

Effects of Earlier Sea Ice Breakup on Survival and Population Western Hudson Bay

Journal of Wildlife Management

71, 2673-2683

DOI: 10.2193/2006-180

Citation Report

#	ARTICLE	IF	CITATIONS
1	Effects of sea ice extent and food availability on spatial and temporal distribution of polar bears during the fall open-water period in the Southern Beaufort Sea. <i>Polar Biology</i> , 2008, 31, 999-1010.	1.2	121
3	Polar bear numbers set to fall. <i>Nature</i> , 2008, 453, 432-433.	27.8	9
4	Response to Dyck et al. (2007) on polar bears and climate change in western Hudson Bay. <i>Ecological Complexity</i> , 2008, 5, 193-201.	2.9	29
5	Reply to response to Dyck et al. (2007) on polar bears and climate change in western Hudson Bay by Stirling et al. (2008). <i>Ecological Complexity</i> , 2008, 5, 289-302.	2.9	17
6	QUANTIFYING THE SENSITIVITY OF ARCTIC MARINE MAMMALS TO CLIMATE-INDUCED HABITAT CHANGE. , 2008, 18, S97-S125.		569
7	POLAR BEAR DIETS AND ARCTIC MARINE FOOD WEBS: INSIGHTS FROM FATTY ACID ANALYSIS. <i>Ecological Monographs</i> , 2008, 78, 591-613.	5.4	287
8	Polar bear <i>Ursus maritimus</i> conservation in Canada: an ecological basis for identifying designatable units. <i>Oryx</i> , 2008, 42, 504.	1.0	32
9	Effects of Climate Change on Polar Bears. <i>Science Progress</i> , 2008, 91, 151-173.	1.9	43
10	Inuit-organised polar bear sport hunting in Nunavut territory, Canada. <i>Journal of Ecotourism</i> , 2009, 8, 161-175.	2.9	28
11	Predicting 21st-century polar bear habitat distribution from global climate models. <i>Ecological Monographs</i> , 2009, 79, 25-58.	5.4	299
12	Fasting physiology of polar bears in relation to environmental change and breeding behavior in the Beaufort Sea. <i>Polar Biology</i> , 2009, 32, 383-391.	1.2	66
13	The early bear gets the goose: climate change, polar bears and lesser snow geese in western Hudson Bay. <i>Polar Biology</i> , 2009, 32, 539-547.	1.2	57
14	Spatial and temporal patterns of problem polar bears in Churchill, Manitoba. <i>Polar Biology</i> , 2009, 32, 1529-1537.	1.2	97
15	Demography and population viability of polar bears in the Gulf of Boothia, Nunavut. <i>Marine Mammal Science</i> , 2009, 25, 778-796.	1.8	21
16	Community clusters in wildlife and environmental management: using TEK and community involvement to improve co-management in an era of rapid environmental change. <i>Polar Research</i> , 2009, 28, 43-59.	1.6	44
17	Mammal Ecology as an Indicator of Climate Change. , 2009, , 197-214.		7
18	Sea Ice-associated Diet Change Increases the Levels of Chlorinated and Brominated Contaminants in Polar Bears. <i>Environmental Science & Technology</i> , 2009, 43, 4334-4339.	10.0	120
19	A body composition model to estimate mammalian energy stores and metabolic rates from body mass and body length, with application to polar bears. <i>Journal of Experimental Biology</i> , 2009, 212, 2313-2323.	1.7	58

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20	Rebuttal of "Polar Bear Population Forecasts: A Public-Policy Forecasting Audit". <i>Interfaces</i> , 2009, 39, 353-369.	1.5	12
21	Integrative Wildlife Nutrition. , 2009, , .		156
22	Computer-aided photo-identification system with an application to polar bears based on whisker spot patterns. <i>Journal of Mammalogy</i> , 2010, 91, 1350-1359.	1.3	37
23	Reconstructing the reproductive history of female polar bears using cementum patterns of premolar teeth. <i>Polar Biology</i> , 2010, 33, 115-124.	1.2	25
24	Effects of the North Atlantic Oscillation on sea ice breeding habitats of harp seals (<i>Pagophilus</i>). <i>Overlock</i> 10 Tf 50 582	3.2	19
25	Exposure and effects assessment of persistent organohalogen contaminants in arctic wildlife and fish. <i>Science of the Total Environment</i> , 2010, 408, 2995-3043.	8.0	660
26	High Arctic sea ice conditions influence marine birds wintering in Low Arctic regions. <i>Estuarine, Coastal and Shelf Science</i> , 2010, 89, 97-106.	2.1	23
27	Capture-recapture models with heterogeneity to study survival senescence in the wild. <i>Oikos</i> , 2010, 119, 524-532.	2.7	67
28	Survival and breeding of polar bears in the southern Beaufort Sea in relation to sea ice. <i>Journal of Animal Ecology</i> , 2010, 79, 117-127.	2.8	216
29	The prospects for polar bears. <i>Nature</i> , 2010, 468, 905-906.	27.8	16
31	Predicting survival, reproduction and abundance of polar bears under climate change. <i>Biological Conservation</i> , 2010, 143, 1612-1622.	4.1	180
32	Health effects from long-range transported contaminants in Arctic top predators: An integrated review based on studies of polar bears and relevant model species. <i>Environment International</i> , 2010, 36, 461-491.	10.0	237
33	Reduced body size and cub recruitment in polar bears associated with sea ice decline. <i>Ecological Applications</i> , 2010, 20, 768-782.	3.8	236
34	Comments in response to "Estimating the energetic contribution of polar bear (<i>Ursus maritimus</i>) summer diets to the total energy budget" by Dycck and Kebreab (2009). <i>Journal of Mammalogy</i> , 2010, 91, 1517-1523.	1.3	20
35	Differences in Mercury Bioaccumulation between Polar Bears (<i>Ursus maritimus</i>) from the Canadian high- and sub-Arctic. <i>Environmental Science & Technology</i> , 2011, 45, 5922-5928.	10.0	49
36	Agents of Change in the New North. <i>Eurasian Geography and Economics</i> , 2011, 52, 30-55.	2.6	8
37	Ghosts of Yellowstone: Multi-Decadal Histories of Wildlife Populations Captured by Bones on a Modern Landscape. <i>PLoS ONE</i> , 2011, 6, e18057.	2.5	53
38	Footprints of climate change in the Arctic marine ecosystem. <i>Global Change Biology</i> , 2011, 17, 1235-1249.	9.5	612

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39	Trophic matches and mismatches: can polar bears reduce the abundance of nesting snow geese in western Hudson Bay?. <i>Oikos</i> , 2011, 120, 696-709.	2.7	37
40	Individual patterns of prey selection and dietary specialization in an Arctic marine carnivore. <i>Oikos</i> , 2011, 120, 1469-1478.	2.7	52
41	Temporal change in the morphometryâ€”body mass relationship of polar bears. <i>Journal of Wildlife Management</i> , 2011, 75, 580-587.	1.8	20
42	Conservation and management of Canada's polar bears (<i>Ursus maritimus</i>) in a changing Arctic This review is part of the virtual symposium "Flagship Species"â€”"Flagship Problems" that deals with ecology, biodiversity and management issues, and climate impacts on species at risk and of Canadian importance, including the polar bear (<i>Ursus maritimus</i>), Atlantic cod (<i>Gadus</i>) <i>Canadian Journal of Zoology</i> , 2011, 89, 371-385.	1.0	50
43	Impacts of changing sea-ice conditions on Arctic marine mammals. <i>Marine Biodiversity</i> , 2011, 41, 181-194.	1.0	303
44	Ecological Implications of Changes in the Arctic Cryosphere. <i>Ambio</i> , 2011, 40, 87-99.	5.5	78
45	Sweeping scientific data under a polar bear skin rug: The IUCN and the proposed listing of polar bears under CITES Appendix I. <i>Marine Policy</i> , 2011, 35, 729-731.	3.2	8
46	Polar bear population status in the northern Beaufort Sea, Canada, 1971â€”2006. , 2011, 21, 859-876.		79
47	Predicting climate change impacts on polar bear litter size. <i>Nature Communications</i> , 2011, 2, 186.	12.8	125
48	Climate Savvy. , 2011, , .		21
49	Long-distance swimming by polar bears (<i>Ursus maritimus</i>) of the southern Beaufort Sea during years of extensive open water. <i>Canadian Journal of Zoology</i> , 2012, 90, 663-676.	1.0	84
50	Evaluation of hair cortisol concentration as a biomarker of long-term stress in free-ranging polar bears. <i>Wildlife Society Bulletin</i> , 2012, 36, 747-758.	1.6	77
51	Understanding subarctic wildlife in Eastern James Bay under changing climatic and socio-environmental conditions: bringing together Cree hunters' ecological knowledge and scientific observations. <i>Polar Geography</i> , 2012, 35, 245-270.	1.9	14
52	Recent climate-related terrestrial biodiversity research in Canada's Arctic national parks: review, summary, and management implications. <i>Biodiversity</i> , 2012, 13, 157-173.	1.1	2
54	Time series data for Canadian arctic vertebrates: IPY contributions to science, management, and policy. <i>Climatic Change</i> , 2012, 115, 235-258.	3.6	13
55	Consequences of change and variability in sea ice on marine ecosystem and biogeochemical processes during the 2007â€”2008 Canadian International Polar Year program. <i>Climatic Change</i> , 2012, 115, 135-159.	3.6	24
56	Mapping Human Dimensions of Climate Change Research in the Canadian Arctic. <i>Ambio</i> , 2012, 41, 808-822.	5.5	47
57	A circumpolar monitoring framework for polar bears. <i>Ursus</i> , 2012, 23, 1-66.	0.5	55

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58	Bounding the Southern Hudson Bay polar bear subpopulation. <i>Ursus</i> , 2012, 23, 134-144.	0.5	11
59	Monitoring sea ice habitat fragmentation for polar bear conservation. <i>Animal Conservation</i> , 2012, 15, 397-406.	2.9	53
60	Relative influence of climate variability and direct anthropogenic impact on a sub-tropical Pacific top predator, the Hawaiian monk seal. <i>Marine Ecology - Progress Series</i> , 2012, 469, 175-189.	1.9	19
61	Temporal variations in Hudson Bay ringed seal (<i>Phoca hispida</i>) life-history parameters in relation to environment. <i>Journal of Mammalogy</i> , 2012, 93, 267-281.	1.3	41
62	Effect of resource subsidies on predator-prey population dynamics: a mathematical model. <i>Journal of Biological Dynamics</i> , 2012, 6, 891-922.	1.7	20
63	Hibernation and seasonal fasting in bears: the energetic costs and consequences for polar bears. <i>Journal of Mammalogy</i> , 2012, 93, 1493-1503.	1.3	77
64	Temporal variation in distribution and density of ice-obligated seals in western Hudson Bay, Canada. <i>Polar Biology</i> , 2012, 35, 1105-1117.	1.2	16
65	Climate change and the ecology and evolution of Arctic vertebrates. <i>Annals of the New York Academy of Sciences</i> , 2012, 1249, 166-190.	3.8	162
66	Effects of climate warming on polar bears: a review of the evidence. <i>Global Change Biology</i> , 2012, 18, 2694-2706.	9.5	234
67	A tale of two polar bear populations: ice habitat, harvest, and body condition. <i>Population Ecology</i> , 2012, 54, 3-18.	1.2	94
68	Effects of chemical immobilization on the movement rates of free-ranging polar bears. <i>Journal of Mammalogy</i> , 2013, 94, 386-397.	1.3	28
69	Rapid ecosystem change and polar bear conservation. <i>Conservation Letters</i> , 2013, 6, 368-375.	5.7	70
70	Effects of weather variation on a declining population of Slavonian Grebes <i>Podiceps auritus</i> . <i>Journal of Ornithology</i> , 2013, 154, 995-1006.	1.1	5
71	Terrestrial predation by polar bears: not just a wild goose chase. <i>Polar Biology</i> , 2013, 36, 1373-1379.	1.2	32
72	Variation in detection probability of polar bear maternity dens. <i>Polar Biology</i> , 2013, 36, 1089-1096.	1.2	43
73	Polar Bears: The Fate of an Icon. <i>Topics in Companion Animal Medicine</i> , 2013, 28, 135-142.	0.9	1
74	Advancing plant phenology and reduced herbivore production in a terrestrial system associated with sea ice decline. <i>Nature Communications</i> , 2013, 4, 2514.	12.8	60
75	Future sea ice conditions in Western Hudson Bay and consequences for polar bears in the 21st century. <i>Global Change Biology</i> , 2013, 19, 2675-2687.	9.5	81

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76	What to eat now? Shifts in polar bear diet during the ice-free season in western Hudson Bay. <i>Ecology and Evolution</i> , 2013, 3, 3509-3523.	1.9	111
77	Interactions between chemical and climate stressors: A role for mechanistic toxicology in assessing climate change risks. <i>Environmental Toxicology and Chemistry</i> , 2013, 32, 32-48.	4.3	278
78	The likelihood and potential impact of future change in the large-scale climate-earth system on ecosystem services. <i>Environmental Science and Policy</i> , 2013, 27, S15-S31.	4.9	30
79	Migration phenology and seasonal fidelity of an Arctic marine predator in relation to sea ice dynamics. <i>Journal of Animal Ecology</i> , 2013, 82, 912-921.	2.8	137
80	Temporal variation in western Hudson Bay ringed seal <i>Phoca hispida</i> diet in relation to environment. <i>Marine Ecology - Progress Series</i> , 2013, 481, 269-287.	1.9	52
81	Identifying hidden sinks in growing populations from individual fates and movements: The feral horses of Sable Island. <i>Journal of Wildlife Management</i> , 2013, 77, 1545-1552.	1.8	17
82	Dietary composition and spatial patterns of polar bear foraging on land in western Hudson Bay. <i>BMC Ecology</i> , 2013, 13, 51.	3.0	23
83	Population ecology of polar bears in Davis Strait, Canada and Greenland. <i>Journal of Wildlife Management</i> , 2013, 77, 463-476.	1.8	87
84	A Bayesian Network Modeling Approach to Forecasting the 21st Century Worldwide Status of Polar Bears. <i>Geophysical Monograph Series</i> , 0, , 213-268.	0.1	83
85	Simulating Polar Bear Energetics during a Seasonal Fast Using a Mechanistic Model. <i>PLoS ONE</i> , 2013, 8, e72863.	2.5	36
87	Polar Bears from Space: Assessing Satellite Imagery as a Tool to Track Arctic Wildlife. <i>PLoS ONE</i> , 2014, 9, e101513.	2.5	44
88	Projected Polar Bear Sea Ice Habitat in the Canadian Arctic Archipelago. <i>PLoS ONE</i> , 2014, 9, e113746.	2.5	64
89	Implications of Arctic Sea Ice Decline for the Earth System. <i>Annual Review of Environment and Resources</i> , 2014, 39, 57-89.	13.4	82
90	Spatial behaviour of a keystone Arctic marine predator and implications of climate warming in Hudson Bay. <i>Journal of Experimental Marine Biology and Ecology</i> , 2014, 461, 504-515.	1.5	27
91	Coasts of Foxe Basin, Arctic Canada. <i>Geological Society Special Publication</i> , 2014, 388, 165-198.	1.3	3
92	Place-based climate change adaptation: A critical case study of climate change messaging and collective action in Churchill, Manitoba. <i>Landscape and Urban Planning</i> , 2014, 132, 136-147.	7.5	31
93	Validation of adipose lipid content as a body condition index for polar bears. <i>Ecology and Evolution</i> , 2014, 4, 516-527.	1.9	35
94	Using stable isotopes to understand changes in ringed seal foraging ecology as a response to a warming environment. <i>Marine Mammal Science</i> , 2014, 30, 706-725.	1.8	30

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95	Revisiting Western Hudson Bay: Using aerial surveys to update polar bear abundance in a sentinel population. <i>Biological Conservation</i> , 2014, 170, 38-47.	4.1	77
96	Distribution of endemic cetaceans in relation to hydrocarbon development and commercial shipping in a warming Arctic. <i>Marine Policy</i> , 2014, 44, 375-389.	3.2	116
97	Variation in the response of an Arctic top predator experiencing habitat loss: feeding and reproductive ecology of two polar bear populations. <i>Global Change Biology</i> , 2014, 20, 76-88.	9.5	176
98	Longer ice-free seasons increase the risk of nest depredation by polar bears for colonial breeding birds in the Canadian Arctic. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20133128.	2.6	75
99	Spatio-temporal variability of snow over sea ice in western Hudson Bay, with reference to ringed seal pup survival. <i>Polar Biology</i> , 2014, 37, 817-832.	1.2	23
100	What happened to climate change? CITES and the reconfiguration of polar bear conservation discourse. <i>Global Environmental Change</i> , 2014, 24, 363-372.	7.8	12
101	Arctic sea ice in transformation: A review of recent observed changes and impacts on biology and human activity. <i>Reviews of Geophysics</i> , 2014, 52, 185-217.	23.0	424
103	Polar Regions. , 0, , 1567-1612.		3
104	Identifying polar bear resource selection patterns to inform offshore development in a dynamic and changing Arctic. <i>Ecosphere</i> , 2014, 5, 1-24.	2.2	72
105	Estimating the abundance of the Southern Hudson Bay polar bear subpopulation with aerial surveys. <i>Polar Biology</i> , 2015, 38, 1713-1725.	1.2	47
106	Population substructure and space use of Foxe Basin polar bears. <i>Ecology and Evolution</i> , 2015, 5, 2851-2864.	1.9	14
107	Arctic marine mammal population status, sea ice habitat loss, and conservation recommendations for the 21st century. <i>Conservation Biology</i> , 2015, 29, 724-737.	4.7	327
108	Testing methods for using high-resolution satellite imagery to monitor polar bear abundance and distribution. <i>Wildlife Society Bulletin</i> , 2015, 39, 772-779.	1.6	21
110	Implications of the Circumpolar Genetic Structure of Polar Bears for Their Conservation in a Rapidly Warming Arctic. <i>PLoS ONE</i> , 2015, 10, e112021.	2.5	46
111	The Energetic Value of Land-Based Foods in Western Hudson Bay and Their Potential to Alleviate Energy Deficits of Starving Adult Male Polar Bears. <i>PLoS ONE</i> , 2015, 10, e0128520.	2.5	26
112	Increased Land Use by Chukchi Sea Polar Bears in Relation to Changing Sea Ice Conditions. <i>PLoS ONE</i> , 2015, 10, e0142213.	2.5	109
113	Characterization of polar bear (<i>Ursus maritimus</i>) diets in the Canadian High Arctic. <i>Polar Biology</i> , 2015, 38, 1983-1992.	1.2	31
114	Establishing a definition of polar bear (<i>Ursus maritimus</i>) health: A guide to research and management activities. <i>Science of the Total Environment</i> , 2015, 514, 371-378.	8.0	37

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115	Polar bear population dynamics in the southern Beaufort Sea during a period of sea ice decline. <i>Ecological Applications</i> , 2015, 25, 634-651.	3.8	177
116	Cold truths: how winter drives responses of terrestrial organisms to climate change. <i>Biological Reviews</i> , 2015, 90, 214-235.	10.4	490
117	Home range distribution of polar bears in western Hudson Bay. <i>Polar Biology</i> , 2015, 38, 343-355.	1.2	24
118	Enhanced biological processes associated with alopecia in polar bears (<i>Ursus maritimus</i>). <i>Science of the Total Environment</i> , 2015, 529, 114-120.	8.0	16
119	Shifts in female polar bear (<i>Ursus maritimus</i>) habitat use in East Greenland. <i>Polar Biology</i> , 2015, 38, 879-893.	1.2	70
120	Diet of female polar bears in the southern Beaufort Sea of Alaska: evidence for an emerging alternative foraging strategy in response to environmental change. <i>Polar Biology</i> , 2015, 38, 1035-1047.	1.2	58
121	Can polar bears use terrestrial foods to offset lost ice-based hunting opportunities?. <i>Frontiers in Ecology and the Environment</i> , 2015, 13, 138-145.	4.0	124
122	Gene transcription in polar bears (<i>Ursus maritimus</i>) from disparate populations. <i>Polar Biology</i> , 2015, 38, 1413-1427.	1.2	39
123	Snow, Ice, and the Biosphere. , 2015, , 139-165.		2
124	Forecasting Wildlife Response to Rapid Warming in the Alaskan Arctic. <i>BioScience</i> , 2015, 65, 718-728.	4.9	29
125	Sea-ice indicators of polar bear habitat. <i>Cryosphere</i> , 2016, 10, 2027-2041.	3.9	165
126	Mammal Ecology. , 2016, , 135-151.		1
127	Costs of locomotion in polar bears: when do the costs outweigh the benefits of chasing down terrestrial prey?. , 2016, 4, 40-45.		11
128	Spectral Reflectance of Polar Bear and Other Large Arctic Mammal Pelts; Potential Applications to Remote Sensing Surveys. <i>Remote Sensing</i> , 2016, 8, 273.	4.0	22
129	Comparative assessment of metrics for monitoring the body condition of polar bears in western Hudson Bay. <i>Journal of Zoology</i> , 2016, 300, 45-58.	1.7	27
130	Using simulation to evaluate wildlife survey designs: polar bears and seals in the Chukchi Sea. <i>Royal Society Open Science</i> , 2016, 3, 150561.	2.4	11
131	Barents Sea polar bears (<i>Ursus maritimus</i>): population biology and anthropogenic threats. <i>Polar Research</i> , 2016, 35, 260-29.	1.6	7
133	Dietary habits of polar bears in Foxe Basin, Canada: possible evidence of a trophic regime shift mediated by a new top predator. <i>Ecology and Evolution</i> , 2016, 6, 6005-6018.	1.9	64

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134	Trends in body condition in polar bears (<i>Ursus maritimus</i>) from the Southern Hudson Bay subpopulation in relation to changes in sea ice. <i>Arctic Science</i> , 2016, 2, 15-32.	2.3	100
135	Seasonal habitat selection by adult female polar bears in western Hudson Bay. <i>Population Ecology</i> , 2016, 58, 407-419.	1.2	50
136	Circumpolar contaminant concentrations in polar bears (<i>Ursus maritimus</i>) and potential population-level effects. <i>Environmental Research</i> , 2016, 151, 50-57.	7.5	50
137	Assessing stress in Western Hudson Bay polar bears using hair cortisol concentration as a biomarker. <i>Ecological Indicators</i> , 2016, 71, 47-54.	6.3	21
138	Mass Loss Rates of Fasting Polar Bears. <i>Physiological and Biochemical Zoology</i> , 2016, 89, 377-388.	1.5	69
139	Aerial surveys suggest long-term stability in the seasonally ice-free Foxe Basin (Nunavut) polar bear population. <i>Marine Mammal Science</i> , 2016, 32, 181-201.	1.8	70
140	Demography of an apex predator at the edge of its range: impacts of changing sea ice on polar bears in Hudson Bay. <i>Ecological Applications</i> , 2016, 26, 1302-1320.	3.8	149
141	Forecasting the relative influence of environmental and anthropogenic stressors on polar bears. <i>Ecosphere</i> , 2016, 7, e01370.	2.2	92
142	Habitat-mediated timing of migration in polar bears: an individual perspective. <i>Ecology and Evolution</i> , 2016, 6, 5032-5042.	1.9	18
143	Demographic and traditional knowledge perspectives on the current status of Canadian polar bear subpopulations. <i>Ecology and Evolution</i> , 2016, 6, 2897-2924.	1.9	10
144	Latitudinal variation in ecological opportunity and intraspecific competition indicates differences in niche variability and diet specialization of Arctic marine predators. <i>Ecology and Evolution</i> , 2016, 6, 1666-1678.	1.9	56
145	Migratory response of polar bears to sea ice loss: to swim or not to swim. <i>Ecography</i> , 2017, 40, 189-199.	4.5	90
146	Coping with the loss of large, energy-dense prey: a potential bottleneck for Weddell Seals in the Ross Sea. <i>Ecological Applications</i> , 2017, 27, 10-25.	3.8	17
147	Habitat degradation affects the summer activity of polar bears. <i>Oecologia</i> , 2017, 184, 87-99.	2.0	61
148	Continuous dispersal in a model of predator-prey-subsidy population dynamics. <i>Ecological Modelling</i> , 2017, 354, 115-122.	2.5	14
149	Windscares and olfactory foraging in a large carnivore. <i>Scientific Reports</i> , 2017, 7, 46332.	3.3	48
150	Skillful regional prediction of Arctic sea ice on seasonal timescales. <i>Geophysical Research Letters</i> , 2017, 44, 4953-4964.	4.0	102
151	Increased Arctic sea ice drift alters adult female polar bear movements and energetics. <i>Global Change Biology</i> , 2017, 23, 3460-3473.	9.5	82

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152	Temporal aspects of polar bear (<i>Ursus maritimus</i>) occurrences at field camps in Wapusk National Park, Canada. <i>Polar Biology</i> , 2017, 40, 1661-1670.	1.2	7
153	Sea ice thickness in the Eastern Canadian Arctic: Hudson Bay Complex & Baffin Bay. <i>Remote Sensing of Environment</i> , 2017, 200, 281-294.	11.0	45
154	Polar bear attacks on humans: Implications of a changing climate. <i>Wildlife Society Bulletin</i> , 2017, 41, 537-547.	1.6	75
155	Temporal complexity of southern <scp>B</scp>eaufort <scp>S</scp>ea polar bear diets during a period of increasing land use. <i>Ecosphere</i> , 2017, 8, e01633.	2.2	41
156	Increasing nest predation will be insufficient to maintain polar bear body condition in the face of sea ice loss. <i>Global Change Biology</i> , 2017, 23, 1821-1831.	9.5	27
157	Evaluating methods to assess the body condition of female polar bears. <i>Ursus</i> , 2017, 28, 171-181.	0.5	9
158	The number and distribution of polar bears in the western Barents Sea. <i>Polar Research</i> , 2017, 36, 1374125.	1.6	64
159	Zoological Response to Climate Change in the Pacific Arctic Waters of Alaska. , 2017, , .		0
160	A pilot(less) study on the use of an unmanned aircraft system for studying polar bears (<i>Ursus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 422	1.2	32
161	Decreasing sea ice conditions in western Hudson Bay and an increase in abundance of harbour seals (<i>Phoca vitulina</i>) in the Churchill River. <i>Polar Biology</i> , 2018, 41, 1187-1195.	1.2	10
162	Arctic Marine Mammals. , 2018, , 34-40.		2
163	Reduced probability of ice-free summers for 1.5â€™°C compared to 2â€™°C warming. <i>Nature Climate Change</i> , 2018, 8, 409-413.	18.8	80
164	Spring fasting behavior in a marine apex predator provides an index of ecosystem productivity. <i>Global Change Biology</i> , 2018, 24, 410-423.	9.5	72
165	Identifying shifts in maternity den phenology and habitat characteristics of polar bears (<i>Ursus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 56	1.2	56
166	Persistent Organic Pollutant Burden, Experimental POP Exposure, and Tissue Properties Affect Metabolic Profiles of Blubber from Gray Seal Pups. <i>Environmental Science & Technology</i> , 2018, 52, 13523-13534.	10.0	21
167	Hierarchical Bayesian model reveals the distributional shifts of Arctic marine mammals. <i>Diversity and Distributions</i> , 2018, 24, 1381-1394.	4.1	17
168	Re-assessing abundance of Southern Hudson Bay polar bears by aerial survey: effects of climate change at the southern edge of the range. <i>Arctic Science</i> , 2018, 4, 634-655.	2.3	55
169	Polar bear research: has science helped management and conservation?. <i>Environmental Reviews</i> , 2018, 26, 358-368.	4.5	9

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170	Assessment of global polar bear abundance and vulnerability. <i>Animal Conservation</i> , 2019, 22, 83-95.	2.9	21
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