Appendix 6

Trophic-relationship salience data derived from the second freelisting task of the protocol

(Table lengths reflect different points at which notable patterns of differences are observable in the results)

PREDATOR → PREY RELATIONSHIP	RANK BY S	SMITH'S SALIENCE INDEX (S)
Bear → Salmon	1	0.230
Wolf → Deer	2	0.219
Sea otter → Urchin	3	0.191
Cougar → Deer	4	0.185
Killer whale → Salmon	5	0.175
Killer whale → Sea lion	6	0.147
Sea otter → Clam	7	0.133
Sea lion → Fish	8	0.109
Eagle → Salmon	8	0.109
Bear → Berries	9	0.107
Killer whale → Seal	10	0.103
Sea otter → Crab	11	0.090
Bear → Fish	12	0.088
Eagle → Fish	13	0.086
Cougar → Raccoon	14	0.082

PREDATOR → PREY RELATIONSHIP	RANK BY S	SMITH'S SALIENCE INDEX (S)
Human → Chinook salmon	1	0.250
Sea otter → crab	1	0.250
Sea otter → Sea cucumber	1	0.250
Bear → Berries	1	0.250
Sea otter → Mussel	2	0.242
Bear → Leaves	2	0. 242
Human → Chum salmon	3	0.240
Sea otter → Swm. Scallop	4	0.239
Abalone → Kelp	5	0.234
Sea otter → Gnk. Barnacle	5	0.234
Human → Sockeye salmon	6	0.231
Sea otter → Butter clam	7	0.227
Red urchin → Kelp	7	0.227
Sea otter → Chiton	7	0.227
Human → Coho salmon	8	0.221

Table A6.1 **Most cognitively accessible trophic relationships: civilian locals (top 15)**

Table A6.2 **Most cognitively accessible trophic relationships: government managers (top 15)**

PREDATOR → PREY RELATIONSHIP	RANK BY S	SMITH'S SALIENCE INDEX (S)
Sea otter → Urchin	1	0.264
Sea otter → Clam	2	0.224
Wolf → Deer	3	0.198
Bear → Salmon	4	0.184
Cougar → Deer	5	0.180
Bear → Berries	6	0.163
Killer whale → S. lion	7	0.159
Bear → Fish	7	0.159
Human → Halibut	8	0.145
Sea lion → Fish	9	0.132
Human → Salmon	10	0.128
Human → Prawn	10	0.128
Eagle → Fish	11	0.127
Human → Clam	12	0.123
Human → Bear	13	0.111
Human → Oyster	13	0.111
Whale → Sea lion	14	0.107
Human → Dogfish	15	0.104
Eagle → Salmon	16	0.103
Seal → Fish	17	0.101

PREDATOR → PREY RELATIONSHIP	RANK BY S	SMITH'S SALIENCE INDEX (S)
Killer whale → Salmon	1	0.270
Bear → Salmon	2	0.267
Wolf → Deer	3	0.236
Cougar → Deer	4	0.189
Killer whale → Sea lion	5	0.138
Sea otter → Urchin	6	0.134
Eagle → Salmon	7	0.114
Killer whale → Seal	8	0.109
Sea otter → Crab	9	0.104
Sea lion → Fish	10	0.091
Cougar → Raccoon	11	0.090
Bird → Berries	12	0.085
Whale → Plankton	13	0.079
Grey whale → Plankton	13	0.079
Wolf → Bear	14	0.078
Salmon → Herring	15	0.072
Seal → Salmon	16	0.067
Wolf → Raccoon	17	0.065
Bear → Berries	18	0.062
Sea otter → Clam	19	0.060

Table A6.3 **Most cognitively accessible trophic relationships: females (top 20)**

Table A6.4 **Most cognitively accessible trophic relationships: males (top 20)**

PREDATOR → PREY RELATIONSHIP	RANK BY S	SMITH'S SALIENCE INDEX (S)
Wolf → Deer	1	0.295
Sea otter → Urchin	2	0.255
Bear → Salmon	3	0.237
Cougar → Deer	4	0.229
Sea otter → Clam	5	0.206
Killer whale → Salmon	6	0.168
Sea otter → Crab	7	0.127
Bear → Fish	7	0.120
Killer whale → Seal	8	0.116
Eagle → Salmon	9	0.115
Eagle → Fish	10	0.101
Sea otter → G. Barnacle	11	0.092
Salmon → Herring	12	0.080
Bear → Clam	13	0.078
Bear → Berries	14	0.075
Killer whale → Porpoise	14	0.075
Eagle → Sckye. salmon	15	0.073
Bear → Blackberry	16	0.070
Wolf → Dog	17	0.068
Human → Halibut	18	0.067
Bear → Sckye. salmon	19	0.065
Sea otter → Oyster	20	0.064
Human → Deer	21	0.063
Killer whale → S.lion	22	0.062
Sea otter → Mussel	23	0.060
Sea otter → Abalone	24	0.059
Seal → Clam	25	0.055
Sea otter → Chiton	26	0.054
Cougar → Dog	27	0.053
Bear → Crab	27	0.053

PREDATOR → PREY RELATIONSHIP	RANK BY S	SMITH'S SALIENCE INDEX (S)
Bear → Salmon	1	0.227
Killer whale → Sea lion	2	0.196
Killer whale → Salmon	3	0.179
Cougar → Deer	4	0.160
Sea otter → Urchin	5	0.155
Wolf → Deer	6	0.151
Sea lion → Fish	7	0.148
Cougar → Raccoon	8	0.128
Bear → Berries	9	0.125
Eagle → Salmon	10	0.106
Killer whale → Seal	11	0.095
Killer whale → Fish	12	0.092
Sea otter → Clam	13	0.091
Killer whale → Sea otter	14	0.082
Hbck. whale → Herring	14	0.082
Starfish → Oyster	14	0.082
Whale → Plankton	15	0.080
Human → Halibut	17	0.078
Eagle → Fish	18	0.077
Human → Bear	18	0.077
Bear → Mussel	19	0.074
Whale → Sea lion	19	0.074
Bird → Berries	19	0.074
Human → Prawn	20	0.073
Human → Dogfish	21	0.072
Human → Shrimp	22	0.070
Bear → Fish	23	0.069
Bear → Oyster	23	0.069
Sea otter → Crab	23	0.069
Bear → Bird	24	0.068

Table A6.5　Most cognitively accessible trophic relationships: First Nations (top 30)

Table A6.6　Most cognitively accessible trophic relationships: non-First Nations (top 30)