

Common name	Scientific name	Conservation, demography, ecology and life-history data						Genetic data					Publication	Sampling locations (n)
		IUCN status	Abundance	Breeding habitat	Generation time (days)	SSD	Harem size	Individuals	Locl	Genotypes	populations	origin		
Weddell Seal (WS)	<i>Leptonychotes weddellii</i>	least concern	633,000	ice	4015	0.957	3.0	883	15	13,385	7	Antarctica	Davis et al. (2008)	Antarctica (7)
Leopard Seal (LS)	<i>Hydrurga leptonyx</i>	least concern	35,500	ice	5110	0.883	1.0	150	14	2,100	6	Antarctica and sub-Antarctic Islands	Davis et al. (2008)	Antarctica and sub-Antarctic Islands (6)
Crabeater Seal (CS)	<i>Lobodon carcinophagus</i>	least concern	4,000,000	ice	5475	0.984	1.0	303	7	2,121	3		Antarctica	Davis et al. (2008)
Rose Seal (RS)	<i>Ommatophoca rosae</i>	least concern	220,000	ice	4015	0.939	1.0	90	9	810	4	Antarctica	Davis et al. (2008)	Antarctica (4)
Southern Elephant Seal (SES)	<i>Mimonga leonina</i>	least concern	650,000	land	3408	6.978	48.0	200	13	3,380	1	Falkland Islands	This study	Falkland Islands (1)
Northern Elephant Seal (NES)	<i>Mimonga angustirostris</i>	least concern	220,000	land	3184	4.435	13.0	200	35	9,100	3	San Benito Archipelago, Mexico	This study	San Benito Archipelago, Mexico (3)
Hawaiian Monk Seal (HMS)	<i>Monachus schauinslandi</i>	endangered	1,200	land	5475	0.653	1.0	2386	18	42,648	8	Hawaii	Schultz et al. (2011)	Hawaii (8)
Mediterranean Monk Seal (MMS)	<i>Monachus monachus</i>	endangered	400	land	4015	0.864	1.0	109	16	1,744	1	Western Sahara	Pfoster et al. (2004)	Western Sahara (1)
Ladoga Ringed Seal (LRS)	<i>Phoca hispida ladogensis</i>	vulnerable	4,000	ice	6789	1.000	1.0	16	17	272	1	Lake Ladoga, Russia	Nyman et al. (2014)	Lake Ladoga, Russia (1)
Saimaa Ringed Seal (SRS)	<i>Phoca hispida saimensis</i>	endangered	280	ice	6789	1.000	1.0	172	17	2,934	1	Lake Saimaa, Finland	Nyman et al. (2014)	Lake Saimaa, Finland (1)
Baltic Ringed Seal (BRS)	<i>Phoca hispida botnica</i>	least concern	6,500	ice	6789	1.000	1.0	21	17	357	1	Baltic Sea	Nyman et al. (2014)	Baltic Sea (1)
Ringed Seal (RS)	<i>Phoca hispida</i>	least concern	2,500,000	ice	6804	1.078	1.0	303	10	3,030	8	Arctic, several locations	Davis et al. (2008)	Arctic, several locations (8)
Grey Seal (GS)	<i>Halichoerus grypus</i>	least concern	147,000	land	5110	1.503	5.0	1254	9	11,286	13	Orkney Archipelago, Scotland	Klimova et al. (2014)	Orkney Archipelago, Scotland (13)
Harbor Seal (HS)	<i>Phoca vitulina</i>	least concern	425,000	land	5414	1.312	1.0	250	15	3,885	1	Waddensee, Denmark	Rijke et al. (2017)	Waddensee, Denmark (1)
Hooded Seal (HoodS)	<i>Cystophorus cristatus</i>	vulnerable	602,000	ice	3650	1.542	1.0	300	13	3,900	4	Canada, Greenland Sea	Coltman et al. (2007)	Canada, Greenland Sea (4)
Bearded Seal (BS)	<i>Erignathus barbatus</i>	least concern	500,000	ice	6035	0.959	1.0	119	13	1,547	6	Arctic, several locations	Davis et al. (2008)	Arctic, several locations (6)
Galapagos Fur Seal (GFS)	<i>Arctocephalus galapagoensis</i>	endangered	7,000	land	3650	2.354	5.9	90	12	1,080	3	Fernandina and Isabella Islands, Galapagos	Lopez et al. (2015)	Fernandina and Isabella Islands, Galapagos (3)
South American Fur Seal (SAFS)	<i>Arctocephalus australis</i>	least concern	275,000	land	4270	3.278	6.0	226	7	1,582	2	Brazil, Peru	De Oliveira et al. (2008)	Brazil, Peru (2)
New Zealand Fur Seal (NZFS)	<i>Arctocephalus forsteri</i>	least concern	300,000	land	3285	2.989	6.2	54	12	648	1	Open Bay, New Zealand	Dixon et al. (2016)	Open Bay, New Zealand (1)
Subantarctic Fur Seal (SAntFS)	<i>Arctocephalus tropicale</i>	least concern	400,000	land	3013	3.062	6.5	88	37	3,256	1	Macquarie Island	This study	Macquarie Island (1)
Antarctic Fur Seal (AntFS)	<i>Arctocephalus gazella</i>	least concern	5,000,000	land	3342	4.058	10.3	246	21	5,196	9	Bird Island, South Georgia	Hoffman et al. (2011)	Bird Island, South Georgia (9)
Guadalupe Fur Seal (GuaFS)	<i>Arctocephalus leucoscuti</i>	least concern	20,000	land	3650	2.944	6.2	224	15	3,360	1	Guadalupe Island	This study	Guadalupe Island (1)
New Zealand Sea Lion (NZSL)	<i>Phocarctus hookeri</i>	endangered	9,880	land	3650	1.989	12.9	205	17	3,485	4	New Zealand	Osborne et al. (2016)	New Zealand (4)
South American Sea Lion (SASL)	<i>Otaria byronia</i> / <i>flavescens</i>	least concern	250,000	land	2555	2.083	6.0	250	22	5,940	23	Falkland Islands	Hoffman et al. (2016)	Falkland Islands (23)
Australian Fur Seal (AFS)	<i>Arctocephalus pusillus</i>	least concern	120,000	land	3588	3.655	10.2	183	5	915	9	Australia	Lancaster et al. (2010)	Australia (9)
Galapagos Sea Lion (GSL)	<i>Zalophus wollebaeki</i>	endangered	9,900	land	3650	2.564	13.5	781	22	17,182	1	Cosmozo, Galapagos	This study	Cosmozo, Galapagos (1)
California Sea Lion (CSL)	<i>Zalophus californianus</i>	least concern	226,000	land	5307	3.360	16.2	347	13	4,511	1	San Miguel Island, California	Azevedo-Whitehouse et al. (2006)	San Miguel Island, California (1)
Stellar Sea Lion (SSL)	<i>Eumetopias jubatus</i>	near threatened	78,000	land	3650	3.478	11.8	608	13	8,684	32	Alutian Islands	Hoffman et al. (2006)	Alutian Islands (32)
Northern Fur Seal (NFS)	<i>Callorhinus ursinus</i>	vulnerable	1,280,000	land	4745	5.073	36.4	492	8	3,936	8	Alutian Islands	Dickerson et al. (2010)	Alutian Islands (8)
Walrus (W)	<i>Odobenus rosmarus</i>	vulnerable	19,000	ice	5530	1.603	5.0	623	10	6,230	6	Atlantic population	Shafer et al. (2014)	Atlantic population (6)