

V. Appendices

Appendix A: Biennial Survey Results

Range and population expansion of the sea otter along the California coast, 1914 to 1999. Population estimates and amount of occupied range from 1914 to 1980 are from the original southern sea otter Recovery Plan. Population information from 1982 to 1999 is from spring surveys of the sea otter population in California, north of Point Conception.

Year	Range (km)	# Independent otters	# pups	Total
1914	11*			50
1938	43			310
1947	74			530
1950	89			660
1955	108			800
1957	125			880
1959	137			1,050
1963	152			1,190
1966	158			1,260
1969	177			1,390
1972	192			1,530
1973	244			1,720
1974	255			1,730
1975	263			?
1976	279			1,789
1977	293			?
1978	293			?
1979	299			1443**
1980	312			?
1982		1,124	222	1,346

Year	Range (km)	# Independent otters	# pups	Total
1983		1,156	121	1,277
1984		1,180	123	1,303
1985		1,119	242	1,361
1986		1,358	228	1,586
1987		1,435	226	1,661
1988		1,504	221	1,725
1989		1,571	285	1,856
1990		1,466	214	1,680
1991		1,700	241	1,941
1992		1,810	291	2,101
1993		2,022	217	2,239
1994		2,076	283	2,359
1995		2,095	282	2,377
1996		1,963	315	2,278
1997		1,919	310	2,229
1998		1,955	159	2,114
1999		1,858	232	2,090
2000		2,053	264	2,317
2001		1,863	298	2,161
2002		1,846	293	2,139

* No records available, estimates are rough approximations.

** Survey conducted under poor weather conditions.