Appendix 1. Average values for physiological, hematological, and morphological parameters for sea otters, polar bears, northern fur seals, and harbor seals

Variables	Units	SEA OTTER (E11hrdra lutris)		POLAR BEAR (Ursus maritimus)		NORTHERN FUR SEAL (Callorhimts 11rd111td)		HARBOR SEAL (Phoca vill1lilla)	
		Adult Puo		Adult Cub		Adult	Pun	Adult Newborn	
Average Weight: Male	kg	27-48	-<2mo.	350-650	birth wt	180-270	5-22.7	87-170 ²	11-19:t
Triange fragas. Franc			II - 4.4 2-8mo.		0.6-0.8 4-5 mo		(marling)		
			4.5-13.6		8-11		(yearling) 18.2-31.8		(yearling) 60-120
Average Weight: Female	kg	16-1/.		175-300				60-142 ^k	
Average standard Leneth: Male	m	135	nd	2.5-3	nd	711	n.d.	1.61-1.86"	0.79-0.98"
Average standard Leneth: Female	m	125	nd	2-2.5	n.d.	15	n.d.	1.48-1.69"	0.79-0.98
Normal Heart rate	bom	144 to 15g	nrl	nd.	nıl	Su-120	n.d.	130-150	11.0.
Nommt resoliration rate	bpm	17-20	nd	15-30	n,d,	0	nd	34	nd
Nomial core oooy temperature	Oc (OF)	37.5-38.1 (99.5- 100.6)	nd	30:5-38.3 (97.6-101)	nd	30.U-37.7 (96.8- 99.9)	nd	36.9-38.7 (98.4- 101.7)	nd
RBC	10°/mm	3.21-6.541	2.68-4.851	4.5-8.6°	nd	3.84-5.291	nd	3.99-5.61 I	5.0-6.31
Hb	g/dl	10.8-22.91	8.3-17.81	12-151	nd	12.7-17.81	nd	14.4-24.01	18.1-22.21
PCV		33-701	25-51 I	37-501	nd	34-511	nd	40-601	50-61
MCV	fl	82-1291	86-110 ¹	50-99 ^T	nd	85-1051	nd	92-121 1	87-1081
MCH	pg	27-371	27-371	17-31 1	nd	29-35'	nd	33-441	31-40 ¹
MCHC	grdl	31-381	31-381	24-351	nd	32-381	na	34-381	34-39'
WBC	10-1MM i	5.2-21.61	1.1-1U ^T	2.8-11.6	nd	7.0-13.81	nd	7.6-19.41	5.5-14.61
PMNs	%	37-841	40-761	nd	nd	53-831	nd	46-851	57-891
Bands	- 18	ol	ol	nd	nd	0-21	nd	0.51	0.91
Lymphs	%	13-61	21-601	nd	nd	11-381	nd	9.451	9-241
Monos	%	1-71	1-121	nd	nd	0-81	nd	1-171	5-121
HS	- i	1-61	J.41	nd	nd	0-11	nd	0-91	0-1
Basos	w	01	7.4.	nd	nd	0'	nd	0-21	0'
AST	mn	500 max	500max	8-55'	nd	56-129 ¹	nd	70-241 1	1981
ALT	mn		5.3571	0-15	nd	13-76	nd	36-691	nd
		33-366 ¹	0.357°	0.6-0.81	nd	0.0-0.21	nd	0.1-0.51	3.91
Total bilirubin	mgdi	490 max	490max	0.6-0.8*	nd	0.0-0.2 ·	nd	nd	nd
CK	1977		Account to the second	10000	nd	no.	nd	nd	nd
GGT	IU/L	nd	nd	nd			nd		
BUN	mg/di	25-IO1 ¹	29-1901	2-231	nd	20-73 1		25-971	57.61
Creatmine	mgdi	0.3-3.91	0.2-2.01	nd	nd	0.2-0.81	nd	0.4-1.41	1011
AP	bil	27-7141	21-6881	4-301	8-1181	80-1241	no.	30-3031	221 I
LOH	mn	419 mxx	419 mxx	37-406 ¹	nd	620-955 ¹	nd	321-12501	nd
Glucose	mg/di	60-2371	27-1741	48-156 ¹	nd	84-2101	nd	41-1641	1081
Triglyceride	mgrdl	nd	nd	nd	nd	7-294	nd	22-3621	531
Cholesterol	mgdi	97-414 ¹	113-885T.	153-525T	nd	265-3171	nd	212-3021	302 1
Lipase	IU/L	10-2281	15-1421	nd	nd	nd	nd	nd	nd
Protein, Total	u•	4.3-11.61	3.2-7.71	5.9-8.21	nd	6.3-7.8'	nd	6.1-9.71	5.81
Albumin	g/dl	1.2-5.01	1.2-3.91	nd	nd	3.8-4.51	nd	3.1-4.01	3.81
Globulin	g/dl	3.1-6.61	2.0-3.81	nd	nd	1.8-4.01	nd	1.8-4.01	2.01
Sodium (Na*)	mEqll	139-1631	128-1801	123-1571	nd	147-157 i	no.	145-1561	1521
Potassium (K ⁺)	mEq/1	4.0-5.61	3.6-5.61	2.2-3.9 ^t	nd	4.4-5.1	nd	4.0-6.01	4.51
Chloride (Cr)	mEqll	95-120	95-120	94-1081	nd	100-1121	nd	97-111 1	1061
Calcium (Ca ⁺⁺)	m d.	5.4-14.51	6.2-12.61	7.7-9.7	8.6-10.91	9.4-9.8'	nd	8.8-10.91	9.01
Phosphorus 1	mg/di	3.3-14.41	3.8-13.2 ^T	3.3-7.91	nd	4.7-7.71	nd	4.3-7.9'	nd

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