

Appendix 1.

Reference	Ecosystem	Ecosystem Size (lakes- log ₁₀ (ha))	Latitude (S = –)	System type	Top predator scientific name*	Food chain length*	Top predator dN ₁₅	Baseline dN ₁₅
1	Toolik Lake	2.18	68.63	Lake	<i>Salvelinus namaycush</i>	2.94	10.20	7.00
2	N2	0.26	68.63	Lake	<i>Cottus cognatus</i>	4.15	8.80	1.50
3	Char Lake	1.72	74.70	Lake	<i>Salvelinus alpinus</i>	4.82	13.70	4.10
4	Peter Lake	4.19	63.12	Lake	<i>Salvelinus namaycush</i>	4.10	11.65	4.52
5	Lake 18	2.45	69.50	Lake	<i>Coregonus clupeaformis</i>	3.78	12.68	6.62
5	Travaillant Lake	4.06	69.50	Lake	<i>Salvelinus namaycush</i>	4.65	13.90	4.90
6	Bow Lake	2.45	51.75	Lake	<i>Prosopium williamsoni</i>	3.47	6.70	1.72
7	Kusawa Lake	–	60.33	Lake	<i>Salvelinus namaycush</i>	4.52	9.98	1.41
7	Fox Lake	–	61.25	Lake	<i>Lota lota</i>	4.13	8.87	1.64
7	Laberge Lake	4.30	61.20	Lake	<i>Salvelinus namaycush</i>	5.00	12.26	2.06
8	Smith Lake	1.86	64.88	Lake	<i>Erpobdella Montezuma</i>	3.49	8.50	3.42
9	Lake Baikal	6.50	53.63	Lake	<i>Comephorus baikalensis</i>	3.94	13.40	6.80
10	Lake Winnipeg	6.38	53.00	Lake	<i>Stizostedion canadense</i>	3.41	17.50	12.71
11	LLB20	1.79	55.10	Lake	<i>Esox lucius</i>	3.99	12.85	6.10
11	SPH200	1.75	55.35	Lake	<i>Esox lucius</i>	3.79	11.64	5.54
11	SPH20	2.41	55.45	Lake	<i>Esox lucius</i>	4.88	17.11	7.33
12	Green Lake 3 (GL3)	0.88	40.05	Lake	<i>Salvelinus fontinalis</i>	3.63	10.40	4.85
13	FP15	1.70	48.85	Lake	<i>Esox lucius</i>	3.00	–	–
13	N88	1.78	48.85	Lake	<i>Esox lucius</i>	3.33	–	–
13	FP30	1.48	48.85	Lake	<i>Esox lucius</i>	3.58	–	–
13	FBP9	1.78	48.85	Lake	<i>Esox lucius</i>	3.71	–	–
13	FBP10	1.60	48.85	Lake	<i>Esox lucius</i>	3.73	–	–

13	N63		1.78	48.85	Lake	<i>Esox lucius</i>	3.73	–	–
13	FP32		1.30	48.85	Lake	<i>Esox lucius</i>	3.77	–	–
13	N107		1.70	48.85	Lake	<i>Esox lucius</i>	3.86	–	–
13	N89		1.85	48.85	Lake	<i>Esox lucius</i>	4.09	–	–
13	N56		1.48	48.85	Lake	<i>Esox lucius</i>	4.14	–	–
13	C9		1.85	48.85	Lake	<i>Esox lucius</i>	4.22	–	–
13	FP2		1.60	48.85	Lake	<i>Esox lucius</i>	4.24	–	–
13	C24		1.30	48.85	Lake	<i>Esox lucius</i>	4.29	–	–
13	N55		1.48	48.85	Lake	<i>Esox lucius</i>	4.29	–	–
13	N122		1.30	48.85	Lake	<i>Esox lucius</i>	4.29	–	–
13	N43		1.48	48.85	Lake	<i>Esox lucius</i>	4.31	–	–
13	C40		1.48	48.85	Lake	<i>Esox lucius</i>	4.41	–	–
13	C2		1.60	48.85	Lake	<i>Esox lucius</i>	4.42	–	–
13	FP24		1.30	48.85	Lake	<i>Esox lucius</i>	4.56	–	–
14	Blue Mesa Reservoir		1.73	38.47	Lake	<i>Salvelinus namaycush</i>	3.75	13.35	7.39
15	Armstrong Lake		2.34	54.66	Lake	<i>Esox lucius</i>	4.89	13.20	3.37
16	Sargent Lake		2.16	48.00	Lake	<i>Esox lucius</i>	3.94	10.30	3.70
16	Richie Lake		2.33	48.00	Lake	<i>Esox lucius</i>	4.03	10.00	3.10
17		110	0.72	49.66	Lake	<i>Esox lucius</i>	3.96	10.23	3.55
17		227	0.70	49.66	Lake	<i>Esox lucius</i>	3.97	9.94	3.24
						<i>Hypomesus transpacificus f. nipponensis</i>			
18	Lake Suwa		3.12	36.50	Lake	<i>Hypomesus transpacificus f. nipponensis</i>	3.11	13.30	9.53
19	MacDonald Lake		2.14	45.50	Lake	<i>Ambloplites rupestris</i>	3.46	–	–
19	Happy Isle		2.73	45.50	Lake	<i>Micropterus dolomieu</i>	4.00	–	–
19	Dickie Lake		2.32	45.50	Lake	<i>Salvelinus namaycush</i>	3.51	–	–
19	Source Lake		2.43	45.50	Lake	<i>Salvelinus namaycush</i>	3.72	–	–
19	Victoria Lake		2.95	45.50	Lake	<i>Lota lota</i>	4.22	–	–
19	Clear Lake		2.21	45.50	Lake	<i>Ambloplites rupestris</i>	4.07	–	–
19	Opeongo Lake		3.71	45.50	Lake	<i>Salvelinus namaycush</i>	4.15	–	–
19	Twelve Mile Lake		2.53	45.50	Lake	<i>Salvelinus namaycush</i>	4.31	–	–
19	Smoke Lake		2.78	45.50	Lake	<i>Salvelinus namaycush</i>	4.37	–	–
19	Rosseau Lake		3.80	45.50	Lake	<i>Salvelinus namaycush</i>	4.46	–	–
19	Lake Memphremagog		4.18	45.50	Lake	<i>Salvelinus namaycush</i>	4.55	–	–
19	Temagami Lake		4.36	45.50	Lake	<i>Salvelinus namaycush</i>	4.60	–	–
19	Muskoka Lake		4.09	45.50	Lake	<i>Salvelinus namaycush</i>	4.64	–	–
19	Louisa Lake		2.69	45.50	Lake	<i>Salvelinus namaycush</i>	4.86	–	–
20	Pyramid Lake		4.69	40.03	Lake	<i>Oncorhynchus clarki benshawii</i>	3.57	12.67	7.33

21	Bear Lake	1.68	42.33	Lake	<i>Micropterus salmoides</i>	3.89	12.56	6.15
21	Black Lake	3.49	44.47	Lake	<i>Sander vitreus</i>	3.96	11.85	5.19
21	Bull Lake	1.08	41.33	Lake	<i>Micropterus salmoides</i>	3.62	10.62	5.12
21	Cayuga Lake	4.24	42.93	Lake	<i>Salvelinus namaycush</i>	4.55	20.62	11.96
21	Lake Champlain	5.05	44.53	Lake	<i>Salvelinus namaycush</i>	4.85	18.86	9.15
21	Chautauqua Lake	3.73	42.18	Lake	<i>Micropterus salmoides</i>	3.97	16.10	9.41
21	Clear Lake	1.81	44.27	Lake	<i>Micropterus salmoides</i>	3.92	12.44	5.92
21	Cross Lake	2.90	43.13	Lake	<i>Micropterus salmoides</i>	4.08	18.14	11.08
21	Cuba Lake	2.26	42.23	Lake	<i>Micropterus salmoides</i>	3.35	16.40	11.83
21	Lake Erie	6.41	41.67	Lake	<i>Salvelinus namaycush</i>	4.39	17.34	9.22
21	Honeoye Lake	2.85	42.75	Lake	<i>Micropterus salmoides</i>	4.26	14.74	7.05
21	Hyde Lake	1.86	44.23	Lake	<i>Esox lucius</i>	3.98	12.11	5.38
21	Lake Kegonsa	3.11	42.95	Lake	<i>Micropterus salmoides</i>	4.04	16.73	9.81
21	Keuka Lake	3.67	42.55	Lake	<i>Salvelinus namaycush</i>	4.34	17.60	9.64
21	Neatahwanta Lake	2.44	43.30	Lake	<i>Micropterus salmoides</i>	3.79	13.68	7.59
21	Lake Ontario	6.27	43.50	Lake	<i>Salvelinus namaycush</i>	5.02	18.37	8.09
21	Owasco Lake	3.44	42.90	Lake	<i>Salvelinus namaycush</i>	4.14	18.07	10.78
21	Raquette Lake	3.30	43.83	Lake	<i>Salvelinus namaycush</i>	4.05	12.28	5.29
21	Round Pond	0.85	41.37	Lake	<i>Micropterus salmoides</i>	3.73	11.88	6.00
21	Silver Lake	2.53	42.68	Lake	<i>Micropterus salmoides</i>	3.97	18.09	11.41
21	Spencer Lake	1.41	42.23	Lake	<i>Micropterus salmoides</i>	3.77	14.66	8.63
21	Upton Lake	1.28	41.83	Lake	<i>Micropterus salmoides</i>	3.49	13.40	8.32
21	Oneida Lake	4.32	43.20	Lake	<i>Sander vitreus</i>	4.25	15.90	8.26
22	Lake Michigan	6.35		Lake	<i>Lota lota</i>	4.10	16.37	9.22
23	Loch Ness	4.25	57.25	Lake	<i>Salmo trutta</i>	3.74	13.50	7.60
24	Stradsett Hall Lake	0.92	52.62	Lake	<i>Esox lucius</i>	3.66	17.91	12.27
24	Gunthorpe Hall Lake	0.23	52.89	Lake	<i>Esox lucius</i>	3.66	16.66	11.02
24	Bayfield Hall Lake	0.43	55.00	Lake	<i>Esox lucius</i>	3.92	16.65	10.12
24	Bluestone Plantation Lake	0.56	52.89	Lake	<i>Scardinius erythrophthalmus</i>	2.97	17.33	14.02
25	Esthwaite Water	2.00	54.33	Lake	<i>Rutilus rutilus</i>	3.43	12.60	7.75
26	Mashpaug Pond	1.43	41.60	Lake	<i>Micropterus salmoides</i>	2.76	11.40	8.80
26	Tucker Pond	1.58	41.60	Lake	<i>Micropterus salmoides</i>	3.71	11.10	5.30
26	Michnock Lake	1.29	41.60	Lake	<i>Esox niger</i>	3.74	15.00	9.10
26	Meshanticut Pond	0.65	41.60	Lake	<i>Micropterus salmoides</i>	3.94	15.40	8.80
26	Tiogue Lake	1.94	41.60	Lake	<i>Micropterus salmoides</i>	4.00	18.80	12.00
26	Larkin Pond	1.25	41.60	Lake	<i>Micropterus salmoides</i>	4.06	15.50	8.50
26	Quidnick Reservoir	1.86	41.60	Lake	<i>Micropterus salmoides</i>	4.09	12.00	4.90

26	Hundred Acre Pond	1.53	41.60	Lake	<i>Micropterus salmoides</i>	4.09	15.90	8.80
26	Oak Swamp Reservoir J. L. Curran Upper Reservoir	1.63	41.60	Lake	<i>Micropterus salmoides</i>	4.15	15.10	7.80
26	Reservoir	1.05	41.60	Lake	<i>Micropterus salmoides</i>	4.21	15.80	8.30
26	Yawgoo Pond	1.82	41.60	Lake	<i>Micropterus salmoides</i>	4.29	13.90	6.10
27	Lake Balaton	4.77	46.88	Lake	<i>Sander lucioperca</i>	3.93	13.39	6.84
28	Lake Roosevelt	4.39	47.92	Lake	<i>Lota lota</i>	3.88	12.24	5.84
29	Lake Kasumigaura	4.34	36.05	Lake	Goby	3.43	15.10	10.23
30	Savanna Bay	2.41	39.50	Lake	<i>Morone chrysops</i>	3.20	17.48	13.40
30	Long Lake	1.46	39.50	Lake	<i>Lepisosteus platostomus</i>	3.44	16.44	11.54
31	Tallandoon	0.30	-36.45	Lake	<i>Galaxias rostratus</i>	3.72	8.99	3.15
31	Ryan's 1	0.54	-36.10	Lake	<i>Gambusia</i>	2.97	9.20	5.90
31	Ryan's 2	0.95	-36.10	Lake	<i>Gudgeons</i>	3.06	8.60	5.00
32	Sasta Lake	4.87	40.82	Lake	<i>Oncorhynchus tshawytscha</i>	4.19	11.85	4.40
33	Lake Apopka	4.09	28.65	Lake	<i>Lepisosteus platyrhynchus</i>	3.97	13.90	7.20
34	Lake Victoria	6.83	1.30	Lake	<i>Lates nilotica</i>	3.57	12.31	6.98
35	Lake Coquero	-	-16.25	Lake	<i>Roebooides paranensis</i>	2.88	12.18	9.19
36	Lake Donghu	3.51	30.50	Lake	<i>Aristichthys nobilis</i>	3.03	11.40	7.91
37	Lake Tahoe	4.70	39.00	Lake	<i>Salmo trutta</i>	3.55	-	-
37	Cascade Lake	1.93	39.00	Lake	<i>Salmo trutta</i>	3.80	-	-
38	Lliamna Lake	5.40	59.00	Lake	<i>Oncorhynchus mykiss</i>	3.78	13.60	7.55
38	Control Lake	1.60	59.00	Lake	<i>Salvelinus malma</i>	3.78	9.20	3.15
39	Lake 373	1.43	55.00	Lake	<i>Salvelinus namaycush</i>	3.64	9.80	4.23
39	Lake 240	1.64	55.00	Lake	<i>Esox lucius</i>	4.16	9.91	2.55
39	Lake Malawi	6.46	11.96	Lake	<i>Rhamphochromis ferrox</i>	5.00	9.55	-0.65
39	Kyoga Lake	5.43	1.49	Lake	<i>Rastrineobola argentea</i>	3.79	9.14	3.04
39	Big	2.92	65.90	Lake	<i>Stenodus leucichthys</i>	4.26	11.32	3.64
39	South	1.66	69.50	Lake	<i>Coregonus clupeaformis</i>	3.27	7.67	3.34
39	Lake 18	2.46	69.50	Lake	<i>Esox lucius</i>	3.80	12.67	6.54
39	Skidoo	1.77	69.50	Lake	<i>Stenodus leucichthys</i>	4.93	12.56	2.59
40	Lake Mendota	3.60	43.10	Lake	<i>Esox lucius</i>	3.94	20.40	13.80
40	Lake Monona	3.12	43.05	Lake	<i>Micropterus salmoides</i>	4.10	16.96	9.82
26	Upper Pawtuxet River	Large	41.60	River	<i>Esox niger</i>	3.35	11.70	7.10
41	Slave River	Large	60.00	River	<i>Sander vitreus</i>	3.55	10.78	8.91
42	Orinoco River	Large	10.00	River	<i>Anchoviella guianensis</i>	4.24	10.80	3.20
43	Colorado River	Large	37.00	River	<i>Oncorhynchus mykiss</i>	3.38	16.30	11.60
44	Ohio River	Large	39.66	River	<i>Micropterus salmoides</i>	3.31	17.05	12.59

45	Missouri River	Large	48.66	River	Fish	4.85	13.79	4.10
46	St Lawrence Seaway	Large	45.75	River	<i>Sander vitreus</i>	3.56	13.95	8.65
47	Missouri River	Large	38.66	River	<i>Morone chrysops</i>	3.33	16.73	12.21
47	Ohio River	Large	37.00	River	<i>Micropterus salmoides</i>	3.33	17.17	12.66
48	Aguaro	Large	9.00	River	<i>Hoplerythrinus unitaeniatus</i>	3.07	–	–
48	Apure	Large	8.00	River	<i>Brycon sp.</i>	2.74	–	–
48	Cinaruco	Large	6.30	River	<i>Plagioscion squamosissimus</i>	2.66	–	–
48	Pasimoni	Large	1.15	River	<i>Hydrolycus armatus</i>	3.56	–	–
1	Lower Lookout Cr.	Small	44.00	River	Trout	3.21	5.30	1.20
26	Blackstone River	Small	41.60	River	<i>Micropterus salmoides</i>	3.71	19.10	13.30
49	Kuparuk River	Small	67.50	River	<i>Thymallus arcticus</i>	3.44	8.30	3.40
50	South Fork Eel River	Small	39.75	River	<i>Oncorhynchus mykiss</i>	3.63	5.59	0.06
51	Bambo Creek	Small	-17.50	River	<i>Hypseleotris compressa</i>	3.01	14.99	11.54
52	Tai Po Kau Forest Stream	Small	23.00	River	<i>Schistura sp.</i>	3.40	6.38	1.63
53	Cave Springs Cave	Small	36.27	River	<i>Amblyopsis rosae</i>	3.30	12.77	6.38
54	Baker Creek	Small	67.50	River	<i>Oncorhynchus tshawytscha</i>	3.17	8.82	4.84
54	Ensley Creek	Small	67.50	River	<i>Oncorhynchus tshawytscha</i>	3.27	8.29	3.96
54	Garner Creek	Small	67.50	River	<i>Oncorhynchus tshawytscha</i>	3.17	8.00	4.04
54	Mechem Creek	Small	67.50	River	<i>Oncorhynchus tshawytscha</i>	3.63	8.42	2.86
54	Swede Creek	Small	67.50	River	<i>Oncorhynchus tshawytscha</i>	3.51	8.61	3.48
55	Jones Canyon	Small	38.00	River	<i>Stygobromus spinatus</i>	3.12	15.08	11.28
55	Sively 3	Small	38.00	River	<i>Macrocotyla hoffmasteri</i>	3.16	16.67	12.74
55	Sively 2	Small	38.00	River	<i>Stygobromus emarginatus</i>	3.71	14.57	8.74
56	Akokala/Bowman	Small	48.70	River	<i>Oncorhynchus clarki lewisi</i>	3.47	8.19	3.19
56	Akokala/Bowman	Small	48.70	River	<i>Oncorhynchus clarki lewisi</i>	3.61	7.42	1.95
57	Grizzly Creek	Small	47.50	River	<i>Oncorhynchus mykiss</i>	3.55	11.50	6.23
57	East Fork Creek	Small	47.50	River	<i>Oncorhynchus mykiss</i>	3.53	13.60	8.40
57	Stream 0372	Small	47.50	River	<i>Oncorhynchus mykiss</i>	3.27	7.60	3.27
57	Ten Creek	Small	47.50	River	<i>Oncorhynchus mykiss</i>	3.15	8.10	4.20
58	Miramichi River	Small	46.90	River	<i>Salmo salar</i>	4.07	10.35	3.30
58	Catamaran Brook	Small	46.90	River	<i>Salvelinus fontinalis</i>	3.68	10.50	4.80
59	La Roche Brook	Small	48.66	River	<i>Salmo trutta</i>	4.19	13.90	6.45
60	Rio Espiritu Santo	Small	18.25	River	<i>Eleotris pisonis</i>	3.21	9.53	5.40
60	Rio Espiritu Santo	Small	18.25	River	<i>Macrobrachium crenulatum</i>	2.96	6.97	3.71
60	Rio Espiritu Santo	Small	18.25	River	<i>Agonostomus monticola</i>	3.80	8.93	2.82
61	Valley Creek	Small	40.00	River	<i>Catostomus commersoni</i>	3.12	11.30	7.50
62	Native Forest Creek	Small	-37.40	River	<i>Anguilla dieffenbachii</i>	3.22	6.70	2.54

62	Exotic Forest Creek	Small	-37.50	River	<i>Anguilla australis</i>	3.22	8.60	4.46
62	Pasture Creek	Small	-37.50	River	<i>Retropinna retropinna</i>	4.23	12.30	4.73
63	Sashin Creek (control)	Small	56.33	River	<i>Oncorhynchus mykiss</i>	3.48	10.00	4.98
63	Sashin Creek (spawning)	Small	56.33	River	<i>Oncorhynchus mykiss</i>	4.24	13.80	6.20
64	Baltic Sea	-	59.00	Marine	<i>Gadus morhua</i>	4.12	12.32	5.10
65	Georges Bank	-	41.00	Marine	<i>Pomatomus saltatrix</i>	3.98	15.20	8.48
66	Fritz Cove	-	58.68	Marine	<i>Hippoglossoides elassodon</i>	3.97	14.60	7.90
66	Auke Bay Monitor	-	58.68	Marine	<i>Theragra chalcogramma</i>	4.09	14.90	7.80
67	Schooner Bay	-	25.00	Marine	<i>Lutjanus griseus</i>	3.44	10.30	5.40
67	Whitewater Bay	-	25.00	Marine	<i>Lutjanus griseus</i>	3.51	11.80	6.65
68	Northeast Water Polynya	-	79.00	Marine	<i>Arctodiellus europaeus</i>	3.94	15.60	9.00
69	Mediterranean Sea	-	40.00	Marine	<i>Diplodus annularis</i>	3.94	12.70	6.10
69	Mediterranean Sea	-	40.00	Marine	<i>Diplodus vulgaris</i>	4.24	13.60	6.00
69	Mediterranean Sea	-	40.00	Marine	<i>Thalassoma pavo</i>	4.22	13.80	6.27
70	Biscayne Bay	-	25.50	Marine	<i>Lutjanus griseus</i>	3.89	10.90	4.48
70	Sweetings Cay and Fresh Creek	-	25.50	Marine	<i>Abudefduf saxatilis</i>	4.39	12.00	3.86
71	False Creek Harbour	-	49.25	Marine	<i>Leptocottus armatus</i>	3.82	14.80	8.60
72	Bay of Calvi	-	42.56	Marine	<i>Apogon imberbis</i>	3.91	9.77	3.26
73	Mediterranean Sea Southern Bengula	-	40.00	Marine	<i>Epinephelus marginatus</i>	3.76	12.30	6.30
74	Ecosystem	-	-35.00	Marine	<i>Etrumeus whiteheadi</i>	3.82	13.70	7.50
75	Antarctic Sea	-	-63.00	Marine	<i>Trematomus bernacchii</i>	3.91	10.40	3.90
76	North Sea	-	50.00	Marine	<i>Merlangius merlangus</i>	4.82	16.93	7.33
77	North Sea	-	60.00	Marine	<i>Merlangius merlangus</i>	5.06	17.20	10.20
77	Celtic Sea	-	59.00	Marine	<i>Trachurus trachurus</i>	4.94	17.90	11.30
78	Norwegian Sea	-	63.50	Marine	<i>Pollachius virens</i>	4.18	13.22	5.81
79	Gamo Lagoon, Japan	-	38.25	Marine	<i>Acanthogobius flavimanus</i>	3.53	14.60	9.40
80	Usujiri intertidal	-	41.95	Marine	<i>Sebastes taczanowskii</i>	3.74	12.70	6.80
81	Plum Island Sound Est.	-	42.75	Marine	<i>Pomatomus saltatrix</i>	3.25	12.70	8.47
81	Plum Island Sound Est.	-	42.75	Marine	<i>Pomatomus saltatrix</i>	3.77	14.00	7.98
81	Plum Island Sound Est.	-	42.75	Marine	<i>Pomatomus saltatrix</i>	3.22	11.30	7.16
81	Plum Island Sound Est.	-	42.75	Marine	<i>Pomatomus saltatrix</i>	3.95	14.40	7.78
82	Graveline Bay	-	30.33	Marine	<i>Anchoa nasuta</i>	3.56	12.40	7.10
83	Gazi Bay	-	4.43	Marine	<i>Tylosurus crocodilus crocodilus</i>	4.27	11.36	3.64
84	Sapelo Island	-	31.35	Marine	<i>Chaetodipterus faber</i>	3.62	12.00	6.51
85	w. Seto Inland Sea	-	34.50	Marine	<i>Trichiurus japonicus</i>	4.72	17.50	8.25

86	Pleasant Bay	–	41.74	Marine	<i>Ophelia spp.</i>	3.60	11.90	6.45
87	Tijuana Estuary	–	32.66	Marine	<i>Atherinops affinis</i>	3.78	16.80	10.74
88	Pearl River Estuary	–	22.45	Marine	<i>Johnius fasciatus</i>	3.73	13.56	7.69
89	Stagnone di Marsala	–	37.89	Marine	<i>Pomatoschistus tortonesei</i>	5.22	16.10	5.15
90	Boston Harbour	–	42.40	Marine	<i>Morone saxatilis</i>	4.71	15.91	6.71
91	southern North Sea	–	57.50	Marine	<i>Anguilla anguilla</i> (<i>Lagenorhynchus albirostris</i>)	4.44 (4.20)	19.60 (18.80)	11.31
92	Southeast Australia	–	–38.20	Marine	<i>Genypterus blacodes</i> (<i>Arctocephalus pusillus doriferus</i>)	3.66 (4.45)	13.10 (15.80)	7.46
93	Barrow Strait – Lancaster Sound	–	73.00	Marine	<i>Gymnellus virides</i> (<i>Phoca hispida</i>)	3.97 (4.29)	16.20 (17.30)	9.50
94	Gulf of Alaska	–	57.50	Marine	<i>Theragra chalcogramma</i> (<i>Phoca hispida</i>)	4.12 (5.09)	15.70 (19.00)	8.50
95	North Water Polynya	–	78.00	Marine	<i>Raja radiata</i> (<i>Phoca hispida</i>)	4.00 (4.79)	14.80 (17.50)	8.00
96	Beaufort/Chukchi Sea	–	71.60	Marine	<i>Boreogadus saida</i> (<i>Eumetopias jubatus</i>)	3.03 (3.97)	13.70 (16.90)	10.20
97, 98	Weddell Sea	–	–65.00	Marine	<i>Bathylagus antarcticus</i> (<i>Ommatophoca rossii</i>)	3.92 (3.93)	9.23 (9.26)	2.70
99	North Sea	–	59.00	Marine	<i>Gadus morhua</i> (<i>Phoca vitulina</i>)	3.61 (4.01)	15.26 (16.64)	9.79
100	Barents Sea	–	74.20	Marine	<i>Boreogadus saida</i> (<i>Phoca hispida</i>)	3.68 (4.12)	13.00 (14.50)	7.30
101	southern Beaufort-Chukchi Sea	–	70.00	Marine	<i>Trigloporus quadricornis</i> (<i>Phoca hispida</i>)	3.67 (4.34)	–	–
102	Northwater Polynya	–	74.00	Marine	<i>Boreogadus saida</i> (<i>Phoca hispida</i>)	3.84 (4.77)	–	–

- marine studies, which included mammalian top predators, have mammal information listed in parenthesis

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