON R	3	H	FRTH	LWFR	R-CHEHALIS R	BC	CDFO	2002	2004	48	-124
04B9556	631496	2	MINTER CR 15.0048		H	SPS	EKPS	MINTER CR 15.0048	WA	WDFW	2001	2004	48	-124
04B9557	051174	1	SPRING CR 29.0159	5	H	CECR	WIND	SPRING CR 29.0159	WA	FWS	2002	2004	48	-124
04B9558	093526	1	ELK R (ELK R HT)	3	H	SOOR	SIXE	ELK R	OR	ODFW	2001	2004	48	-124
04B9559	631554	1	KALAMA R 27.0002	3	H	LOCR	LEWI	KALAMA R 27.0002	WA	WDFW	2002	2004	48	-124
04B9560	630895	1	WHITE R 10.0031	1	H	SPS	EKPS	MINTER CR 15.0048	WA	WDFW	2001	2004	48	-124
04B9561	184915	1	S-CHILLIWACK R	3	H	FRTH	LWFR	R-CHILLIWACK R	BC	CDFO	2001	2004	48	-124
04B9562	631387	1	SKYKOMISH R 07.0012	2	H	STIL	SNOH	WALLACE R 07.0940	WA	WDFW	2002	2004	48	-124
04B9563	631558	1	MINTER CR 15.0048	3	H	SPS	EKPS	MINTER CR 15.0048	WA	WDFW	2002	2004	48	-124
04B9564	631443	1	CLEAR CR 11.0013C	3	H	SPS	NISQ	CLEAR CR 11.0013C	WA	NISQ	2002	2004	48	-124
04B9566	631780	1	VOIGHT CR 10.0414	3	H	MPS	PUYA	VOIGHT CR 10.0414	WA	WDFW	2002	2004	48	-124
04B9567	631403	1	CLEAR CR 11.0013C	3	H	SPS	NISQ	CLEAR CR 11.0013C	WA	NISQ	2001	2004	48	-124
04B9568	631777	1	FINCH CR 16.0222	3	H	HOOD	SKDO	FINCH CR 16.0222	WA	WDFW	2002	2004	48	-124
04B9569	185534	1	S-CHILLIWACK R	3	H	FRTH	LWFR	R-CHILLIWACK R	BC	CDFO	2002	2004	48	-124

Table 3.

recovery_id	tag_code	species	stock_location_name	run	rearing_type	¹ release_location_psc_region	² release_location_psc_basin	release_location_name	release_location_state	³ release_agency	brood_year	run_year	latitude (degrees)	longitude (degrees)
04B9570	630790	1	COWLITZ R 26.0002	1	H	LOCR	COWL	COWLITZ R 26.0002	WA	WDFW	2000	2004	48	-125
04B9571	210295	1	CLEAR CR 11.0013C	3	H	SPS	NISQ	CLEAR CR 11.0013C	WA	NISQ	2001	2004	48	-124
04B9572	631386	1	ISSAQUAH CR 08.0178	3	H	MPS	LAKW	ISSAQUAH CR 08.0178	WA	WDFW	2002	2004	48	-124
04B9573	631587	1	WENATCHEE R 45.0030	2	M	UPCR	WECH	WENATCHEE R 45.0030	WA	WDFW	2001	2004	48	-124
04B9574	610118	1	LYONS FERRY HATCHERY	8	H	SNAK	SNAKG	CAPTAIN JOHNS PD	WA	NEZP	2001	2004	48	-124
04B9575	210485	1	VOIGHT CR 10.0414	3	H	MPS	PUYA	COWSKULL ACCLIM POND	WA	PUYA	2002	2004	48	-124
04B9576	062785	1	FEATHER RIVER	1	H	SACR	SFBA	BENICIA	CA	CDWR	2002	2004	48	-124
04B9577	631585	1	SNAKE R-LOWR 33.0002	8	H	SNAK	SNAKG	SNK BLW GRANDE RHOND	ID	WDFW	2001	2004	48	-124
04B9578	631405	1	GROVERS CR 15.0299	3	H	MPS	EKPN	GORST CR 15.0216	WA	SUQ	2001	2004	48	-124
04B9579	631372	1	GEORGE ADAMS (PURDY)	3	H	HOOD	SKDO	PURDY CR 16.0005	WA	WDFW	2002	2004	48	-124
04B9581	631372	1	GEORGE ADAMS (PURDY)	3	H	HOOD	SKDO	PURDY CR 16.0005	WA	WDFW	2002	2004	48	-124
04B9583	631376	1	GROVERS CR 15.0299	3	H	MPS	EKPN	GROVERS CR HATCHERY	WA	SUQ	2001	2004	48	-124
04B9584	612639	1	LYONS FERRY HATCHERY	8	H	SNAK	CLEA	BIG CANYON ACCL POND	WA	NEZP	2001	2004	48	-124
04B9585	185536	1	S-CHILLIWACK R	3	H	FRTH	LWFR	R-CHILLIWACK R	BC	CDFO	2002	2004	48	-124
04B9587	631403	1	CLEAR CR 11.0013C	3	H	SPS	NISQ	CLEAR CR 11.0013C	WA	NISQ	2001	2004	48	-124
04B9588	631386	1	ISSAQUAH CR 08.0178	3	H	MPS	LAKW	ISSAQUAH CR 08.0178	WA	WDFW	2002	2004	48	-124
04B9591	210479	1	GROVERS CR 15.0299	3	H	MPS	EKPN	GROVERS CR HATCHERY	WA	SUQ	2002	2004	48	-124
04B9592	185533	1	S-CHILLIWACK R	3	H	FRTH	LWFR	R-CHILLIWACK R	BC	CDFO	2002	2004	48	-124
04B9593	631546	1	NOOKSACK R 01.0120	1	H	NOOK	NOOK	DEADHORSE CR 01.0495	WA	WDFW	2002	2004	48	-124
04B9594	631376	1	GROVERS CR 15.0299	3	H	MPS	EKPN	GROVERS CR HATCHERY	WA	SUQ	2001	2004	48	-124
04B9595	631272	1	WENATCHEE R 45.0030	2	M	UPCR	WECH	WENATCHEE R 45.0030	WA	WDFW	2000	2004	48	-124
04B9596	210343	1	VOIGHT CR 10.0414	3	H	MPS	PUYA	COWSKL & RUSHWTR PDS	WA	PUYA	2001	2004	48	-124
04B9597	185536	1	S-CHILLIWACK R	3	H	FRTH	LWFR	R-CHILLIWACK R	BC	CDFO	2002	2004	48	-124
04B9598	185203	1	S-NICOLA R	1	H	FRTH	TOMM	R-NICOLA R	BC	CDFO	2001	2004	48	-124
04B9599	210390	1	GROVERS CR 15.0299	3	H	MPS	EKPN	GROVERS CR HATCHERY	WA	SUQ	2001	2004	48	-124
04B9600	612639	1	LYONS FERRY HATCHERY	8	H	SNAK	CLEA	BIG CANYON ACCL POND	WA	NEZP	2001	2004	48	-124

Table 3.

recovery_id	tag_code	species	stock_location_name	run	rearing_type	¹ release_location_psc_region	² release_location_psc_basin	release_location_name	release_location_state	³ release_agency	brood_year	run_year	latitude (degrees)	longitude (degrees)
04B9602	631376	1	GROVERS CR 15.0299	3	H	MPS	EKPN	GROVERS CR HATCHERY	WA	SUQ	2001	2004	48	-124
04B9603	210506	1	KALAMA CR 11.0017	3	H	SPS	NISQ	KALAMA CR 11.0017	WA	NISQ	2002	2004	48	-124
04B9604	631766	1	WHITE R 10.0031	1	H	SPS	EKPS	MINTER CR 15.0048	WA	WDFW	2002	2004	48	-124
04B9605	631371	1	GEORGE ADAMS (PURDY)	3	H	HOOD	SKDO	PURDY CR 16.0005	WA	WDFW	2002	2004	48	-124
04B9606	185536	1	S-CHILLIWACK R	3	H	FRTH	LWFR	R-CHILLIWACK R	BC	CDFO	2002	2004	48	-124
04B9607	631372	1	GEORGE ADAMS (PURDY)	3	H	HOOD	SKDO	PURDY CR 16.0005	WA	WDFW	2002	2004	48	-124
04B9608	631540	2	SKYKOMISH R 07.0012		H	SPS	KENN	PEALE PASS @ SS PENS	WA	WDFW	2001	2004	48	-124
04B9609	631776	1	GROVERS CR 15.0299	3	H	MPS	EKPN	GROVERS CR HATCHERY	WA	SUQ	2002	2004	48	-125
04B9610	631273	1	SNAKE R-LOWR 33.0002	8	H	SNAK	SNAKG	SNK BLW GRANDE RHOND	ID	WDFW	2000	2004	48	-125
04B9611	051064	2	BIG QUILCENE 17.0012	3	H	HOOD	TPDB	QUILCENE BAY SEAPENS	WA	SKOK	2001	2004	48	-124
04B9612	631485	2	BIG SOOS CR 09.0072		H	MPS	DUWA	BIG SOOS CR 09.0072	WA	WDFW	2001	2004	48	-124
04B9901	093510	1	COLE RIVERS HATCHERY	3	H	LOCR	YOCL	YOUNGS R & BAY	OR	ODFW	2001	2004	44	-124
04B9902	636322	1	GEORGE ADAMS (PURDY)	3	H	HOOD	SKDO	PURDY CR 16.0005	WA	WDFW	2001	2004	48	-124
04B9903	631405	1	GROVERS CR 15.0299	3	H	MPS	EKPN	GORST CR 15.0216	WA	SUQ	2001	2004	48	-124
04B9904	184612	1	S-CHILLIWACK R	3	H	FRTH	LWFR	R-CHILLIWACK R	BC	CDFO	2000	2004	48	-124
04B9905	630891	1	WELLS HATCHERY	2	M	UPCR	WACO	COL R @ TURTLE ROCK	WA	WDFW	2001	2004	48	-124
04B9906	210390	1	GROVERS CR 15.0299	3	H	MPS	EKPN	GROVERS CR HATCHERY	WA	SUQ	2001	2004	48	-124
04B9908	050767	1	COLEMAN NFH	7	H	SACR	SACR	RYDE-KOKET	CA	FWS	2001	2004	48	-124
04B9909	185533	1	S-CHILLIWACK R	3	H	FRTH	LWFR	R-CHILLIWACK R	BC	CDFO	2002	2004	48	-124
04B9910	184915	1	S-CHILLIWACK R	3	H	FRTH	LWFR	R-CHILLIWACK R	BC	CDFO	2001	2004	48	-124
04B9912	631272	1	WENATCHEE R 45.0030	2	M	UPCR	WECH	WENATCHEE R 45.0030	WA	WDFW	2000	2004	48	-125
04B9913	184911	1	S-HARRISON R	3	H	FRTH	LWFR	R-CHEHALIS R	BC	CDFO	2001	2004	48	-124
04B9914	184913	1	S-CHILLIWACK R	3	H	FRTH	LWFR	R-CHILLIWACK R	BC	CDFO	2001	2004	48	-124
04B9915	184914	1	S-CHILLIWACK R	3	H	FRTH	LWFR	R-CHILLIWACK R	BC	CDFO	2001	2004	48	-124
04B9916	610105	1	LYONS FERRY HATCHERY	8	H	SNAK	SNAKG	CAPTAIN JOHNS PD	WA	NEZP	2001	2004	48	-124
04B9917	610118	1	LYONS FERRY HATCHERY	8	H	SNAK	SNAKG	CAPTAIN JOHNS PD	WA	NEZP	2001	2004	48	-124

Table 3.

recovery_id	tag_code	species	stock_location_name	run	rearing_type	¹ release_location_psc_region	² release_location_psc_basin	release_location_name	release_location_state	³ release_agency	brood_year	run_year	latitude (degrees)	longitude (degrees)
04B9919	630685	1	GEORGE ADAMS (PURDY)	3	H	HOOD	SKDO	PURDY CR 16.0005	WA	WDFW	2000	2004	48	-124
04B9920	631434	1	NOOKSACK R 01.0120	1	H	NOOK	NOOK	KENDALL CR 01.0406	WA	WDFW	2001	2004	48	-124
04B9921	630891	1	WELLS HATCHERY	2	M	UPCR	WACO	COL R @ TURTLE ROCK	WA	WDFW	2001	2004	48	-124
04B9922	184613	1	S-CHILLIWACK R	3	H	FRTH	LWFR	R-CHILLIWACK R	BC	CDFO	2000	2004	48	-124
04B9924	184911	1	S-HARRISON R	3	H	FRTH	LWFR	R-CHEHALIS R	BC	CDFO	2001	2004	48	-124
04B9925	630688	1	CLEAR CR 11.0013C	3	H	SPS	NISQ	CLEAR CR 11.0013C	WA	NISQ	2000	2004	48	-124
04B9926	210405	1	NOOKSACK+SAMISH MIX	3	H	NOOK	NOOK	LUMMI SEA PONDS	WA	LUMM	2001	2004	48	-124
04B9927	630189	1	CLEAR CR 11.0013C	3	H	SPS	NISQ	CLEAR CR 11.0013C	WA	NISQ	2000	2004	48	-124
04B9928	630305	1	GEORGE ADAMS (PURDY)	3	H	HOOD	SKDO	PURDY CR 16.0005	WA	WDFW	2001	2004	48	-124
04B9929	631585	1	SNAKE R-LOWR 33.0002	8	H	SNAK	SNAKG	SNK BLW GRANDE RHOND	ID	WDFW	2001	2004	48	-124
04B9930	630867	1	COWLITZ R 26.0002	1	H	LOCR	COWL	COWLITZ R 26.0002	WA	WDFW	2000	2004	48	-125
04B9931	630676	1	SAMISH (FRIDAY CR)	3	H	NOOK	SAM	FRIDAY CR 03.0017	WA	WDFW	2000	2004	48	-125
04B9932	631378	1	SAMISH (FRIDAY CR)	3	H	NOOK	SAM	FRIDAY CR 03.0017	WA	WDFW	2001	2004	48	-124
04B9933	184909	1	S-STAVE R	3	H	FRTH	LWFR	R-STAVE R	BC	CDFO	2001	2004	48	-125
04B9934	184909	1	S-STAVE R	3	H	FRTH	LWFR	R-STAVE R	BC	CDFO	2001	2004	48	-125
04B9936	184909	1	S-STAVE R	3	H	FRTH	LWFR	R-STAVE R	BC	CDFO	2001	2004	48	-125
04B9937	630896	1	SKAGIT R 03.0176	1	H	SKAG	SKAG	CASCADE CR 03.2584	WA	WDFW	2001	2004	48	-125
04B9938	184911	1	S-HARRISON R	3	H	FRTH	LWFR	R-CHEHALIS R	BC	CDFO	2001	2004	48	-125
04B9939	631463	1	COWLITZ R 26.0002	1	H	LOCR	COWL	COWLITZ R 26.0002	WA	WDFW	2001	2004	48	-125
04B9940	631378	1	SAMISH (FRIDAY CR)	3	H	NOOK	SAM	FRIDAY CR 03.0017	WA	WDFW	2001	2004	48	-125
04B9941	184911	1	S-HARRISON R	3	H	FRTH	LWFR	R-CHEHALIS R	BC	CDFO	2001	2004	48	-125
04B9942	184609	1	S-CHILLIWACK R	3	H	FRTH	LWFR	R-CHILLIWACK R	BC	CDFO	2000	2004	48	-125
04B9943	184914	1	S-CHILLIWACK R	3	H	FRTH	LWFR	R-CHILLIWACK R	BC	CDFO	2001	2004	48	-125
04B9944	184909	1	S-STAVE R	3	H	FRTH	LWFR	R-STAVE R	BC	CDFO	2001	2004	48	-125
04B9945	631374	1	BIG SOOS CR 09.0072	3	H	MPS	DUWA	BIG SOOS CR 09.0072	WA	WDFW	2001	2004	48	-125
04B9946	630670	1	BIG SOOS CR 09.0072	3	H	MPS	DUWA	BIG SOOS CR 09.0072	WA	WDFW	2000	2004	48	-125

Table 3.

recovery_id	tag_code	species	stock_location_name	run	rearing_type	¹ release_location_psc_region	² release_location_psc_basin	release_location_name	release_location_state	³ release_agency	brood_year	run_year	latitude (degrees)	longitude (degrees)
04B9947	630873	1	COWLITZ R 26.0002	1	H	LOCR	COWL	COWLITZ R 26.0002	WA	WDFW	2000	2004	48	-125
04B9948	631585	1	SNAKE R-LOWR 33.0002	8	H	SNAK	SNAKG	SNK BLW GRANDE RHOND	ID	WDFW	2001	2004	48	-125
04B9949	184911	1	S-HARRISON R	3	H	FRTH	LWFR	R-CHEHALIS R	BC	CDFO	2001	2004	48	-125
04B9951	630990	1	COWLITZ R 26.0002	1	H	LOCR	COWL	COWLITZ R 26.0002	WA	WDFW	2000	2004	48	-125
04B9952	093314	1	GARDINER CR (UMPQUA)	3	H	SOOR	UMPQ	UMPQUA R	OR	ODFW	2000	2004	48	-125
04B9953	184916	1	S-CHILLIWACK R	3	H	FRTH	LWFR	R-CHILLIWACK R	BC	CDFO	2001	2004	48	-124
04B9954	636322	1	GEORGE ADAMS (PURDY)	3	H	HOOD	SKDO	PURDY CR 16.0005	WA	WDFW	2001	2004	48	-124
04B9955	630677	1	LYONS FERRY HATCHERY	8	H	SNAK	CLEA	BIG CANYON ACCL POND	WA	NEZP	2000	2004	48	-124
04B9956	184913	1	S-CHILLIWACK R	3	H	FRTH	LWFR	R-CHILLIWACK R	BC	CDFO	2001	2004	48	-124
04B9957	210402	1	SKAGIT R 03.0176	3	W	SKAG	SKAG	BAKER R 03.0435	WA	WDFW	2001	2004	48	-124
04B9958	630895	1	WHITE R 10.0031	1	H	SPS	EKPS	MINTER CR 15.0048	WA	WDFW	2001	2004	48	-124
04B9960	631372	1	GEORGE ADAMS (PURDY)	3	H	HOOD	SKDO	PURDY CR 16.0005	WA	WDFW	2002	2004	48	-124
04B9961	631378	1	SAMISH (FRIDAY CR)	3	H	NOOK	SAM	FRIDAY CR 03.0017	WA	WDFW	2001	2004	48	-124
04B9962	631468	1	COWLITZ R 26.0002	1	H	LOCR	COWL	COWLITZ R 26.0002	WA	WDFW	2001	2004	48	-124
04B9963	610105	1	LYONS FERRY HATCHERY	8	H	SNAK	SNAKG	CAPTAIN JOHNS PD	WA	NEZP	2001	2004	48	-124
04B9964	630678	1	LYONS FERRY HATCHERY	8	H	SNAK	SNAKG	SNAKE R @PITTSBURG L	WA	NEZP	2000	2004	48	-124
04B9965	610105	1	LYONS FERRY HATCHERY	8	H	SNAK	SNAKG	CAPTAIN JOHNS PD	WA	NEZP	2001	2004	48	-124
04B9966	184909	1	S-STAVE R	3	H	FRTH	LWFR	R-STAVE R	BC	CDFO	2001	2004	48	-124
04B9967	185536	1	S-CHILLIWACK R	3	H	FRTH	LWFR	R-CHILLIWACK R	BC	CDFO	2002	2004	48	-124
04B9968	631371	1	GEORGE ADAMS (PURDY)	3	H	HOOD	SKDO	PURDY CR 16.0005	WA	WDFW	2002	2004	48	-124
04B9969	093447	1	UMPQUA R(ROCK CR HT)	1	H	SOOR	UMPQ	ROCK CR (N UMPQUA R)	OR	ODFW	2001	2004	48	-124
04B9970	210324	1	WALLACE R + SAMISH	3	H	STIL	SNOH	TULALIP CR 07.0001	WA	TULA	2001	2004	48	-124
04B9971	210390	1	GROVERS CR 15.0299	3	H	MPS	EKPN	GROVERS CR HATCHERY	WA	SUQ	2001	2004	48	-124
04B9972	210324	1	WALLACE R + SAMISH	3	H	STIL	SNOH	TULALIP CR 07.0001	WA	TULA	2001	2004	48	-124
04B9974	210390	1	GROVERS CR 15.0299	3	H	MPS	EKPN	GROVERS CR HATCHERY	WA	SUQ	2001	2004	48	-124
04B9978	631376	1	GROVERS CR 15.0299	3	H	MPS	EKPN	GROVERS CR HATCHERY	WA	SUQ	2001	2004	48	-124

Table 3.

recovery_id	tag_code	species	stock_location_name	run	rearing_type	¹ release_location_psc_region	² release_location_psc_basin	release_location_name	release_location_state	³ release_agency	brood_year	run_year	latitude (degrees)	longitude (degrees)
04B9979	630889	1	WELLS HATCHERY	2	H	UPCR	WACO	COL R @ TURTLE ROCK	WA	WDFW	2001	2004	48	-124
04B9980	631548	1	NA		H			NA		WDFW	2001	2004	48	-124
04B9981	210479	1	GROVERS CR 15.0299	3	H	MPS	EKPN	GROVERS CR HATCHERY	WA	SUQ	2002	2004	48	-124
04B9982	062787	1	FEATHER RIVER	1	H	SACR	SFBA	BENICIA	CA	CDWR	2002	2004	48	-124
04B9983	631457	1	COWLITZ R 26.0002	1	H	LOCR	COWL	COWLITZ R 26.0002	WA	WDFW	2001	2004	48	-124
04B9984	631585	1	SNAKE R-LOWR 33.0002	8	H	SNAK	SNAKG	SNK BLW GRANDE RHOND	ID	WDFW	2001	2004	48	-124
04B9985	210390	1	GROVERS CR 15.0299	3	H	MPS	EKPN	GROVERS CR HATCHERY	WA	SUQ	2001	2004	48	-125
04B9986	210479	1	GROVERS CR 15.0299	3	H	MPS	EKPN	GROVERS CR HATCHERY	WA	SUQ	2002	2004	48	-125
04B9987	210324	1	WALLACE R + SAMISH	3	H	STIL	SNOH	TULALIP CR 07.0001	WA	TULA	2001	2004	48	-125
04B9988	631380	1	SKYKOMISH R 07.0012	2	H	STIL	SNOH	WALLACE R 07.0940	WA	WDFW	2001	2004	48	-125
04B9989	631403	1	CLEAR CR 11.0013C	3	H	SPS	NISQ	CLEAR CR 11.0013C	WA	NISQ	2001	2004	48	-124
04B9990	631374	1	BIG SOOS CR 09.0072	3	H	MPS	DUWA	BIG SOOS CR 09.0072	WA	WDFW	2001	2004	48	-124
04B9991	631410	1	ELOCHOMAN R 25.0236	3	H	LOCR	GREL	ELOCHOMAN R 25.0236	WA	WDFW	2002	2004	48	-124
04B9992	210295	1	CLEAR CR 11.0013C	3	H	SPS	NISQ	CLEAR CR 11.0013C	WA	NISQ	2001	2004	48	-124
04B9993	631539	2	MINTER CR 15.0048		H	SPS	KENN	PEALE PASS @ SS PENS	WA	WDFW	2001	2004	48	-124
04B9994	631585	1	SNAKE R-LOWR 33.0002	8	H	SNAK	SNAKG	SNK BLW GRANDE RHOND	ID	WDFW	2001	2004	48	-125
04B9995	631776	1	GROVERS CR 15.0299	3	H	MPS	EKPN	GROVERS CR HATCHERY	WA	SUQ	2002	2004	48	-125
04B9996	210479	1	GROVERS CR 15.0299	3	H	MPS	EKPN	GROVERS CR HATCHERY	WA	SUQ	2002	2004	48	-125
04B9997	630790	1	COWLITZ R 26.0002	1	H	LOCR	COWL	COWLITZ R 26.0002	WA	WDFW	2000	2004	48	-125
04B9999	050779	1	SPRING CR 29.0159	3	H	CECR	WIND	SPRING CR 29.0159	WA	FWS	2001	2004	48	-125
04C8402	610120	1	LYONS FERRY HATCHERY	8	H	SNAK	SNAKG	SNAKE R @PITTSBURG L	WA	NEZP	2001	2004	43	-124
04C8404	050880	1	COLEMAN NFH	3	H	SACR	SACR	COLEMAN NFH	CA	FWS	2001	2004	44	-124
05P1201	093809	1	COLE RIVERS HATCHERY	3	H	LOCR	YOCL	COLUMBIA R-1	OR	CEDC	2002	2005	45	-124
05P1240	093801	1	COLE RIVERS HATCHERY	1	H	SOOR	ROGU	ROGUE R 4	OR	ODFW	2002	2005	45	-124
05P1255	065308	1	TRINITY RIVER	1	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	2002	2005	44	-124
05P3268	093516	1	COLE RIVERS HATCHERY	3	H	SOOR	ROGU	ROGUE R 4	OR	ODFW	2001	2005	43	-124

Table 3.

recovery_id	tag_code	species	stock_location_name	run	rearing_type	¹ release_location_psc_region	² release_location_psc_basin	release_location_name	release_location_state	³ release_agency	brood_year	run_year	latitude (degrees)	longitude (degrees)
05P3320	210392	1	KALAMA CR 11.0017	3	H	SPS	NISQ	KALAMA CR 11.0017	WA	NISQ	2001	2005	47	-124
05P7201	184913	1	S-CHILLIWACK R	3	H	FRTH	LWFR	R-CHILLIWACK R	BC	CDFO	2001	2005	47	-125
05P7273	065308	1	TRINITY RIVER	1	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	2002	2005	45	-124
05P7307	065309	1	TRINITY RIVER	3	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	2002	2005	45	-124
05P7357	065308	1	TRINITY RIVER	1	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	2002	2005	45	-124
05P7374	051768	1	COLEMAN NFH	7	H	SACR	SACR	COLEMAN NFH	CA	FWS	2003	2005	45	-124
05P7400	066359	1	KLAMATH RIVER	3	H	KLAM	KLAM	IRON GATE HATCHERY	CA	CDFG	2002	2005	44	-124
05P7401	062786	1	FEATHER RIVER	1	H	SACR	SFBA	BENICIA	CA	CDWR	2002	2005	44	-124
05P7402	065309	1	TRINITY RIVER	3	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	2002	2005	44	-124
05P7406	065308	1	TRINITY RIVER	1	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	2002	2005	44	-124
05P7410	050878	1	COLEMAN NFH	3	H	SACR	SACR	COLEMAN NFH	CA	FWS	2001	2005	43	-124
05P7412	093813	1	CHETCO R	3	H	SOOR	CHET	CHETCO R	OR	ODFW	2002	2005	43	-124
05P7413	631896	1	CLEAR CR 11.0013C	3	H	SPS	NISQ	CLEAR CR 11.0013C	WA	NISQ	2003	2005	48	-124
05P7416	631879	1	CHAMBERS CR 12.0007	3	H	SPS	CHAM	CHAMBERS CR 12.0007	WA	WDFW	2003	2005	48	-124
05P7417	632378	1	BIG SOOS CR 09.0072	3	H	MPS	DUWA	BIG SOOS CR 09.0072	WA	WDFW	2003	2005	48	-124
05P7418	210544	1	GROVERS CR 15.0299	3	H	MPS	EKPN	GROVERS CR HATCHERY	WA	SUQ	2003	2005	48	-124
05P7419	210483	1	CLEAR CR 11.0013C	3	H	SPS	NISQ	CLEAR CR 11.0013C	WA	NISQ	2002	2005	48	-124
05P7420	210548	1	CLEAR CR 11.0013C	3	H	SPS	NISQ	CLEAR CR 11.0013C	WA	NISQ	2003	2005	48	-124
05P7421	632283	1	GROVERS CR 15.0299	3	H	MPS	EKPN	GROVERS CR HATCHERY	WA	SUQ	2003	2005	48	-124
05P7422	631547	1	CHAMBERS CR 12.0007	3	H	SPS	CHAM	CHAMBERS CR 12.0007	WA	WDFW	2002	2005	48	-124
05P7423	632375	1	GEORGE ADAMS (PURDY)	3	H	HOOD	SKDO	PURDY CR 16.0005	WA	WDFW	2003	2005	48	-125
05P7424	631896	1	CLEAR CR 11.0013C	3	H	SPS	NISQ	CLEAR CR 11.0013C	WA	NISQ	2003	2005	48	-124
05P7500	062667	1	AMERICAN RIVER	3	H	SACR	SFBA	WICKLAND OIL NET PEN	CA	CDFG	2001	2005	43	-124
05P7502	093812	1	ELK R (ELK R HT)	3	H	SOOR	SIXE	ELK R	OR	ODFW	2002	2005	43	-124
05P7503	093818	1	COLE RIVERS HATCHERY	3	H	LOCR	YOCL	KLASKANINE R N FK	OR	ODFW	2002	2005	43	-124
05P7504	065295	1	TRINITY RIVER	1	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	2002	2005	43	-124

Table 3.

recovery_id	tag_code	species	stock_location_name	run	rearing_type	¹ release_location_psc_region	² release_location_psc_basin	release_location_name	release_location_state	³ release_agency	brood_year	run_year	latitude (degrees)	longitude (degrees)
05P7505	093818	1	COLE RIVERS HATCHERY	3	H	LOCR	YOCL	KLASKANINE R N FK	OR	ODFW	2002	2005	43	-124
05P7506	051777	1	COLEMAN NFH	7	H	SACR	SACR	COLEMAN NFH	CA	FWS	2003	2005	43	-124
05P7507	093818	1	COLE RIVERS HATCHERY	3	H	LOCR	YOCL	KLASKANINE R N FK	OR	ODFW	2002	2005	43	-124
05P7508	066358	1	KLAMATH RIVER	3	H	KLAM	KLAM	IRON GATE HATCHERY	CA	CDFG	2002	2005	43	-124
05P7509	051775	1	COLEMAN NFH	7	H	SACR	SACR	COLEMAN NFH	CA	FWS	2003	2005	43	-124
05P7510	051781	1	COLEMAN NFH	7	H	SACR	SACR	RYDE-KOKET	CA	FWS	2003	2005	43	-124
05P7511	065309	1	TRINITY RIVER	3	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	2002	2005	43	-124
05P7513	065309	1	TRINITY RIVER	3	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	2002	2005	43	-124
05P7516	065308	1	TRINITY RIVER	1	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	2002	2005	43	-124
05P7520	631585	1	SNAKE R-LOWR 33.0002	8	H	SNAK	SNAKG	SNK BLW GRANDE RHOND	ID	WDFW	2001	2005	43	-124
05P7522	065309	1	TRINITY RIVER	3	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	2002	2005	43	-124
05P7525	051768	1	COLEMAN NFH	7	H	SACR	SACR	COLEMAN NFH	CA	FWS	2003	2005	43	-124
05P7529	065298	1	TRINITY RIVER	3	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	2002	2005	43	-124
05P7530	093512	1	COLE RIVERS HATCHERY	3	H	LOCR	YOCL	YOUNGS R & BAY	OR	ODFW	2001	2005	43	-124
05P7531	051775	1	COLEMAN NFH	7	H	SACR	SACR	COLEMAN NFH	CA	FWS	2003	2005	43	-124
05P7533	065308	1	TRINITY RIVER	1	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	2002	2005	43	-124
05P7534	065299	1	TRINITY RIVER	3	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	2002	2005	43	-124
05P7538	051768	1	COLEMAN NFH	7	H	SACR	SACR	COLEMAN NFH	CA	FWS	2003	2005	43	-124
05P7540	065288	1	TRINITY RIVER	1	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	2001	2005	43	-124
05P7542	065133	1	EEL RIVER	3	H	CECA	MAEL	VAN ARSDALE	CA	CDFG	2002	2005	43	-124
05P7543	065299	1	TRINITY RIVER	3	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	2002	2005	43	-124
05P7544	065308	1	TRINITY RIVER	1	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	2002	2005	43	-124
05P7549	065298	1	TRINITY RIVER	3	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	2002	2005	44	-124
05P7550	065309	1	TRINITY RIVER	3	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	2002	2005	43	-124
05P7551	066357	1	KLAMATH RIVER	3	H	KLAM	KLAM	IRON GATE HATCHERY	CA	CDFG	2001	2005	43	-124
05P7555	051093	1	COLEMAN NFH	7	H	SACR	SACR	COLEMAN NFH	CA	FWS	2002	2005	43	-124

Table 3.

recovery_id	tag_code	species	stock_location_name	run	rearing_type	¹ release_location_psc_region	² release_location_psc_basin	release_location_name	release_location_state	³ release_agency	brood_year	run_year	latitude (degrees)	longitude (degrees)
05P7557	062757	1	FEATHER RIVER	1	H	SACR	SFBA	BENICIA	CA	CDWR	2002	2005	43	-124
05P7562	093818	1	COLE RIVERS HATCHERY	3	H	LOCR	YOCL	KLASKANINE R N FK	OR	ODFW	2002	2005	43	-124
05P7563	062757	1	FEATHER RIVER	1	H	SACR	SFBA	BENICIA	CA	CDWR	2002	2005	43	-124
05P7564	066358	1	KLAMATH RIVER	3	H	KLAM	KLAM	IRON GATE HATCHERY	CA	CDFG	2002	2005	43	-124
05P7565	051766	1	COLEMAN NFH	7	H	SACR	SACR	COLEMAN NFH	CA	FWS	2003	2005	43	-124
05P7566	051766	1	COLEMAN NFH	7	H	SACR	SACR	COLEMAN NFH	CA	FWS	2003	2005	43	-124
05P7568	065299	1	TRINITY RIVER	3	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	2002	2005	43	-124
05P7570	065289	1	TRINITY RIVER	3	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	2001	2005	43	-124
05P7572	062791	1	FEATHER RIVER	1	H	SACR	FEA	LIVE OAK	CA	CDWR	2002	2005	43	-124
05P7574	065295	1	TRINITY RIVER	1	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	2002	2005	43	-124
05P7578	062759	1	FEATHER RIVER	1	H	SACR	SFBA	BENICIA	CA	CDWR	2002	2005	43	-124
05P7581	062786	1	FEATHER RIVER	1	H	SACR	SFBA	BENICIA	CA	CDWR	2002	2005	43	-124
05P7582	065308	1	TRINITY RIVER	1	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	2002	2005	43	-124
05P7583	065309	1	TRINITY RIVER	3	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	2002	2005	43	-124
05P7584	631585	1	SNAKE R-LOWR 33.0002	8	H	SNAK	SNAKG	SNK BLW GRANDE RHOND	ID	WDFW	2001	2005	43	-124
05P7591	051765	1	COLEMAN NFH	7	H	SACR	SACR	COLEMAN NFH	CA	FWS	2003	2005	43	-124
05P7592	062756	1	FEATHER RIVER	1	H	SACR	SFBA	BENICIA	CA	CDWR	2002	2005	43	-124
05P7595	051766	1	COLEMAN NFH	7	H	SACR	SACR	COLEMAN NFH	CA	FWS	2003	2005	43	-124
05P7700	632167	1	SNAKE R-LOWR 33.0002	8	H	SNAK	SNAKG	SNK BLW GRANDE RHOND	ID	WDFW	2002	2005	48	-125
05P7701	632388	1	ISSAQUAH CR 08.0178	3	H	MPS	LAKW	ISSAQUAH CR 08.0178	WA	WDFW	2003	2005	48	-124
05P7703	210509	1	SAMISH R 03.0005	3	H	NOOK	NOOK	NOOKSACK R 01.0120	WA	LUMM	2002	2005	48	-124
05P7704	210525	2	BIG SOOS CR 09.0072	3	H	MPS	DUWA	ELLIOTT BAY TRIBAL NP	WA	COOP	2002	2005	48	-124
05P7705	631795	1	GROVERS CR 15.0299	3	H	MPS	EKPN	GORST CR 15.0216	WA	SUQ	2002	2005	48	-124
05P7706	210479	1	GROVERS CR 15.0299	3	H	MPS	EKPN	GROVERS CR HATCHERY	WA	SUQ	2002	2005	48	-124
05P7707	630992	1	ISSAQUAH CR 08.0178	3	H	MPS	LAKW	ISSAQUAH CR 08.0178	WA	WDFW	2002	2005	48	-124
05P7708	631558	1	MINTER CR 15.0048	3	H	SPS	EKPS	MINTER CR 15.0048	WA	WDFW	2002	2005	48	-125

Table 3.

recovery_id	tag_code	species	stock_location_name	run	rearing_type	¹ release_location_psc_region	² release_location_psc_basin	release_location_name	release_location_state	³ release_agency	brood_year	run_year	latitude (degrees)	longitude (degrees)
05P7709	185161	1	S-CHILLIWACK R	3	H	FRTH	LWFR	R-CHILLIWACK R	BC	CDFO	2003	2005	48	-124
05P7710	631994	2	BIG SOOS CR 09.0072		H	MPS	DUWA	BIG SOOS CR 09.0072	WA	WDFW	2002	2005	48	-124
05P7711	210428	2	WALLACE R 07.0940	3	H	STIL	SNOH	TULALIP CR 07.0001	WA	TULA	2002	2005	48	-124
05P7712	630875	1	KALAMA R 27.0002	1	H	LOCR	LEWI	GOBAR CR 27.0073	WA	WDFW	2002	2005	48	-124
05P7713	184921	1	S-HARRISON R	3	H	FRTH	LWFR	R-CHEHALIS R	BC	CDFO	2002	2005	48	-124
05P7714	631971	1	DESCHUTES R 13.0028	3	H	SPS	DES	DESCHUTES R 13.0028	WA	WDFW	2002	2005	48	-125
05P7715	630677	1	LYONS FERRY HATCHERY	8	H	SNAK	CLEA	BIG CANYON ACCL POND	WA	NEZP	2000	2005	48	-124
05P7716	184909	1	S-STAVE R	3	H	FRTH	LWFR	R-STAVE R	BC	CDFO	2001	2005	48	-125
05P7717	184924	1	S-HARRISON R	3	H	FRTH	LWFR	R-CHEHALIS R	BC	CDFO	2003	2005	48	-125
05P7718	185014	1	S-COWICHAN R	3	H	GST	GSVI	R-COWICHAN R UP	BC	CDFO	2002	2005	48	-125
05P7719	051091	1	COLEMAN NFH	7	H	SACR	SACR	COLEMAN NFH	CA	FWS	2002	2005	48	-125
05P7720	632283	1	GROVERS CR 15.0299	3	H	MPS	EKPN	GROVERS CR HATCHERY	WA	SUQ	2003	2005	48	-124
05P7721	631371	1	GEORGE ADAMS (PURDY)	3	H	HOOD	SKDO	PURDY CR 16.0005	WA	WDFW	2002	2005	48	-124
05P7722	050665	2	COOK CR 21.0429		H	NWC	QEUQ	COOK CR 21.0429	WA	FWS	2002	2005	48	-124
05P7723	185533	1	S-CHILLIWACK R	3	H	FRTH	LWFR	R-CHILLIWACK R	BC	CDFO	2002	2005	48	-124
05P7724	631556	1	KALAMA R 27.0002	3	H	LOCR	LEWI	FALLERT CR 27.0017	WA	WDFW	2002	2005	48	-124
05P7725	210428	2	WALLACE R 07.0940	3	H	STIL	SNOH	TULALIP CR 07.0001	WA	TULA	2002	2005	48	-124
05P7726	210548	1	CLEAR CR 11.0013C	3	H	SPS	NISQ	CLEAR CR 11.0013C	WA	NISQ	2003	2005	48	-124
05P7728	185161	1	S-CHILLIWACK R	3	H	FRTH	LWFR	R-CHILLIWACK R	BC	CDFO	2003	2005	48	-124
05P7729	185531	1	S-CHEMAINUS R	3	H	GST	GSVI	R-CHEMAINUS R	BC	CDFO	2003	2005	48	-124
05P7732	066357	1	KLAMATH RIVER	3	H	KLAM	KLAM	IRON GATE HATCHERY	CA	CDFG	2001	2005	48	-124
05P7736	632375	1	GEORGE ADAMS (PURDY)	3	H	HOOD	SKDO	PURDY CR 16.0005	WA	WDFW	2003	2005	48	-124
05P7737	631784	1	BIG SOOS CR 09.0072	3	H	MPS	DUWA	BIG SOOS CR 09.0072	WA	WDFW	2002	2005	48	-124
05P7738	210483	1	CLEAR CR 11.0013C	3	H	SPS	NISQ	CLEAR CR 11.0013C	WA	NISQ	2002	2005	48	-124
05P7739	210483	1	CLEAR CR 11.0013C	3	H	SPS	NISQ	CLEAR CR 11.0013C	WA	NISQ	2002	2005	48	-124
05P7740	631372	1	GEORGE ADAMS (PURDY)	3	H	HOOD	SKDO	PURDY CR 16.0005	WA	WDFW	2002	2005	48	-124

Table 3.

recovery_id	tag_code	species	stock_location_name	run	rearing_type	¹ release_location_psc_region	² release_location_psc_basin	release_location_name	release_location_state	³ release_agency	brood_year	run_year	latitude (degrees)	longitude (degrees)
05P7741	210446	1	DUNGENESS R 18.0018	1	W	JUAN	ELDU	HURD CR 18.0028	WA	WDFW	2002	2005	48	-124
05P7742	631893	1	WHITE R 10.0031	1	H	SPS	EKPS	MINTER CR 15.0048	WA	WDFW	2003	2005	48	-124
05P7743	632167	1	SNAKE R-LOWR 33.0002	8	H	SNAK	SNAKG	SNK BLW GRANDE RHOND	ID	WDFW	2002	2005	48	-124
05P7744	631774	1	SAMISH (FRIDAY CR)	3	H	NOOK	SAM	FRIDAY CR 03.0017	WA	WDFW	2002	2005	48	-124
05P7745	632197	2	SKYKOMISH R 07.0012		H	STIL	SNOH	WALLACE R 07.0940	WA	WDFW	2002	2005	48	-124
05P7746	185532	1	S-CHILLIWACK R	3	H	FRTH	LWFR	R-CHILLIWACK R	BC	CDFO	2003	2005	48	-124
05P7747	050666	2	COOK CR 21.0429		H	NWC	QEQU	COOK CR 21.0429	WA	FWS	2002	2005	48	-124
05P7748	210544	1	GROVERS CR 15.0299	3	H	MPS	EKPN	GROVERS CR HATCHERY	WA	SUQ	2003	2005	48	-124
05P7749	051675	2	BIG QUILCENE 17.0012		H	HOOD	TPDB	BIG QUILCENE 17.0012	WA	FWS	2002	2005	48	-124
05P7750	631674	2	BIG SOOS CR 09.0072		H	MPS	DUWA	BIG SOOS CR 09.0072	WA	WDFW	2002	2005	48	-124
05P7751	631387	1	SKYKOMISH R 07.0012	2	H	STIL	SNOH	WALLACE R 07.0940	WA	WDFW	2002	2005	48	-124
05P7752	631775	1	SAMISH (FRIDAY CR)	3	H	NOOK	SAM	FRIDAY CR 03.0017	WA	WDFW	2002	2005	48	-124
05P7753	630992	1	ISSAQUAH CR 08.0178	3	H	MPS	LAKW	ISSAQUAH CR 08.0178	WA	WDFW	2002	2005	48	-124
05P7754	210547	1	CLEAR CR 11.0013C	3	H	SPS	NISQ	CLEAR CR 11.0013C	WA	NISQ	2003	2005	48	-124
05P7755	632374	1	GEORGE ADAMS (PURDY)	3	H	HOOD	SKDO	PURDY CR 16.0005	WA	WDFW	2003	2005	48	-124
05P7756	050669	2	COOK CR 21.0429		H	NWC	QEQU	COOK CR 21.0429	WA	FWS	2002	2005	48	-124
05P7757	632074	2	ISSAQUAH CR 08.0178		H	MPS	LAKW	ISSAQUAH CR 08.0178	WA	WDFW	2002	2005	48	-124
05P7758	185532	1	S-CHILLIWACK R	3	H	FRTH	LWFR	R-CHILLIWACK R	BC	CDFO	2003	2005	48	-124
05P7759	631890	1	WELLS HATCHERY	2	M	UPCR	WECH	COLUMBIA NEAR WELLS	WA	WDFW	2002	2005	48	-124
05P7761	051897	2	SOOES R 20.0015		H	NWC	QUHO	SOOES R 20.0015	WA	FWS	2002	2005	48	-124
05P7762	210524	2	BIG SOOS CR 09.0072	3	H	MPS	DUWA	ELLIOTT BAY TRIBAL NP	WA	COOP	2002	2005	48	-124
05P7763	632283	1	GROVERS CR 15.0299	3	H	MPS	EKPN	GROVERS CR HATCHERY	WA	SUQ	2003	2005	48	-124
05P7764	632284	1	MINTER CR 15.0048	3	H	SPS	EKPS	MINTER CR 15.0048	WA	WDFW	2003	2005	48	-124
05P7765	185163	1	S-CHILLIWACK R	3	H	FRTH	LWFR	R-CHILLIWACK R	BC	CDFO	2003	2005	48	-124
05P7766	093844	1	SANDY R (SANDY HT)	1	H	LOCR	SAND	SANDY R	OR	ODFW	2002	2005	48	-124
05P7767	612654	1	LYONS FERRY HATCHERY	8	H	SNAK	SNAKG	CAPTAIN JOHNS PD	WA	NEZP	2002	2005	48	-124

Table 3.

recovery_id	tag_code	species	stock_location_name	run	rearing_type	¹ release_location_psc_region	² release_location_psc_basin	release_location_name	release_location_state	³ release_agency	brood_year	run_year	latitude (degrees)	longitude (degrees)
05P7768	184924	1	S-HARRISON R	3	H	FRTH	LWFR	R-CHEHALIS R	BC	CDFO	2003	2005	48	-124
05P7769	632284	1	MINTER CR 15.0048	3	H	SPS	EKPS	MINTER CR 15.0048	WA	WDFW	2003	2005	48	-124
05P7770	184909	1	S-STAVE R	3	H	FRTH	LWFR	R-STAVE R	BC	CDFO	2001	2005	48	-124
05P7771	632181	2	MINTER CR 15.0048		H	SPS	EKPS	MINTER CR 15.0048	WA	WDFW	2002	2005	48	-124
05P7772	093954	1	COLE RIVERS HATCHERY	3	H	LOCR	YOCL	YOUNGS R & BAY	OR	ODFW	2003	2005	48	-125
05P7773	617207	1	DESCHUTES R	8	W			NA	NA	CTWS	2002	2005	48	-125
05P7793	631776	1	GROVERS CR 15.0299	3	H	MPS	EKPN	GROVERS CR HATCHERY	WA	SUQ	2002	2005	48	-124
05P7796	210508	1	SAMISH R 03.0005	3	H	NOOK	NOOK	LUMMI SEA PONDS	WA	LUMM	2002	2005	48	-124
05P7797	210485	1	VOIGHT CR 10.0414	3	H	MPS	PUYA	COWSKULL ACCLIM POND	WA	PUYA	2002	2005	48	-125
05P7798	631994	2	BIG SOOS CR 09.0072		H	MPS	DUWA	BIG SOOS CR 09.0072	WA	WDFW	2002	2005	48	-125
05P7800	631535	2	LEWIS R 27.0168	3	H	LOCR	LEWI	LEWIS R -NF 27.0168	WA	WDFW	2002	2005	44	-124
05P7801	065306	1	TRINITY RIVER	3	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	2002	2005	44	-124
05P7803	185536	1	S-CHILLIWACK R	3	H	FRTH	LWFR	R-CHILLIWACK R	BC	CDFO	2002	2005	48	-124
05P7804	210548	1	CLEAR CR 11.0013C	3	H	SPS	NISQ	CLEAR CR 11.0013C	WA	NISQ	2003	2005	48	-124
05P7805	631371	1	GEORGE ADAMS (PURDY)	3	H	HOOD	SKDO	PURDY CR 16.0005	WA	WDFW	2002	2005	48	-124
05P7806	210479	1	GROVERS CR 15.0299	3	H	MPS	EKPN	GROVERS CR HATCHERY	WA	SUQ	2002	2005	48	-124
05P7807	185535	1	S-CHILLIWACK R	3	H	FRTH	LWFR	R-CHILLIWACK R	BC	CDFO	2002	2005	48	-124
05P7808	631781	1	DESCHUTES R 13.0028	3	H	SPS	DES	DESCHUTES R 13.0028	WA	WDFW	2002	2005	48	-124
05P7809	210547	1	CLEAR CR 11.0013C	3	H	SPS	NISQ	CLEAR CR 11.0013C	WA	NISQ	2003	2005	48	-124
05P7810	051777	1	COLEMAN NFH	7	H	SACR	SACR	COLEMAN NFH	CA	FWS	2003	2005	48	-124
05P7811	631776	1	GROVERS CR 15.0299	3	H	MPS	EKPN	GROVERS CR HATCHERY	WA	SUQ	2002	2005	48	-124
05P7812	631673	2	BIG SOOS CR 09.0072		H	MPS	DUWA	BIG SOOS CR 09.0072	WA	WDFW	2002	2005	48	-124
05P7813	631994	2	BIG SOOS CR 09.0072		H	MPS	DUWA	BIG SOOS CR 09.0072	WA	WDFW	2002	2005	48	-124
05P7814	210524	2	BIG SOOS CR 09.0072	3	H	MPS	DUWA	ELLIOTT BAY TRIBAL NP	WA	COOP	2002	2005	48	-124
05P7815	631965	1	DESCHUTES R 13.0028	3	H	SPS	DES	DESCHUTES R 13.0028	WA	WDFW	2002	2005	48	-124
05P7816	051865	1	SPRING CR 29.0159	3	H	CECR	WIND	SPRING CR 29.0159	WA	FWS	2003	2005	48	-124

Table 3.

recovery_id	tag_code	species	stock_location_name	run	rearing_type	¹ release_location_psc_region	² release_location_psc_basin	release_location_name	release_location_state	³ release_agency	brood_year	run_year	latitude (degrees)	longitude (degrees)
05P7817	065309	1	TRINITY RIVER	3	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	2002	2005	44	-124
05P7819	093763	1	COLE RIVERS HATCHERY	1	H	SOOR	ROGU	ROGUE R 4	OR	ODFW	2002	2005	44	-124
05P7820	065299	1	TRINITY RIVER	3	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	2002	2005	44	-124
05P7821	210524	2	BIG SOOS CR 09.0072	3	H	MPS	DUWA	ELLIOTT BAY TRIBAL NP	WA	COOP	2002	2005	48	-124
05P7822	632283	1	GROVERS CR 15.0299	3	H	MPS	EKPN	GROVERS CR HATCHERY	WA	SUQ	2003	2005	48	-124
05P7823	631386	1	ISSAQUAH CR 08.0178	3	H	MPS	LAKW	ISSAQUAH CR 08.0178	WA	WDFW	2002	2005	48	-124
05P7824	210506	1	KALAMA CR 11.0017	3	H	SPS	NISQ	KALAMA CR 11.0017	WA	NISQ	2002	2005	48	-124
05P7825	631553	1	GROVERS CR 15.0299	3	H	MPS	EKPN	GORST CR 15.0216	WA	SUQ	2002	2005	48	-124
05P7826	093734	2	SANDY R (SANDY HT)		H	LOCR	SAND	SANDY R	OR	ODFW	2002	2005	48	-124
05P7827	631980	1	WENATCHEE R 45.0030	2	M	UPCR	WECH	WENATCHEE R 45.0030	WA	WDFW	2002	2005	48	-124
05P7828	185532	1	S-CHILLIWACK R	3	H	FRTH	LWFR	R-CHILLIWACK R	BC	CDFO	2003	2005	48	-124
05P7829	185535	1	S-CHILLIWACK R	3	H	FRTH	LWFR	R-CHILLIWACK R	BC	CDFO	2002	2005	48	-124
05P7830	632283	1	GROVERS CR 15.0299	3	H	MPS	EKPN	GROVERS CR HATCHERY	WA	SUQ	2003	2005	48	-124
05P7831	631780	1	VOIGHT CR 10.0414	3	H	MPS	PUYA	VOIGHT CR 10.0414	WA	WDFW	2002	2005	48	-124
05P7832	631562	2	LEWIS R 27.0168	7	H	LOCR	LEWI	LEWIS R -NF 27.0168	WA	WDFW	2002	2005	48	-124
05P7833	185532	1	S-CHILLIWACK R	3	H	FRTH	LWFR	R-CHILLIWACK R	BC	CDFO	2003	2005	48	-124
05P7834	632186	2	SKYKOMISH R 07.0012		H	SPS	KENN	PEALE PASS @ SS PENS	WA	WDFW	2002	2005	48	-124
05P7835	093526	1	ELK R (ELK R HT)	3	H	SOOR	SIXE	ELK R	OR	ODFW	2001	2005	48	-125
05P7836	065309	1	TRINITY RIVER	3	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	2002	2005	48	-125
05P7837	630469	1	METHOW & OKANOGAN	2	H	UPCR	MEOK	SIMILKAMEEN R 490325	WA	WDFW	1999	2005	48	-125
05P7839	631776	1	GROVERS CR 15.0299	3	H	MPS	EKPN	GROVERS CR HATCHERY	WA	SUQ	2002	2005	48	-125
05P7840	093819	1	COLE RIVERS HATCHERY	3	H	LOCR	YOCL	YOUNGS R & BAY	OR	ODFW	2002	2005	48	-125
05P7841	631968	1	COWLITZ R 26.0002	1	H	LOCR	COWL	COWLITZ R 26.0002	WA	WDFW	2002	2005	48	-125
05P7842	632280	1	SKYKOMISH R 07.0012	2	H	STIL	SNOH	WALLACE R 07.0940	WA	WDFW	2003	2005	48	-125
05P7843	184916	1	S-CHILLIWACK R	3	H	FRTH	LWFR	R-CHILLIWACK R	BC	CDFO	2001	2005	48	-125
05P7844	631547	1	CHAMBERS CR 12.0007	3	H	SPS	CHAM	CHAMBERS CR 12.0007	WA	WDFW	2002	2005	48	-125

Table 3.

recovery_id	tag_code	species	stock_location_name	run	rearing_type	¹ release_location_psc_region	² release_location_psc_basin	release_location_name	release_location_state	³ release_agency	brood_year	run_year	latitude (degrees)	longitude (degrees)
05P7845	631775	1	SAMISH (FRIDAY CR)	3	H	NOOK	SAM	FRIDAY CR 03.0017	WA	WDFW	2002	2005	48	-125
05P7846	184921	1	S-HARRISON R	3	H	FRTH	LWFR	R-CHEHALIS R	BC	CDFO	2002	2005	48	-125
05P7847	631781	1	DESCHUTES R 13.0028	3	H	SPS	DES	DESCHUTES R 13.0028	WA	WDFW	2002	2005	48	-125
05P7848	185533	1	S-CHILLIWACK R	3	H	FRTH	LWFR	R-CHILLIWACK R	BC	CDFO	2002	2005	48	-125
05P7849	632283	1	GROVERS CR 15.0299	3	H	MPS	EKPN	GROVERS CR HATCHERY	WA	SUQ	2003	2005	48	-124
05P7850	631681	2	VOIGHT CR 10.0414	3	H	MPS	PUYA	RUSHINGWATER 10.0625	WA	PUYA	2002	2005	48	-124
05P7851	065307	1	TRINITY RIVER	3	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	2002	2005	44	-124
05P7852	610118	1	LYONS FERRY HATCHERY	8	H	SNAG	SNAGG	CAPTAIN JOHNS PD	WA	NEZP	2001	2005	44	-124
05P7853	065308	1	TRINITY RIVER	1	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	2002	2005	44	-124
05P7854	631895	1	CLEAR CR 11.0013C	3	H	SPS	NISQ	CLEAR CR 11.0013C	WA	NISQ	2003	2005	48	-124
05P7855	632166	1	CHAMBERS CR 12.0007	3	H	SPS	CHAM	CHAMBERS CR 12.0007	WA	WDFW	2003	2005	48	-124
05P7856	631864	1	BIG SOOS CR 09.0072	3	H	MPS	DUWA	GREEN R 09.0001	WA	WDFW	2002	2005	48	-125
05P7857	631867	1	DESCHUTES R 13.0028	3	H	SPS	CHAM	CHAMBERS CR 12.0007	WA	WDFW	2002	2005	48	-124
05P7858	065309	1	TRINITY RIVER	3	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	2002	2005	48	-124
05P7859	093812	1	ELK R (ELK R HT)	3	H	SOOR	SIXE	ELK R	OR	ODFW	2002	2005	48	-124
05P7861	610122	1	LYONS FERRY HATCHERY	8	H	SNAG	CLEA	BIG CANYON ACCL POND	WA	NEZP	2002	2005	48	-124
05P7862	632196	2	SKYKOMISH R 07.0012		H	STIL	SNOH	WALLACE R 07.0940	WA	WDFW	2002	2005	48	-124
05P7863	631795	1	GROVERS CR 15.0299	3	H	MPS	EKPN	GORST CR 15.0216	WA	SUQ	2002	2005	48	-124
05P7864	093818	1	COLE RIVERS HATCHERY	3	H	LOCR	YOCL	KLASKANINE R N FK	OR	ODFW	2002	2005	48	-124
05P7865	631968	1	COWLITZ R 26.0002	1	H	LOCR	COWL	COWLITZ R 26.0002	WA	WDFW	2002	2005	48	-124
05P7866	631587	1	WENATCHEE R 45.0030	2	M	UPCR	WECH	WENATCHEE R 45.0030	WA	WDFW	2001	2005	48	-124
05P7867	631468	1	COWLITZ R 26.0002	1	H	LOCR	COWL	COWLITZ R 26.0002	WA	WDFW	2001	2005	48	-124
05P7868	210511	1	WHITE R 10.0031	1	H	MPS	PUYA	WHITE R 10.0031	WA	MUCK	2002	2005	48	-124
05P7869	093526	1	ELK R (ELK R HT)	3	H	SOOR	SIXE	ELK R	OR	ODFW	2001	2005	48	-124
05P7871	631898	1	COWLITZ R 26.0002	1	H	LOCR	COWL	COWLITZ R 26.0002	WA	WDFW	2002	2005	48	-124
05P7872	062785	1	FEATHER RIVER	1	H	SACR	SFBA	BENICIA	CA	CDWR	2002	2005	48	-124

Table 3.

recovery_id	tag_code	species	stock_location_name	run	rearing_type	¹ release_location_psc_region	² release_location_psc_basin	release_location_name	release_location_state	³ release_agency	brood_year	run_year	latitude (degrees)	longitude (degrees)
05P7874	632167	1	SNAKE R-LOWR 33.0002	8	H	SNAK	SNAKG	SNK BLW GRANDE RHOND	ID	WDFW	2002	2005	48	-124
05P7875	631403	1	CLEAR CR 11.0013C	3	H	SPS	NISQ	CLEAR CR 11.0013C	WA	NISQ	2001	2005	48	-124
05P7876	210483	1	CLEAR CR 11.0013C	3	H	SPS	NISQ	CLEAR CR 11.0013C	WA	NISQ	2002	2005	48	-124
05P7877	632167	1	SNAKE R-LOWR 33.0002	8	H	SNAK	SNAKG	SNK BLW GRANDE RHOND	ID	WDFW	2002	2005	48	-124
05P7878	210511	1	WHITE R 10.0031	1	H	MPS	PUYA	WHITE R 10.0031	WA	MUCK	2002	2005	48	-124
05P7879	631799	1	SKYKOMISH R 07.0012	2	H	STIL	SNOH	WALLACE R 07.0940	WA	WDFW	2002	2005	48	-124
05P7880	631784	1	BIG SOOS CR 09.0072	3	H	MPS	DUWA	BIG SOOS CR 09.0072	WA	WDFW	2002	2005	48	-124
05P7881	631766	1	WHITE R 10.0031	1	H	SPS	EKPS	MINTER CR 15.0048	WA	WDFW	2002	2005	48	-124
05P7882	631443	1	CLEAR CR 11.0013C	3	H	SPS	NISQ	CLEAR CR 11.0013C	WA	NISQ	2002	2005	48	-124
05P7885	631783	1	BIG SOOS CR 09.0072	3	H	MPS	DUWA	BIG SOOS CR 09.0072	WA	WDFW	2002	2005	48	-124
05P7886	210483	1	CLEAR CR 11.0013C	3	H	SPS	NISQ	CLEAR CR 11.0013C	WA	NISQ	2002	2005	48	-124
05P7887	631777	1	FINCH CR 16.0222	3	H	HOOD	SKDO	FINCH CR 16.0222	WA	WDFW	2002	2005	48	-124
05P7888	210483	1	CLEAR CR 11.0013C	3	H	SPS	NISQ	CLEAR CR 11.0013C	WA	NISQ	2002	2005	48	-124
05P7889	631879	1	CHAMBERS CR 12.0007	3	H	SPS	CHAM	CHAMBERS CR 12.0007	WA	WDFW	2003	2005	48	-124
05P7890	210493	1	WALLACE R + SAMISH	3	H	STIL	SNOH	TULALIP CR 07.0001	WA	TULA	2002	2005	48	-124
05P7892	631777	1	FINCH CR 16.0222	3	H	HOOD	SKDO	FINCH CR 16.0222	WA	WDFW	2002	2005	48	-124
05P7893	631887	1	GLENWOOD SPRINGS	3	H	NOOK	SJUA	EAST SOUND BAY (SAN)	WA	WDFW	2002	2005	48	-124
05P7894	631777	1	FINCH CR 16.0222	3	H	HOOD	SKDO	FINCH CR 16.0222	WA	WDFW	2002	2005	48	-124
05P7895	631445	1	CLEAR CR 11.0013C	3	H	SPS	NISQ	CLEAR CR 11.0013C	WA	NISQ	2002	2005	48	-124
05P7899	631780	1	VOIGHT CR 10.0414	3	H	MPS	PUYA	VOIGHT CR 10.0414	WA	WDFW	2002	2005	48	-124
05P7900	066359	1	KLAMATH RIVER	3	H	KLAM	KLAM	IRON GATE HATCHERY	CA	CDFG	2002	2005	44	-124
05P7901	631585	1	SNAKE R-LOWR 33.0002	8	H	SNAK	SNAKG	SNK BLW GRANDE RHOND	ID	WDFW	2001	2005	44	-124
05P7902	065309	1	TRINITY RIVER	3	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	2002	2005	44	-124
05P7903	065309	1	TRINITY RIVER	3	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	2002	2005	44	-124
05P7904	062666	1	AMERICAN RIVER	3	H	SACR	SFBA	WICKLAND OIL NET PEN	CA	CDFG	2001	2005	44	-124
05P7905	631777	1	FINCH CR 16.0222	3	H	HOOD	SKDO	FINCH CR 16.0222	WA	WDFW	2002	2005	48	-125

Table 3.

recovery_id	tag_code	species	stock_location_name	run	rearing_type	¹ release_location_psc_region	² release_location_psc_basin	release_location_name	release_location_state	³ release_agency	brood_year	run_year	latitude (degrees)	longitude (degrees)
05P7906	631880	1	CHAMBERS CR 12.0007	3	H	SPS	CHAM	CHAMBERS CR 12.0007	WA	WDFW	2003	2005	48	-125
05P7908	051770	1	COLEMAN NFH	7	H	SACR	SACR	COLEMAN NFH	CA	FWS	2003	2005	48	-124
05P7909	185162	1	S-CHILLIWACK R	3	H	FRTH	LWFR	R-CHILLIWACK R	BC	CDFO	2003	2005	48	-124
05P7910	630398	1	PORTAGE BAY STOCK UW	3	H	MPS	LAKW	PORTAGE BAY/SHIP CNL	WA	UW	2000	2005	48	-124
05P7911	631443	1	CLEAR CR 11.0013C	3	H	SPS	NISQ	CLEAR CR 11.0013C	WA	NISQ	2002	2005	48	-124
05P7912	631799	1	SKYKOMISH R 07.0012	2	H	STIL	SNOH	WALLACE R 07.0940	WA	WDFW	2002	2005	48	-124
05P7913	631783	1	BIG SOOS CR 09.0072	3	H	MPS	DUWA	BIG SOOS CR 09.0072	WA	WDFW	2002	2005	48	-124
05P7915	632167	1	SNAKE R-LOWR 33.0002	8	H	SNAK	SNAKG	SNK BLW GRANDE RHOND	ID	WDFW	2002	2005	48	-124
05P7916	631553	1	GROVERS CR 15.0299	3	H	MPS	EKPN	GORST CR 15.0216	WA	SUQ	2002	2005	48	-124
05P7917	065309	1	TRINITY RIVER	3	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	2002	2005	48	-124
05P7918	185532	1	S-CHILLIWACK R	3	H	FRTH	LWFR	R-CHILLIWACK R	BC	CDFO	2003	2005	48	-124
05P7919	631291	1	COWLITZ R 26.0002	1	H	LOCR	COWL	COWLITZ R 26.0002	WA	WDFW	2001	2005	48	-124
05P7920	630678	1	LYONS FERRY HATCHERY	8	H	SNAK	SNAKG	SNAKE R @PITTSBURG L	WA	NEZP	2000	2005	48	-124
05P7921	184913	1	S-CHILLIWACK R	3	H	FRTH	LWFR	R-CHILLIWACK R	BC	CDFO	2001	2005	48	-124
05P7922	631464	1	COWLITZ R 26.0002	1	H	LOCR	COWL	COWLITZ R 26.0002	WA	WDFW	2001	2005	48	-124
05P7923	093504	1	WASHINGTON BRIGHTS	7	H	CECR	UMAT	UMATILLA R	OR	ODFW	2001	2005	48	-124
05P7924	631676	2	ISSAQUAH CR 08.0178		H	MPS	LAKW	ISSAQUAH CR 08.0178	WA	WDFW	2002	2005	48	-124
05P7926	631443	1	CLEAR CR 11.0013C	3	H	SPS	NISQ	CLEAR CR 11.0013C	WA	NISQ	2002	2005	48	-124
05P7927	632283	1	GROVERS CR 15.0299	3	H	MPS	EKPN	GROVERS CR HATCHERY	WA	SUQ	2003	2005	48	-124
05P7929	631488	2	VOIGHT CR 10.0414		H	MPS	PUYA	VOIGHT CR 10.0414	WA	WDFW	2002	2005	48	-124
05P7930	632093	2	SKAGIT R 03.0176		H	SKAG	SKAG	CASCADE R 03.1411	WA	WDFW	2002	2005	48	-124
05P7933	632283	1	GROVERS CR 15.0299	3	H	MPS	EKPN	GROVERS CR HATCHERY	WA	SUQ	2003	2005	48	-124
05P7934	631898	1	COWLITZ R 26.0002	1	H	LOCR	COWL	COWLITZ R 26.0002	WA	WDFW	2002	2005	48	-124
05P7935	632167	1	SNAKE R-LOWR 33.0002	8	H	SNAK	SNAKG	SNK BLW GRANDE RHOND	ID	WDFW	2002	2005	48	-124
05P7936	632167	1	SNAKE R-LOWR 33.0002	8	H	SNAK	SNAKG	SNK BLW GRANDE RHOND	ID	WDFW	2002	2005	48	-124
05P7938	184923	1	S-HARRISON R	3	H	FRTH	LWFR	R-CHEHALIS R	BC	CDFO	2003	2005	48	-124

Table 3.

recovery_id	tag_code	species	stock_location_name	run	rearing_type	¹ release_location_psc_region	² release_location_psc_basin	release_location_name	release_location_state	³ release_agency	brood_year	run_year	latitude (degrees)	longitude (degrees)
05P7939	051665	1	SPRING CR 29.0159	3	H	CECR	WIND	SPRING CR 29.0159	WA	FWS	2003	2005	48	-124
05P7940	185535	1	S-CHILLIWACK R	3	H	FRTH	LWFR	R-CHILLIWACK R	BC	CDFO	2002	2005	48	-124
05P7941	631898	1	COWLITZ R 26.0002	1	H	LOCR	COWL	COWLITZ R 26.0002	WA	WDFW	2002	2005	48	-124
05P7942	631369	1	METHOW & OKANOGAN	2	H	UPCR	MEOK	METHOW R 48.0002	WA	WDFW	2001	2005	48	-124
05P7943	210479	1	GROVERS CR 15.0299	3	H	MPS	EKPN	GROVERS CR HATCHERY	WA	SUQ	2002	2005	48	-125
05P7944	632375	1	GEORGE ADAMS (PURDY)	3	H	HOOD	SKDO	PURDY CR 16.0005	WA	WDFW	2003	2005	48	-124
05P7946	631776	1	GROVERS CR 15.0299	3	H	MPS	EKPN	GROVERS CR HATCHERY	WA	SUQ	2002	2005	48	-124
05P7947	631864	1	BIG SOOS CR 09.0072	3	H	MPS	DUWA	GREEN R 09.0001	WA	WDFW	2002	2005	48	-124
05P7948	065309	1	TRINITY RIVER	3	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	2002	2005	44	-124
05P7949	631548	1	NA		H			NA		WDFW	2001	2005	44	-124
05P8008	065309	1	TRINITY RIVER	3	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	2002	2005	43	-124
05P8050	065307	1	TRINITY RIVER	3	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	2002	2005	43	-124
05P8117	093820	1	ROGUE R LWR	3	H	SOOR	ROGU	ROGUE R 1	OR	ODFW	2002	2005	42	-124
05P8146	065132	1	EEL RIVER	3	H	CECA	MAEL	VAN ARSDALE	CA	CDFG	2001	2005	42	-124
05P8169	065307	1	TRINITY RIVER	3	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	2002	2005	42	-124
05P8205	066360	1	KLAMATH RIVER	3	H	KLAM	KLAM	R-RANCH, KLAMATH RIV	CA	CDFG	2002	2005	43	-124
05P8508	062786	1	FEATHER RIVER	1	H	SACR	SFBA	BENICIA	CA	CDWR	2002	2005	43	-124
05P8513	093818	1	COLE RIVERS HATCHERY	3	H	LOCR	YOCL	KLASKANINE R N FK	OR	ODFW	2002	2005	43	-124
05P8514	065295	1	TRINITY RIVER	1	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	2002	2005	43	-124
05P8516	065295	1	TRINITY RIVER	1	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	2002	2005	43	-124
05P8517	062757	1	FEATHER RIVER	1	H	SACR	SFBA	BENICIA	CA	CDWR	2002	2005	43	-124
05P8518	062767	1	FEATHER RIVER	3	H	SACR	FEA	LIVE OAK	CA	CDWR	2002	2005	43	-124
05P8519	065295	1	TRINITY RIVER	1	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	2002	2005	43	-124
05P8521	065289	1	TRINITY RIVER	3	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	2001	2005	43	-124
05P8523	062773	1	FEATHER RIVER	3	H	SACR	SFBA	CROCKETT	CA	CDWR	2002	2005	43	-124
05P8524	065309	1	TRINITY RIVER	3	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	2002	2005	43	-124

Table 3.

recovery_id	tag_code	species	stock_location_name	run	rearing_type	¹ release_location_psc_region	² release_location_psc_basin	release_location_name	release_location_state	³ release_agency	brood_year	run_year	latitude (degrees)	longitude (degrees)
05P8526	066356	1	KLAMATH RIVER	3	H	KLAM	KLAM	IRON GATE HATCHERY	CA	CDFG	2001	2005	43	-124
05P8527	065309	1	TRINITY RIVER	3	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	2002	2005	43	-124
05P8532	051770	1	COLEMAN NFH	7	H	SACR	SACR	COLEMAN NFH	CA	FWS	2003	2005	43	-124
05P8534	065289	1	TRINITY RIVER	3	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	2001	2005	43	-124
05P8538	065308	1	TRINITY RIVER	1	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	2002	2005	43	-124
05P8539	062787	1	FEATHER RIVER	1	H	SACR	SFBA	BENICIA	CA	CDWR	2002	2005	43	-124
05P8540	065297	1	TRINITY RIVER	1	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	2002	2005	43	-124
05P8543	065309	1	TRINITY RIVER	3	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	2002	2005	43	-124
05P8549	065289	1	TRINITY RIVER	3	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	2001	2005	43	-124
05P8554	093509	1	COLE RIVERS HATCHERY	3	H	LOCR	YOCL	YOUNGS R & BAY	OR	ODFW	2001	2005	43	-124
05P8585	062776	1	FEATHER RIVER	3	H	SACR	SFBA	CROCKETT	CA	CDWR	2002	2005	43	-124
05P8587	051783	1	COLEMAN NFH	7	H	SACR	SJOA	SHERMAN ISL OP JERSY	CA	FWS	2003	2005	43	-124
05P8589	065309	1	TRINITY RIVER	3	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	2002	2005	43	-124
05P8600	065309	1	TRINITY RIVER	3	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	2002	2005	43	-124
05P8622	065309	1	TRINITY RIVER	3	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	2002	2005	43	-124
05P8627	093819	1	COLE RIVERS HATCHERY	3	H	LOCR	YOCL	YOUNGS R & BAY	OR	ODFW	2002	2005	43	-124
05P8700	631585	1	SNAKE R-LOWR 33.0002	8	H	SNAK	SNAKG	SNK BLW GRANDE RHOND	ID	WDFW	2001	2005	48	-124
05P8701	185533	1	S-CHILLIWACK R	3	H	FRTH	LWFR	R-CHILLIWACK R	BC	CDFO	2002	2005	48	-124
05P8705	631798	1	FINCH CR 16.0222	3	H	HOOD	SKDO	FINCH CR 16.0222	WA	WDFW	2002	2005	48	-124
05P8708	185162	1	S-CHILLIWACK R	3	H	FRTH	LWFR	R-CHILLIWACK R	BC	CDFO	2003	2005	48	-124
05P8716	631784	1	BIG SOOS CR 09.0072	3	H	MPS	DUWA	BIG SOOS CR 09.0072	WA	WDFW	2002	2005	48	-124
05P8717	093812	1	ELK R (ELK R HT)	3	H	SOOR	SIXE	ELK R	OR	ODFW	2002	2005	48	-124
05P8741	051576	1	SPRING CR 29.0159	3	H	CECR	WIND	SPRING CR 29.0159	WA	FWS	2003	2005	48	-124
05P8809	185535	1	S-CHILLIWACK R	3	H	FRTH	LWFR	R-CHILLIWACK R	BC	CDFO	2002	2005	48	-128
05P8815	631980	1	WENATCHEE R 45.0030	2	M	UPCR	WECH	WENATCHEE R 45.0030	WA	WDFW	2002	2005	48	-125
05P8820	631780	1	VOIGHT CR 10.0414	3	H	MPS	PUYA	VOIGHT CR 10.0414	WA	WDFW	2002	2005	48	-125

Table 3.

recovery_id	tag_code	species	stock_location_name	run	rearing_type	¹ release_location_psc_region	² release_location_psc_basin	release_location_name	release_location_state	³ release_agency	brood_year	run_year	latitude (degrees)	longitude (degrees)
05P8825	210547	1	CLEAR CR 11.0013C	3	H	SPS	NISQ	CLEAR CR 11.0013C	WA	NISQ	2003	2005	48	-125
05P8827	631799	1	SKYKOMISH R 07.0012	2	H	STIL	SNOH	WALLACE R 07.0940	WA	WDFW	2002	2005	48	-125
05P8838	093812	1	ELK R (ELK R HT)	3	H	SOOR	SIXE	ELK R	OR	ODFW	2002	2005	48	-124
05P8842	632284	1	MINTER CR 15.0048	3	H	SPS	EKPS	MINTER CR 15.0048	WA	WDFW	2003	2005	48	-124
05P8843	050579	1	SPRING CR 29.0159	3	H	CECR	WIND	SPRING CR 29.0159	WA	FWS	2001	2005	48	-124
05P8845	631867	1	DESCHUTES R 13.0028	3	H	SPS	CHAM	CHAMBERS CR 12.0007	WA	WDFW	2002	2005	48	-125
05P8846	631887	1	GLENWOOD SPRINGS	3	H	NOOK	SJUA	EAST SOUND BAY (SAN)	WA	WDFW	2002	2005	48	-125
05P8866	093802	1	COLE RIVERS HATCHERY	1	H	SOOR	ROGU	ROGUE R 4	OR	ODFW	2002	2005	42	-124
05P8908	066359	1	KLAMATH RIVER	3	H	KLAM	KLAM	IRON GATE HATCHERY	CA	CDFG	2002	2005	43	-124
05P8946	065309	1	TRINITY RIVER	3	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	2002	2005	43	-124
05P8948	066356	1	KLAMATH RIVER	3	H	KLAM	KLAM	IRON GATE HATCHERY	CA	CDFG	2001	2005	43	-124
05P8957	065309	1	TRINITY RIVER	3	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	2002	2005	42	-124
05P8970	066358	1	KLAMATH RIVER	3	H	KLAM	KLAM	IRON GATE HATCHERY	CA	CDFG	2002	2005	42	-124
235	093261	1	COLE RIVERS HATCHERY	3	H	LOCR	YOCL	YOUNGS R & BAY	OR	ODFW	2000	2003	42	-124

¹Region: CECA=Coastal California, Central, CECR=Central Columbia R. (Bonneville Dam to McNary Dam), FRTH=Fraser R.-Thompson R., GST=Georgia Strait, HOOD=Hood Canal, JUAN=Strait of Juan de Fuca, KLAM=Klamath R.-Trinity R., LOCR=Lower Columbia R. (mouth to Bonneville Dam), MPS=Puget Sound Mid, NOOK=Nooksack R., NOOR=North Coastal Oregon, NWC=North Washington Coast, SACR=Sacramento R., SJOA=San Joaquin R., SKAG=Skagit R., SNAK=Snake R. (ID), SOOR=South Coastal Oregon, SPS=Puget Sound South, STIL=Stillaguamish R.-Snohomish R., UPCR=Upper Columbia R. (above McNary Dam; excluding Snake R.), WCVI=Western Vancouver Island, WILP=Willapa R.

²Basin (if different than region): CECAG=Coastal California Central, general, CHAM=Chambers Creek, CHET=Chetco R.-Winchuck R. - Pistol R., CLEA=Clearwater R./ID, COOS=Coos R., COQU=Coquille R., COWL=Cowlitz R./WA, DES=Deschutes R., DUWA=Duwamish R.-Green R., EKPN=East Kitsap North of Narrows, EKPS=East Kitsap South of Narrows, ELDU=Elwha R.-Dungeness R., FEA=Feather R., GREL=Grays R.-Elokomin R./WA, GSMN=Georgia Strait - Mainland North, GSVI=Georgia Strait-Vancouver Island, KENN=Kennedy Cr-Goldsborough Cr, LAKW=Lake Washington, LEWI=Lewis R./WA, LOSN=Lower Snake R., below Perry/WA, LWFR=Lower Fraser R. (below Hope + tributaries), MAEL=Mad R.-Eel R., MEOK=Methow R.-Okanogan R./WA, MERC=Merced R., MOKE=Mokelumne R., NISQ=Nisqually R., PUYA=Puyallup R., QEUQ=Queets R.-Quinalt R., QUHO=Quillayute R.-Hoh R., ROGU=Rogue R., SALM=Salmon R./ID, SAM=Samish R., SAND=Sandy R./OR,

SAWA=Salmon R.-Washougal R./WA, SFBA=San Francisco-San Pablo-Grizzly-Susin Bays, SIXE=Sixes R.-Elk R.-Floras Cr., SIYA=Siletz R.-Yaquina R., SJUA=San Juan Islands, SKDO=Skokomish R.-Dosewallips R.-Great Bend, SNAKG=Snake R., general, SNOH=Snohomish R., SWVI=SW Vancouver Island, TOMM=Thompson R. Mainstem, TPDB=Tala Point to Dabob Bay, TRIN=Trinity R., UMAT=Umatilla R./OR, UMPQ=Umpqua R., WACO=Wanapum R.-Coulee Res./WA, WECH=Wenatchee R.-Entiat R.-Lk. Chelan/WA, WIND=Wind R.-White Salmon R./WA, WTN=Wilson R.-Trask R.-Nestucca R, YOCL=Youngs Bay-Clatskanie R./OR.

³Agency: CDFG=California Department of Fish & Game, CDFO=Canadian Department of Fisheries and Oceans, CDWR=California Department of Water Resources, CEDC=Clatsop Economic Development Council (OR), COOP=Washington Department of Fisheries-Cooperative, CTWS=Confederated Tribes of Warm Springs of Oregon (OR), EBMD=East Bay Municipal Utilities District, CA, FWS=U.S. Fish and Wildlife Service, IDFG=Idaho Department of Fish & Game, LUMM=Lummi Tribe (WA), MTSG=Mattole Salmon Group (CA), MUCK=Muckleshoot Tribe (WA), NEZP=Nez Perce Tribe (ID), NISQ=Nisqually Tribe (ID), ODFW=Oregon Department of Fish & Wildlife, PUYA=Puyallup Tribe (WA), SKOK=Skokomish Tribe (WA), SUQ=Suquamish Tribe (WA), TULA=Tulalip Tribe (WA), TYEE=Tyee Foundation (CA), UW=College of Fisheries, University of Washington, WDFW=Washington Department of Fish & Wildlife.

Table 4. Release and recovery information for CWT salmon (*Oncorhynchus spp.*) captured as bycatch in the limited-entry non-hake groundfish trawl fishery off Washington/Oregon/California (WA/OR/CA) in 2002-2005. Species: 1 = Chinook salmon, 2 = coho salmon; run: 1 = Spring, 2 = Summer, 3 = Fall, 7 = Late Fall N Coho; rearing type: H = hatchery, M = mixed hatchery and wild, W = Wild; release state: AK = Alaska, BC = British Columbia, WA = Washington, OR = Oregon, ID = Idaho, CA = California.

recovery_id	tag_code	species	stock_location_name	run	rearing_type	release_location_psc_region	release_location_psc_basin	release_location_name	release_location_state	release_agency	brood_year	run_year	latitude (degrees)	longitude (degrees)
100300119	090124	1	SANTIAM R N FK	1	H	LOCR	YOCL	BLIND SL (LWR COL R)	OR	ODFW	2000	2004	47	-124
100301074	062785	1	FEATHER RIVER	1	H	SACR	SFBA	BENICIA	CA	CDWR	2002	2005	37	-122
100301361	051764	1	COLEMAN NFH	7	H	SACR	SACR	COLEMAN NFH	CA	FWS	2003	2005	37	-122
100301453	062791	1	FEATHER RIVER	1	H	SACR	FEA	LIVE OAK	CA	CDWR	2002	2004	37	-122
100302304	631468	1	COWLITZ R 26.0002	1	H	LOCR	COWL	COWLITZ R 26.0002	WA	WDFW	2001	2004	48	-124
100302322	630989	1	COWLITZ R 26.0002	1	H	LOCR	COWL	COWLITZ R 26.0002	WA	WDFW	2000	2004	48	-124
100302323	062696	1	FEATHER RIVER	3	H	SACR	SFBA	PORT CHICAGO	CA	FWS	2001	2004	48	-124
100306209	051166	1	COLEMAN NFH	7	H	SACR	SFBA	PORT CHICAGO	CA	FWS	2002	2004	37	-122
100306215	062667	1	AMERICAN RIVER	3	H	SACR	SFBA	WICKLAND OIL NET PEN	CA	CDFG	2001	2004	37	-122
100306414	066355	1	KLAMATH RIVER	3	H	KLAM	KLAM	IRON GATE HATCHERY	CA	CDFG	2001	2004	42	-124
100306426	065279	1	TRINITY RIVER	1	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	2000	2004	42	-124
100306992	062090	1	FEATHER RIVER	3	H	SACR	SFBA	WICKLAND OIL NET PEN	CA	CDFG	2001	2003	48	-124
100306994	050779	1	SPRING CR 29.0159	3	H	CECR	WIND	SPRING CR 29.0159	WA	FWS	2001	2003	48	-124
100306998	065460	1	AMERICAN RIVER	3	H	SACR	SFBA	WICKLAND OIL NET PEN	CA	CDFG	2000	2003	48	-124
100307000	093452	1	BIG CR HATCHERY	3	H	LOCR	YOCL	BIG CR (LWR COL R)	OR	ODFW	2001	2003	48	-124
100307115	062667	1	AMERICAN RIVER	3	H	SACR	SFBA	WICKLAND OIL NET PEN	CA	CDFG	2001	2004	42	-124
100309672	066358	1	KLAMATH RIVER	3	H	KLAM	KLAM	IRON GATE HATCHERY	CA	CDFG	2002	2005	42	-124
100312001	065280	1	TRINITY RIVER	3	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	2000	2003	42	-124
100312002	065259	1	TRINITY RIVER	3	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	1999	2002	41	-124
100312003	065276	1	TRINITY RIVER	3	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	2000	2003	42	-124
100312004	065267	1	TRINITY RIVER	3	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	2000	2003	42	-124
100312009	065259	1	TRINITY RIVER	3	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	1999	2003	42	-124
100312010	065280	1	TRINITY RIVER	3	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	2000	2003	42	-124

Table 4.

recovery_id	tag_code	species	stock_location_name	run	rearing_type	release_location_psc_region	release_location_psc_basin	release_location_name	release_location_state	release_agency	brood_year	run_year	latitude (degrees)	longitude (degrees)
100312133	065255	1	TRINITY RIVER	3	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	1999	2003	42	-124
100312142	065279	1	TRINITY RIVER	1	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	2000	2003	42	-124
100312147	630477	1	LYONS FERRY HATCHERY	8	H	SNAK	CLEA	CLWTR@BIG CANYON CRK	ID	NEZP	1999	2003	46	-124
100312148	065259	1	TRINITY RIVER	3	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	1999	2003	46	-124
100312151	093005	1	BIG CR HATCHERY	3	H	LOCR	YOCL	BIG CR (LWR COL R)	OR	ODFW	1999	2003	43	-124
100312155	093263	1	COLE RIVERS HATCHERY	1	H	SOOR	ROGU	ROGUE R 4	OR	ODFW	2000	2003	43	-124
100312158	050771	1	COLEMAN NFH	7	H	SACR	SACR	BATTLE CREEK	CA	FWS	2001	2003	43	-124
100312161	050776	1	COLEMAN NFH	7	H	SJOA	MOKE	GEORGIANNA SLOUGH	CA	FWS	2001	2003	43	-124
100312162	062664	1	FEATHER RIVER	3	H	SACR	SFBA	WICKLAND OIL NET PEN	CA	CDFG	2000	2003	43	-124
100312163	062665	1	FEATHER RIVER	3	H	SACR	SFBA	WICKLAND OIL NET PEN	CA	CDFG	2000	2003	43	-124
100312164	060257	1	MOKELUMNE RIVER	3	H	SJOA	MOKE	NEW HOPE LANDING	CA	EBMD	1999	2003	43	-124
100312166	065460	1	AMERICAN RIVER	3	H	SACR	SFBA	WICKLAND OIL NET PEN	CA	CDFG	2000	2003	43	-124
100312167	062090	1	FEATHER RIVER	3	H	SACR	SFBA	WICKLAND OIL NET PEN	CA	CDFG	2001	2003	43	-124
100312168	065279	1	TRINITY RIVER	1	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	2000	2003	43	-124
100312169	066354	1	KLAMATH RIVER	3	H	KLAM	KLAM	IRON GATE HATCHERY	CA	CDFG	2000	2003	43	-124
100312170	065280	1	TRINITY RIVER	3	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	2000	2003	43	-124
100312172	062941	1	FEATHER RIVER	3	H	CECA	SFBA	TIBURON NET PENS	CA	TYEE	2000	2003	43	-124
100312173	0501030601	1	COLEMAN NFH	3	H	SACR	SACR	BATTLE CREEK	CA	FWS	2000	2003	43	-124
100312174	065460	1	AMERICAN RIVER	3	H	SACR	SFBA	WICKLAND OIL NET PEN	CA	CDFG	2000	2003	43	-124
100312175	065280	1	TRINITY RIVER	3	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	2000	2003	43	-124
100312177	062671	1	FEATHER RIVER	3	H	SACR	SFBA	WICKLAND OIL NET PEN	CA	CDWR	2000	2003	43	-124
100312178	093049	1	COLE RIVERS HATCHERY	3	H	LOCR	YOCL	KLASKANINE R N FK	OR	ODFW	1999	2003	43	-124
100312179	050773	1	COLEMAN NFH	7	H	SACR	SACR	BATTLE CREEK	CA	FWS	2001	2003	42	-124
100312182	062665	1	FEATHER RIVER	3	H	SACR	SFBA	WICKLAND OIL NET PEN	CA	CDFG	2000	2003	42	-124
100312183	065279	1	TRINITY RIVER	1	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	2000	2003	42	-124
100312184	062735	1	FEATHER RIVER	3	H	SACR	SFBA	WICKLAND OIL NET PEN	CA	CDWR	2001	2003	43	-124
100312185	093517	1	COLE RIVERS HATCHERY	3	H	SOOR	ROGU	ROGUE R 4	OR	ODFW	2001	2003	43	-124

Table 4.

recovery_id	tag_code	species	stock_location_name	run	rearing_type	release_location_psc_region	release_location_psc_basin	release_location_name	release_location_state	release_agency	brood_year	run_year	latitude (degrees)	longitude (degrees)
100312188	050768	1	COLEMAN NFH	7	H	SACR	SFBA	PORT CHICAGO	CA	FWS	2001	2003	43	-124
100312189	050773	1	COLEMAN NFH	7	H	SACR	SACR	BATTLE CREEK	CA	FWS	2001	2003	43	-124
100312190	065458	1	AMERICAN RIVER	3	H	SACR	SFBA	WICKLAND OIL NET PEN	CA	CDFG	2000	2003	43	-124
100312191	065460	1	AMERICAN RIVER	3	H	SACR	SFBA	WICKLAND OIL NET PEN	CA	CDFG	2000	2003	43	-124
100312193	065260	1	TRINITY RIVER	1	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	2000	2003	43	-124
100312196	065459	1	AMERICAN RIVER	3	H	SACR	SFBA	WICKLAND OIL NET PEN	CA	CDFG	2000	2003	43	-124
100312197	065456	1	AMERICAN RIVER	3	H	SACR	SFBA	WICKLAND OIL NET PEN	CA	CDFG	2000	2003	43	-124
100312198	062664	1	FEATHER RIVER	3	H	SACR	SFBA	WICKLAND OIL NET PEN	CA	CDFG	2000	2003	44	-124
100312199	065458	1	AMERICAN RIVER	3	H	SACR	SFBA	WICKLAND OIL NET PEN	CA	CDFG	2000	2003	44	-124
100312200	062707	1	MOKELUMNE RIVER	3	H	SACR	SFBA	BENICIA	CA	CDFG	2000	2003	44	-124
100312201	062735	1	FEATHER RIVER	3	H	SACR	SFBA	WICKLAND OIL NET PEN	CA	CDWR	2001	2003	43	-124
100312202	062664	1	FEATHER RIVER	3	H	SACR	SFBA	WICKLAND OIL NET PEN	CA	CDFG	2000	2003	43	-124
100312203	062090	1	FEATHER RIVER	3	H	SACR	SFBA	WICKLAND OIL NET PEN	CA	CDFG	2001	2003	42	-124
100312204	065279	1	TRINITY RIVER	1	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	2000	2003	42	-124
100312205	066353	1	KLAMATH RIVER	3	H	KLAM	KLAM	IRON GATE HATCHERY	CA	CDFG	2000	2003	42	-124
100312207	050874	1	COLEMAN NFH	3	H	SACR	SACR	COLEMAN NFH	CA	FWS	2001	2003	44	-124
100312208	050876	1	COLEMAN NFH	3	H	SACR	SACR	COLEMAN NFH	CA	FWS	2001	2003	44	-124
100312209	064453	1	MOKELUMNE RIVER	3	H	SJOA	SJOA	JERSEY PT,SAN JOAQ.R	CA	EBMD	2001	2003	44	-124
100312210	065530	1	EEL RIVER	3	H	CECA	MAEL	VAN ARSDALE	CA	CDFG	2000	2003	44	-124
100312211	062091	1	FEATHER RIVER	3	H	SACR	SFBA	WICKLAND OIL NET PEN	CA	CDFG	2001	2003	45	-124
100312212	050774	1	COLEMAN NFH	7	H	SACR	SACR	BATTLE CREEK	CA	FWS	2001	2003	44	-124
100312213	630990	1	COWLITZ R 26.0002	1	H	LOCR	COWL	COWLITZ R 26.0002	WA	WDFW	2000	2003	44	-124
100312214	065460	1	AMERICAN RIVER	3	H	SACR	SFBA	WICKLAND OIL NET PEN	CA	CDFG	2000	2003	44	-124
100312215	0501021502	1	COLEMAN NFH	3	H	SACR	SACR	COLEMAN NFH	CA	FWS	1999	2003	44	-124
100312216	065458	1	AMERICAN RIVER	3	H	SACR	SFBA	WICKLAND OIL NET PEN	CA	CDFG	2000	2003	44	-124
100312217	050771	1	COLEMAN NFH	7	H	SACR	SACR	BATTLE CREEK	CA	FWS	2001	2003	44	-124
100312218	062715	1	MOKELUMNE RIVER	3	H	SACR	SACR	WEST SACRAMENTO	CA	CDFG	2000	2003	44	-124

Table 4.

recovery_id	tag_code	species	stock_location_name	run	rearing_type	release_location_psc_region	release_location_psc_basin	release_location_name	release_location_state	release_agency	brood_year	run_year	latitude (degrees)	longitude (degrees)
100312219	093313	1	COLE RIVERS HATCHERY	3	H	LOCR	YOCL	KLASKANINE R N FK	OR	ODFW	2000	2003	44	-124
100312220	065455	1	AMERICAN RIVER	3	H	SACR	SFBA	WICKLAND OIL NET PEN	CA	CDFG	2000	2003	44	-124
100312221	062091	1	FEATHER RIVER	3	H	SACR	SFBA	WICKLAND OIL NET PEN	CA	CDFG	2001	2003	44	-124
100312222	050771	1	COLEMAN NFH	7	H	SACR	SACR	BATTLE CREEK	CA	FWS	2001	2003	44	-124
100312223	062664	1	FEATHER RIVER	3	H	SACR	SFBA	WICKLAND OIL NET PEN	CA	CDFG	2000	2003	43	-124
100312224	093301	1	COLE RIVERS HATCHERY	1	H	SOOR	ROGU	ROGUE R 4	OR	ODFW	2000	2003	42	-124
100312225	062664	1	FEATHER RIVER	3	H	SACR	SFBA	WICKLAND OIL NET PEN	CA	CDFG	2000	2003	42	-124
100312226	062717	1	MOKELUMNE RIVER	3	H	SACR	SACR	WEST SACRAMENTO	CA	CDFG	2000	2003	44	-124
100312227	630869	1	COWLITZ R 26.0002	1	H	LOCR	COWL	COWLITZ R 26.0002	WA	WDFW	2000	2003	45	-124
100312229	0501021508	1	COLEMAN NFH	3	H	SACR	SACR	COLEMAN NFH	CA	FWS	1999	2002	47	-124
100312231	065278	1	TRINITY RIVER	3	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	2000	2002	42	-124
100312232	065279	1	TRINITY RIVER	1	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	2000	2002	42	-124
100312233	630793	1	COWLITZ R 26.0002	1	H	LOCR	COWL	COWLITZ R 26.0002	WA	WDFW	2000	2002	47	-124
100312234	630868	1	COWLITZ R 26.0002	1	H	LOCR	COWL	COWLITZ R 26.0002	WA	WDFW	2000	2002	47	-124
100312240	0601020311	1	KLAMATH RIVER	3	H	KLAM	KLAM	IRON GATE HATCHERY	CA	CDFG	1999	2002	43	-124
100312241	093045	1	COLE RIVERS HATCHERY	1	H	SOOR	ROGU	ROGUE R 4	OR	ODFW	1999	2002	43	-124
100312242	066352	1	KLAMATH RIVER	3	H	KLAM	KLAM	IRON GATE HATCHERY	CA	CDFG	1999	2002	43	-124
100312245	065259	1	TRINITY RIVER	3	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	1999	2002	43	-124
100312247	093046	1	COLE RIVERS HATCHERY	1	H	SOOR	ROGU	ROGUE R 4	OR	ODFW	1999	2002	43	-124
100312250	093046	1	COLE RIVERS HATCHERY	1	H	SOOR	ROGU	ROGUE R 4	OR	ODFW	1999	2002	43	-124
100312252	631040	1	ELOCHOMAN + TOUTLE R	3	H	LOCR	COWL	GREEN R 26.0323	WA	WDFW	1999	2002	47	-124
100312253	065259	1	TRINITY RIVER	3	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	1999	2002	46	-124
100312254	065259	1	TRINITY RIVER	3	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	1999	2002	46	-124
100312255	065259	1	TRINITY RIVER	3	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	1999	2002	46	-124
100312256	065254	1	TRINITY RIVER	3	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	1999	2002	46	-124
100312258	065257	1	TRINITY RIVER	3	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	1999	2002	43	-124
100312259	065258	1	TRINITY RIVER	1	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	1999	2002	43	-124

Table 4.

recovery_id	tag_code	species	stock_location_name	run	rearing_type	release_location_psc_region	release_location_psc_basin	release_location_name	release_location_state	release_agency	brood_year	run_year	latitude (degrees)	longitude (degrees)
100312260	093045	1	COLE RIVERS HATCHERY	1	H	SOOR	ROGU	ROGUE R 4	OR	ODFW	1999	2002	43	-124
100312261	065258	1	TRINITY RIVER	1	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	1999	2002	43	-124
100312263	065258	1	TRINITY RIVER	1	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	1999	2002	43	-124
100312264	093049	1	COLE RIVERS HATCHERY	3	H	LOCR	YOCL	KLASKANINE R N FK	OR	ODFW	1999	2002	43	-124
100312265	066352	1	KLAMATH RIVER	3	H	KLAM	KLAM	IRON GATE HATCHERY	CA	CDFG	1999	2002	43	-124
100312266	065259	1	TRINITY RIVER	3	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	1999	2002	43	-124
100312267	066352	1	KLAMATH RIVER	3	H	KLAM	KLAM	IRON GATE HATCHERY	CA	CDFG	1999	2002	43	-124
100312268	065259	1	TRINITY RIVER	3	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	1999	2002	43	-124
100312270	066351	1	KLAMATH RIVER	3	H	KLAM	KLAM	IRON GATE HATCHERY	CA	CDFG	1999	2002	43	-124
100312271	0601020310	1	KLAMATH RIVER	3	H	KLAM	KLAM	IRON GATE HATCHERY	CA	CDFG	1999	2002	43	-124
100312272	065259	1	TRINITY RIVER	3	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	1999	2002	43	-124
100312273	065258	1	TRINITY RIVER	1	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	1999	2002	43	-124
100312276	065259	1	TRINITY RIVER	3	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	1999	2002	43	-124
100312278	093052	1	ELK R (ELK R HT)	3	H	SOOR	SIXE	ELK R	OR	ODFW	1999	2002	43	-124
100312280	065258	1	TRINITY RIVER	1	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	1999	2002	43	-124
100312281	065259	1	TRINITY RIVER	3	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	1999	2002	43	-124
100312282	065259	1	TRINITY RIVER	3	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	1999	2002	43	-124
100312283	065259	1	TRINITY RIVER	3	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	1999	2002	43	-124
100312284	092710	1	ROGUE R LWR	3	H	SOOR	ROGU	ROGUE R 1	OR	ODFW	1999	2002	43	-124
100312287	065259	1	TRINITY RIVER	3	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	1999	2002	43	-124
100312289	093042	1	COLE RIVERS	3	H	LOCR	YOCL	YOUNGS R & BAY	OR	ODFW	1999	2002	43	-124
100312290	092710	1	ROGUE R LWR	3	H	SOOR	ROGU	ROGUE R 1	OR	ODFW	1999	2002	43	-124
100312291	065258	1	TRINITY RIVER	1	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	1999	2002	43	-124
100312293	065258	1	TRINITY RIVER	1	H	KLAM	TRIN	TRINITY R HATCHERY	CA	HVT	1999	2002	43	-124
100312294	064556	1	SAN JOAQ.R, AB BROAD	3	H	SJOA	TUST	LA GRANGE	CA	CDFG	1999	2002	43	-124
100312299	184124	1	S-CHILLIWACK R	3	H	FRTH	LWFR	R-CHILLIWACK R	BC	CDFO	1999	2002	45	-124
100312302	184130	1	S-CHILLIWACK R	3	H	FRTH	LWFR	R-CHILLIWACK R	BC	CDFO	1999	2002	46	-124

Table 4.

recovery_id	tag_code	species	stock_location_name	run	rearing_type	release_location_psc_region	release_location_psc_basin	release_location_name	release_location_state	release_agency	brood_year	run_year	latitude (degrees)	longitude (degrees)
100312309	631212	1	LYONS FERRY HATCHERY	3	H	SNAK	SNAKG	SNAKE R @PITTSBURG L	WA	WDFW	1998	2002	46	-124
100312311	630169	1	LYONS FERRY HATCHERY	8	H	SNAK	SNAKG	CAPTAIN JOHNS PD	WA	NEZP	1999	2002	46	-124
100312313	093052	1	ELK R (ELK R HT)	3	H	SOOR	SIXE	ELK R	OR	ODFW	1999	2002	47	-124

¹Region: CECA=Coastal California, Central, CECR=Central Columbia R (Bonneville Dam to McNary Dam), FRTH=Fraser R-Thompson R, KLAM=Klamath R – Trinity R, LOCR=Lower Columbia R (mouth to Bonneville Dam), SACR=Sacramento R, SJOA=San Joaquin R, SNAK=Snake R (ID), SOOR=South Coastal Oregon.

²Basin (if different than region): CLEA=Clearwater R / ID, COWL=Cowlitz R./WA, FEA=Feather R., LWFR=Lower Fraser R. (below Hope + tributaries), MAEL=Mad R.-Eel R., MOKE=Mokelumne R., ROGU=Rogue R., SFBA=San Francisco-San Pablo-Grizzly-Susin Bays, SIXE=Sixes R.-Elk R.-Floras Cr., SNAKG=Snake R., general, TRIN=Trinity R., TUST=Tuolumne R.-Stanislaus R., WIND=Wind R.-White Salmon R./WA, YOCL=Youngs Bay-Clatskanie R./OR.

³Agency: CDFG=California Department of Fish & Game, CDFO=Canadian Department of Fisheries and Oceans, CDWR=California Department of Water Resources, EBMD=East Bay Municipal Utilities District, CA, FWS=U.S. Fish and Wildlife Service, NEZP=Nez Perce Tribe (ID), ODFW=Oregon Department of Fish & Wildlife, TYEE=Tyee Foundation (CA), WDFW=Washington Department of Fish & Wildlife.

Table 5. Release and recovery information for CWT salmon (*Oncorhynchus spp.*) captured as bycatch in the limited-entry non-hake groundfish trawl fishery off Washington/Oregon/California (WA/OR/CA) in 2002-2005. Species: 3 = Steelhead; run: 2 = Summer, 4 = Winter; rearing type: H = hatchery; release state: AK = Alaska, WA = Washington, OR = Oregon, ID = Idaho.

recovery_id	tag_code	species	stock_location_name	run	rearing_type	release_location_psc_region	release_location_psc_basin	release_location_name	release_location_state	release_agency	brood_year	run_year	latitude (degrees)	latitude (minutes)	longitude (degrees)	longitude (minutes)
2005092001	105773	3	U SALMON B		H	SNAK	SALM	SQUAW CRK PONDS	ID	IDFG	2002	2005	42	0	-180	0
2005092003	093912	3	IMNAHA R AND TRIBS	2	H	SNAK	GRIA	LTL SHEEP CR (IMNAHA	OR	ODFW	2003	2005	42	0	-180	0
2006092001	030118	3	SASHIN CR		H	SEAK	SEAK	L PORT WALTER 109-10	AK	NMFS	2002	2006	47	0	-180	0
2006092002	632191	3	SOOES R 20.0015	4	H	NWC	QUHO	SOOES R 20.0015	WA	FWS	2003	2006	47	30	-180	0

¹Region: NWC=North Washington Coast, SEAK=Southeast Alaska, SNAK=Snake R.

²Basin (if different than region): GRIA=Grande Ronde R – Imnaha R – Asotin Cr / OR, WA, QUHO=Quillayute R – Hoh R, SALM=Salmon R/ ID.

³Agency: FWS=U.S. Fish and Wildlife Service, IDFG=Idaho Department of Fish & Game, KTHCNMFS=National Marine Fisheries Service (AK), ODFW=Oregon Department of Fish & Wildlife.

Appendix Fig 1. U.S. National Marine Fisheries Service (NMFS) statistical areas in the Bering Sea and Aleutian Islands (left panel) and Gulf of Alaska right panel).

