
Living Gene Bank

June 2002 update

Broodstock Collection

Stock	Smolt Captures					Origin of Smolts
	1998	1999	2000	2001	2002	
Little Qualicum	95	112	117	128	89 **	Wild smolts
Quinsam	200*	101	130	130	133	Wild smolts
Keogh	109	110	113	120	121	Wild smolts
Puntledge-WR	125	122	145	161	150	Hatchery smolts and eggs
Puntledge-SR	192*	43	31	147	181	Hatchery and wild smolts

* Surplus released in 1999

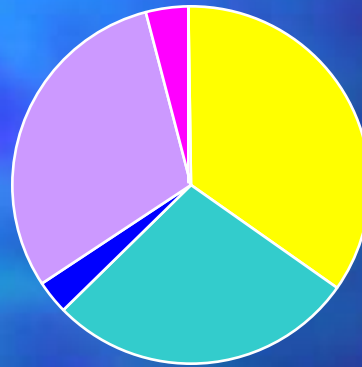
** 13 were LGB 2001 fry

Average Broodstock Maturation after 3 Spawning Seasons

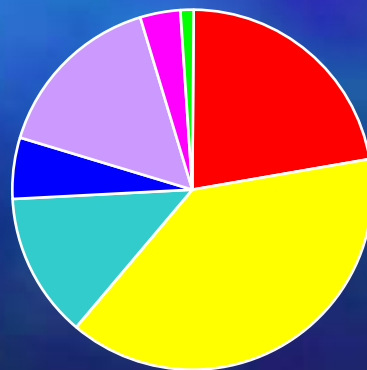
Keogh



Little Qualicum



Quinsam



Spawning Survivals

Stock	# Females Spawmed	Total Green Eggs	Total Eyed Eggs	% Survival to Eye	Fecundity	Total Poned	% Survival to Pond
Keogh '98	23	50,494	33,870	67%	2,195	31,397	62%
Keogh '98/99	41	94,290	65,896	70%	2,300	61,232	65%
Keogh '99/00	27	53,352	44,950	84%	1,976	42,587	80%
Little Qualicum '98	28	51,562	44,321	86%	1,842	42,996	83%
Little Qualicum '98/99	41	88,622	61,136	69%	2,177	54,063	61%
Little Qualicum '99/00	32	72,855	53,846	74%	2,277	50,094	69%
Quinsam '98	18	26,671	17,552	66%	1,482	16,146	61%
Quinsam '98/99	28	52,685	28,488	54%	1,882	22,161	42%
Quinsam '98/99/00	36	60,098	33,955	56%	1,669	30,440	51%
Puntledge-WR '98	41	100,791	65,186	65%	2,458	57,615	57%
Puntledge-WR '98/99	49	117,162	84,938	72%	2,391	73,862	63%
Puntledge-WR '99/00	61	77,895	59,991	72%	1,277	56,291	72%
Puntledge-SR '98	41	92,742	70,896	76%	2,262	65,259	70%
Puntledge-SR '98/99	50	198,907	139,693	70%	3,315	125,739	63%
Puntledge-SR '98/99/00	53	187,216	128,769	69%	3,532	107,583	57%
TOTAL	569	1,325,342	933,487	70%	2,202	837,465	63%

1. Survival to Pond is the % Poned from Green Eggs
2. Keogh Poned includes surplus fish

LGB Fish Production

	Spawning Year 2000		Spawning Year 2001	
	Total fry Released Spring 2000	Smolts Released Spring 2001	Fry Released Spring 2001	Smolts Released Spring 2002
Stock				
Keogh	0	21,958	0	32,519
Quinsam	725	12,188	5,409	14,557
Little Qualicum	14,996	23,350	14,240	31,180
Puntledge LGB Winters	0	51,316	14,796	35,000
Puntledge LGB Summers	0	38,899	55,964	21,577
Puntledge Wild Summers	18,676	6,000	17,152	20,000
TOTAL	34,397	153,711	107,561	154,833

Notes: Puntledge 2001 WR experienced heavy predation during rearing