

Conservation, demography, ecology and life-history data								Genetic data				
Common name	Scientific name	IUCN status	Abundance	Breeding habitat	Generation time (days)	SSD	Harem size	Individuals	Loci	Genotypes	Sampling locations (n)	Publication
Weddell Seal (WS)	<i>Leptonychotes weddellii</i>	least concern	633,000	ice	4015	0.957	3.0	893	15	13,395	Antarctica (7)	Davis et al. (2008)
Leopard Seal (LS)	<i>Hydrurga leptonyx</i>	least concern	35,500	ice	5110	0.883	1.0	150	14	2,100	Antarctica and sub-Antarctic Islands (6)	Davis et al. (2008)
Crab-eater Seal (CS)	<i>Lobodon carcinophagus</i>	least concern	4,000,000	ice	5475	0.984	1.0	303	7	2,121		Davis et al. (2008)
Ross Seal (RoS)	<i>Ommatophoca rossii</i>	least concern	220,000	ice	4015	0.939	1.0	90	9	810	Antarctica (4)	Davis et al. (2008)
Southern Elephant Seal (SES)	<i>Mirounga leonina</i>	least concern	650,000	land	3468	6.978	48.0	260	13	3,380	Falkland Islands (1)	This study
Northern Elephant Seal (NES)	<i>Mirounga angustirostris</i>	least concern	220,000	land	3184	4.435	13.0	260	35	9,100	San Benitos Archipelago, Mexico (3)	This study
Hawaiian Monk Seal (HMS)	<i>Monachus schauinslandi</i>	endangered	1,209	land	5475	0.653	1.0	2386	18	42,948	Hawaii (8)	Schultz et al. (2011)
Mediterranean Monk Seal (MMS)	<i>Monachus monachus</i>	endangered	400	land	4015	0.864	1.0	109	16	1,744	Western Sahara (1)	Pastor et al. (2004)
Ladoga Ringed Seal (LRS)	<i>Phoca hispida ladogensis</i>	vulnerable	4,000	ice	6789	1.000	1.0	16	17	272	Lake Ladoga, Russia (1)	Nyman et al. (2014)
Saimaa Ringed Seal (SRS)	<i>Phoca hispida saimensis</i>	endangered	280	ice	6789	1.000	1.0	172	17	2,924	Lake Saimaa, Finland (1)	Nyman et al. (2014)
Baltic Ringed Seal (BRS)	<i>Phoca hispida botnica</i>	least concern	6,500	ice	6789	1.000	1.0	21	17	357	Baltic Sea (1)	Nyman et al. (2014)
Ringed Seal (RS)	<i>Phoca hispida</i>	least concern	2,500,000	ice	6804	1.078	1.0	303	10	3,030	Arctic, several locations (8)	Davis et al. (2008)
Grey Seal (GS)	<i>Halichoerus grypus</i>	least concern	147,000	land	5110	1.503	5.0	1254	9	11,286	Orkney Archipelago, Scotland (13)	Klimova et al. (2014)
Harbor Seal (HS)	<i>Phoca vitulina</i>	least concern	425,000	land	5414	1.212	1.0	259	15	3,885	Waddensee, Denmark (1)	Rijks et al. (2017)
Hooded Seal (HoodS)	<i>Cystophora cristata</i>	vulnerable	662,000	ice	3850	1.542	1.0	300	13	3,900	Canada, Greenland Sea (4)	Coltman et al. (2007)
Bearded Seal (BS)	<i>Eriophthalmus barbatus</i>	least concern	500,000	ice	6035	0.959	1.0	119	13	1,547	Arctic, several locations (6)	Davis et al. (2008)
Galapagos Fur Seal (GFS)	<i>Arctocephalus galapagoensis</i>	endangered	7,000	land	3850	2.354	5.9	90	12	1,080	Fernandina and Isabella Islands, Galapagos (3)	Lopez et al. (2015)
South American Fur Seal (SAFS)	<i>Arctocephalus australis</i>	least concern	275,000	land	4270	3.278	6.0	226	7	1,582	Brazil, Peru (2)	De Oliveira et al. (2008)
New Zealand Fur Seal (NZFS)	<i>Arctocephalus forsteri</i>	least concern	200,000	land	3285	2.989	6.2	54	12	648	Open Bay, New Zealand (1)	Dusseux et al. (2016)
Subantarctic Fur Seal (SAntFS)	<i>Arctocephalus tropicalis</i>	least concern	400,000	land	3913	3.062	6.5	88	37	3,256	Macquarie Island (1)	This study
Antarctic Fur Seal (AntFS)	<i>Arctocephalus gazella</i>	least concern	5,000,000	land	3342	4.058	10.3	246	21	5,166	Bird Island, South Georgia (9)	Hoffman et al. (2011)
Guadalupe Fur Seal (GuaFS)	<i>Arctocephalus townsendi</i>	least concern	20,000	land	3850	2.944	6.2	224	15	3,360	Guadalupe Island (1)	This study
New Zealand Sea Lion (NZSL)	<i>Phocartos hookeri</i>	endangered	9,880	land	3850	1.989	12.9	205	17	3,485	New Zealand (4)	Osborne et al. (2016)
South American Sea Lion (SASL)	<i>Otaria byronia</i> / <i>flavescens</i>	least concern	250,000	land	2555	2.083	6.0	270	22	5,940	Falkland Islands (23)	Hoffman et al. (2016)
Australian Fur Seal (AFS)	<i>Arctocephalus pusillus</i>	least concern	120,000	land	3588	3.655	10.2	183	5	915	Australia (9)	Lancaster et al. (2010)
Galapagos Sea Lion (GSL)	<i>Zalophus wollebaeki</i>	endangered	9,900	land	3850	2.564	13.5	781	22	17,182	Casmano, Galapagos (1)	This study
California Sea Lion (CSL)	<i>Zalophus californianus</i>	least concern	226,000	land	5307	3.360	16.2	347	13	4,511	San Miguel Island, California (1)	Acero-de-Whitehouse et al. (2006)
Steller Sea Lion (SSL)	<i>Eumetopias jubatus</i>	near threatened	78,000	land	3850	3.478	11.8	668	13	8,684	Alentian Islands (32)	Hoffman et al. (2006)
Northern Fur Seal (NFS)	<i>Callorhinus ursinus</i>	vulnerable	1,290,000	land	4745	5.073	36.4	492	8	3,936	Alentian Islands (8)	Dickerson et al. (2010)
Walrus (W)	<i>Odobenus rosmarus</i>	vulnerable	19,000	ice	5530	1.603	5.0	623	10	6,230	Atlantic population (6)	Shafer et al. (2014)