

# Stan A Boutin

## List of Publications by Year in descending order

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Version: 2024-02-01

344  
papers

20,488  
citations

9264

74  
h-index

17592

121  
g-index

363  
all docs

363  
docs citations

363  
times ranked

12329  
citing authors

#	ARTICLE	IF	CITATIONS
1	Social Effects on Annual Fitness in Red Squirrels. <i>Journal of Heredity</i> , 2022, 113, 69-78.	2.4	5
2	Resource exploitation efficiency collapses the home range of an apex predator. <i>Ecology</i> , 2022, 103, e3642.	3.2	16
3	Activity, heart rate, and energy expenditure of a cold-climate mesocarnivore, the Canada lynx ( <i>Lynx</i> ). <i>Journal of Animal Ecology</i> , 2022, 91, 1078-1091.	10.0	14
4	Balancing food acquisition and predation risk drives demographic changes in snowshoe hare population cycles. <i>Ecology Letters</i> , 2022, 25, 981-991.	6.4	11
5	Glucocorticoids coordinate changes in gut microbiome composition in wild North American red squirrels. <i>Scientific Reports</i> , 2022, 12, 2605.	3.3	14
6	A method for marking individual animals in motion-triggered camera studies. <i>Mammalian Biology</i> , 2022, 102, 841-845.	1.5	3
7	MASTREE+: Time-series of plant reproductive effort from six continents. <i>Global Change Biology</i> , 2022, 28, 3066-3082.	9.5	19
8	Indigenous-led conservation: Pathways to recovery for the nearly extirpated Kline mountain caribou. <i>Ecological Applications</i> , 2022, 32, e2581.	3.8	24
9	Applying and testing a novel method to estimate animal density from motion-triggered cameras. <i>Ecosphere</i> , 2022, 13, .	2.2	9
10	Genetic variance in fitness indicates rapid contemporary adaptive evolution in wild animals. <i>Science</i> , 2022, 376, 1012-1016.	12.6	69
11	Animal personality: a comparison of standardized assays and focal observations in North American red squirrels. <i>Animal Behaviour</i> , 2022, 190, 221-232.	1.9	2
12	Evaluating the Mechanisms of Landscape Change on White-tailed Deer Populations. <i>Journal of Wildlife Management</i> , 2021, 85, 340-353.	1.8	21
13	Familiar Neighbors, but Not Relatives, Enhance Fitness in a Territorial Mammal. <i>Current Biology</i> , 2021, 31, 438-445.e3.	3.9	33
14	Contribution of late-litter juveniles to the population dynamics of snowshoe hares. <i>Oecologia</i> , 2021, 195, 949-957.	2.0	2
15	Selective disappearance does not underlie age-related changes in trait repeatability in red squirrels. <i>Behavioral Ecology</i> , 2021, 32, 306-315.	2.2	4
16	Habitat loss accelerates for the endangered woodland caribou in western Canada. <i>Conservation Science and Practice</i> , 2021, 3, e437.	2.0	35
17	The Purrfect Catch: Using accelerometers and audio recorders to document kill rates and hunting behaviour of a small prey specialist. <i>Methods in Ecology and Evolution</i> , 2021, 12, 1277-1287.	5.2	28
18	Maternal glucocorticoids have minimal effects on HPA axis activity and behavior of juvenile wild North American red squirrels. <i>Journal of Experimental Biology</i> , 2021, 224, .	1.7	7

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19	An independent experiment does not support stress-mediated kin discrimination through red squirrel vocalizations. <i>Animal Behaviour</i> , 2021, 176, 185-192.	1.9	0
20	Food availability and long-term predation risk interactively affect antipredator response. <i>Ecology</i> , 2021, 102, e03456.	3.2	9
21	The impact of variable predation risk on stress in snowshoe hares over the cycle in North America's boreal forest: adjusting to change. <i>Oecologia</i> , 2021, 197, 71-88.	2.0	11
22	Vertebrate scavenging dynamics differ between carnivore and herbivore carcasses in the northern boreal forest. <i>Ecosphere</i> , 2021, 12, e03691.	2.2	5
23	A Burning Question: What are the Implications of Forest Fires for Woodland Caribou?. <i>Journal of Wildlife Management</i> , 2021, 85, 1685-1698.	1.8	10
24	Trophic consequences of terrestrial eutrophication for a threatened ungulate. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20202811.	2.6	29
25	Demographic responses of a threatened, low-density ungulate to annual variation in meteorological and phenological conditions. <i>PLoS ONE</i> , 2021, 16, e0258136.	2.5	8
26	Density estimates for Canada lynx vary among estimation methods. <i>Ecosphere</i> , 2021, 12, e03774.	2.2	13
27	Evaluation of Gumline Recession for Aging Lynx ( <i>Lynx canadensis</i> ). <i>Wildlife Society Bulletin</i> , 2021, 45, 706-710.	0.8	2
28	Maternal glucocorticoids promote offspring growth without inducing oxidative stress or shortening telomeres in wild red squirrels. <i>Journal of Experimental Biology</i> , 2020, 223, .	1.7	13
29	Conservation triage at the trailing edge of climate envelopes. <i>Conservation Biology</i> , 2020, 34, 289-292.	4.7	21
30	Demography of snowshoe hare population cycles. <i>Ecology</i> , 2020, 101, e02969.	3.2	15
31	The new kid on the block: immigrant males win big whereas females pay fitness cost after dispersal. <i>Ecology Letters</i> , 2020, 23, 430-438.	6.4	26
32	Predicting the effects of restoring linear features on woodland caribou populations. <i>Ecological Modelling</i> , 2020, 416, 108891.	2.5	24
33	Prey availability and ambient temperature influence carrion persistence in the boreal forest. <i>Journal of Animal Ecology</i> , 2020, 89, 2156-2167.	2.8	20
34	Attentive red squirrel mothers have faster growing pups and higher lifetime reproductive success. <i>Behavioral Ecology and Sociobiology</i> , 2020, 74, 1.	1.4	34
35	Sex- and context-specific associations between personality and a measure of fitness but no link with life history traits. <i>Animal Behaviour</i> , 2020, 167, 23-39.	1.9	11
36	Body temperature, heart rate, and activity patterns of two boreal homeotherms in winter: Homeostasis, allostasis, and ecological coexistence. <i>Functional Ecology</i> , 2020, 34, 2292-2301.	3.6	19

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37	WildLift™: An Open-Source Tool to Guide Decisions for Wildlife Conservation. <i>Frontiers in Ecology and Evolution</i> , 2020, 8, .	2.2	7
38	There's a storm a'coming: Ecological resilience and resistance to extreme weather events. <i>Ecology and Evolution</i> , 2020, 10, 12147-12156.	1.9	21
39	Decoupling the effects of food and density on life-history plasticity of wild animals using field experiments: Insights from the steward who sits in the shadow of its tail, the North American red squirrel. <i>Journal of Animal Ecology</i> , 2020, 89, 2397-2414.	2.8	27
40	Climate change increases predation risk for a keystone species of the boreal forest. <i>Nature Climate Change</i> , 2020, 10, 1149-1153.	18.8	42
41	Ecological insights from three decades of animal movement tracking across a changing Arctic. <i>Science</i> , 2020, 370, 712-715.	12.6	75
42	Territory acquisition mediates the influence of predators and climate on juvenile red squirrel survival. <i>Journal of Animal Ecology</i> , 2020, 89, 1408-1418.	2.8	16
43	Random Encounter and Staying Time Model Testing with Human Volunteers. <i>Journal of Wildlife Management</i> , 2020, 84, 1179-1184.	1.8	7
44	Error in trapper-reported sex of lynx ( <i>Lynx canadensis</i> ) and wolverine ( <i>Gulo gulo</i> ): implications for analyses of harvest records. <i>European Journal of Wildlife Research</i> , 2020, 66, 1.	1.4	4
45	Optimisation of energetic and reproductive gains explains behavioural responses to environmental variation across seasons and years. <i>Ecology Letters</i> , 2020, 23, 841-850.	6.4	18
46	Acoustic vs. photographic monitoring of gray wolves ( <i>Canis lupus</i> ): a methodological comparison of two passive monitoring techniques. <i>Canadian Journal of Zoology</i> , 2020, 98, 219-228.	1.0	12
47	Hair cortisol as a reliable indicator of stress physiology in the snowshoe hare: Influence of body region, sex, season, and predator-prey population dynamics. <i>General and Comparative Endocrinology</i> , 2020, 294, 113471.	1.8	9
48	Comparison of pre-fire and post-fire space use reveals varied responses by woodland caribou ( <i>Rangifer tarandus caribou</i> ) in the Boreal Shield. <i>Canadian Journal of Zoology</i> , 2020, 98, 751-760.	1.0	8
49	Experimental Increases in Glucocorticoids Alter Function of the HPA Axis in Wild Red Squirrels without Negatively Impacting Survival and Reproduction. <i>Physiological and Biochemical Zoology</i> , 2019, 92, 445-458.	1.5	11
50	Individual variation in phenotypic plasticity of the stress axis. <i>Biology Letters</i> , 2019, 15, 20190260.	2.3	28
51	Moose, caribou, and fire: have we got it right yet?. <i>Canadian Journal of Zoology</i> , 2019, 97, 866-879.	1.0	22
52	Stress activity is not predictive of coping style in North American red squirrels. <i>Behavioral Ecology and Sociobiology</i> , 2019, 73, 1.	1.4	16
53	Modelling Lichen Abundance for Woodland Caribou in a Fire-Driven Boreal Landscape. <i>Forests</i> , 2019, 10, 962.	2.1	17
54	Experimental increase in predation risk causes a cascading stress response in free-ranging snowshoe hares. <i>Oecologia</i> , 2019, 191, 311-323.	2.0	14

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55	Behavioral classification of low-frequency acceleration and temperature data from a free-ranging small mammal. <i>Ecology and Evolution</i> , 2019, 9, 619-630.	1.9	31
56	Use of Acceleration and Acoustics to Classify Behavior, Generate Time Budgets, and Evaluate Responses to Moonlight in Free-Ranging Snowshoe Hares. <i>Frontiers in Ecology and Evolution</i> , 2019, 7, .	2.2	31
57	Impact of climate change on the small mammal community of the Yukon boreal forest. <i>Integrative Zoology</i> , 2019, 14, 528-541.	2.6	33
58	Genetic tagging in the Anthropocene: scaling ecology from alleles to ecosystems. <i>Ecological Applications</i> , 2019, 29, e01876.	3.8	34
59	Saving endangered species using adaptive management. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 6181-6186.	7.1	95
60	Social effects of territorial neighbours on the timing of spring breeding in North American red squirrels. <i>Journal of Evolutionary Biology</i> , 2019, 32, 559-571.	1.7	20
61	The effects of stress and glucocorticoids on vocalizations: a test in North American red squirrels. <i>Behavioral Ecology</i> , 2019, 30, 1030-1040.	2.2	6
62	North American red squirrels mitigate costs of territory defence through social plasticity. <i>Animal Behaviour</i> , 2019, 151, 29-42.	1.9	22
63	Seed Masting Causes Fluctuations in Optimum Litter Size and Lag Load in a Seed Predator. <i>American Naturalist</i> , 2019, 194, 574-589.	2.1	24
64	Indirect effects on fitness between individuals that have never met via an extended phenotype. <i>Ecology Letters</i> , 2019, 22, 697-706.	6.4	24
65	Slowing down wolves to protect boreal caribou populations: a spatial simulation model of linear feature restoration. <i>Ecosphere</i> , 2019, 10, e02904.	2.2	16
66	Density-dependent space use affects interpretation of camera trap detection rates. <i>Ecology and Evolution</i> , 2019, 9, 14031-14041.	1.9	43
67	Phenological shifts in North American red squirrels: disentangling the roles of phenotypic plasticity and microevolution. <i>Journal of Evolutionary Biology</i> , 2018, 31, 810-821.	1.7	26
68	Economic analysis of threatened species conservation: The case of woodland caribou and oilsands development in Alberta, Canada. <i>Journal of Environmental Management</i> , 2018, 218, 103-117.	7.8	6
69	Hunger makes apex predators do risky things. <i>Journal of Animal Ecology</i> , 2018, 87, 530-532.	2.8	6
70	Animal movement affects interpretation of occupancy models from camera-trap surveys of unmarked animals. <i>Ecosphere</i> , 2018, 9, e02092.	2.2	81
71	Effects of habitat quality and access management on the density of a recovering grizzly bear population. <i>Journal of Applied Ecology</i> , 2018, 55, 1406-1417.	4.0	81
72	Sexually selected infanticide by male red squirrels in advance of a mast year. <i>Ecology</i> , 2018, 99, 1242-1244.	3.2	12

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73	Using experimentation to understand the 10-year snowshoe hare cycle in the boreal forest of North America. <i>Journal of Animal Ecology</i> , 2018, 87, 87-100.	2.8	69
74	Snow conditions influence grey wolf ( <i>Canis lupus</i> ) travel paths: the effect of human-created linear features. <i>Canadian Journal of Zoology</i> , 2018, 96, 39-47.	1.0	23
75	Nowhere to hide: Effects of linear features on predator-prey dynamics in a large mammal system. <i>Journal of Animal Ecology</i> , 2018, 87, 274-284.	2.8	102
76	Impact of rewilding, species introductions and climate change on the structure and function of the Yukon boreal forest ecosystem. <i>Integrative Zoology</i> , 2018, 13, 123-138.	2.6	15
77	Individual variation in the dear enemy phenomenon via territorial vocalizations in red squirrels. <i>Behaviour</i> , 2018, 155, 1073-1096.	0.8	3
78	The calm during the storm: Snowfall events decrease the movement rates of grey wolves ( <i>Canis lupus</i> ) in the Yukon. <i>Journal of Animal Ecology</i> , 2018, 87, 1073-1096.	2.8	12
79	Is biasing offspring sex ratio adaptive? A test of Fisher's principle across multiple generations of a wild mammal in a fluctuating environment. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20181251.	2.6	3
80	Scavenging By Snowshoe Hares ( <i>Lepus americanus</i> ) In Yukon, Canada. <i>Northwestern Naturalist</i> , 2018, 99, 232-235.	0.4	14
81	Quantifying fear effects on prey demography in nature. <i>Ecology</i> , 2018, 99, 1716-1723.	3.2	41
82	Faster and farther: wolf movement on linear features and implications for hunting behaviour. <i>Journal of Applied Ecology</i> , 2017, 54, 253-263.	4.0	203
83	Using playback of territorial calls to investigate mechanisms of kin discrimination in red squirrels. <i>Behavioral Ecology</i> , 2017, 28, 382-390.	2.2	7
84	Surviving winter: Food, but not habitat structure, prevents crashes in cyclic vole populations. <i>Ecology and Evolution</i> , 2017, 7, 115-124.	1.9	45
85	Multilevel and sex-specific selection on competitive traits in North American red squirrels. <i>Evolution; International Journal of Organic Evolution</i> , 2017, 71, 1841-1854.	2.3	39
86	Improving the assessment of predator functional responses by considering alternate prey and predator interactions. <i>Ecology</i> , 2017, 98, 1787-1796.	3.2	31
87	Fitness consequences of peak reproductive effort in a resource pulse system. <i>Scientific Reports</i> , 2017, 7, 9335.	3.3	16
88	Familiarity with neighbours affects intrusion risk in territorial red squirrels. <i>Animal Behaviour</i> , 2017, 133, 11-20.	1.9	32
89	Evaluating functional recovery of habitat for threatened woodland caribou. <i>Ecosphere</i> , 2017, 8, e01936.	2.2	41
90	Human disturbance alters the predation rate of moose in the Athabasca oil sands. <i>Ecosphere</i> , 2017, 8, e01913.	2.2	6

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91	When the ball is in the female's court: How the scramble-competition mating system of the North American red squirrel has shaped male physiology and testosterone dynamics. <i>General and Comparative Endocrinology</i> , 2017, 252, 162-172.	1.8	7
92	Predicting white spruce cone crops in the boreal forests of southern and central Yukon. <i>Canadian Journal of Forest Research</i> , 2017, 47, 47-52.	1.7	14
93	Comparing population growth rates between census and recruitment-mortality models. <i>Journal of Wildlife Management</i> , 2017, 81, 297-305.	1.8	13
94	Forbidden fruit: human settlement and abundant fruit create an ecological trap for an apex omnivore. <i>Journal of Animal Ecology</i> , 2017, 86, 55-65.	2.8	98
95	To Everything There Is a Season: Summer-to-Winter Food Webs and the Functional Traits of Keystone Species. <i>Integrative and Comparative Biology</i> , 2017, 57, 961-976.	2.0	32
96	Personality is correlated with natal dispersal in North American red squirrels ( <i>Tamiasciurus</i> ) <small>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 542 Td</small>	0.8	35
97	Red squirrel territorial vocalizations deter intrusions by conspecific rivals. <i>Behaviour</i> , 2017, 154, 1259-1273.	0.8	28
98	Seasonal, spatial, and maternal effects on gut microbiome in wild red squirrels. <i>Microbiome</i> , 2017, 5, 163.	11.1	148
99	Experimental moose reduction lowers wolf density and stops decline of endangered caribou. <i>PeerJ</i> , 2017, 5, e3736.	2.0	52
100	Why Do the Boreal Forest Ecosystems of Northwestern Europe Differ from Those of Western North America?. <i>BioScience</i> , 2016, 66, 722-734.	4.9	70
101	Climate change is the primary driver of white-tailed deer ( <i>Odocoileus virginianus</i> ) range expansion at the northern extent of its range; land use is secondary. <i>Ecology and Evolution</i> , 2016, 6, 6435-6451.	1.9	87
102	Spatial Patterning of Prey at Reproduction to Reduce Predation Risk: What Drives Dispersion from Groups?. <i>American Naturalist</i> , 2016, 187, 678-687.	2.1	12
103	Mesocarnivores respond to fine-grain habitat structure in a mosaic landscape comprised by commercial forest plantations in southern Chile. <i>Forest Ecology and Management</i> , 2016, 369, 135-143.	3.2	41
104	Nest attendance of lactating red squirrels ( <i>Tamiasciurus hudsonicus</i> ): influences of biological and environmental correlates. <i>Journal of Mammalogy</i> , 2016, 97, 806-814.	1.3	16
105	Testing predator-prey theory using broad-scale manipulations and independent validation. <i>Journal of Animal Ecology</i> , 2015, 84, 1600-1609.	2.8	15
106	Data and information management for the monitoring of biodiversity in Alberta. <i>Wildlife Society Bulletin</i> , 2015, 39, 472-479.	1.6	7
107	The nature of nurture in a wild mammal's fitness. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20142422.	2.6	26
108	Changes in wild red squirrel personality across ontogeny: activity and aggression regress towards the mean. <i>Behaviour</i> , 2015, 152, 1291-1306.	0.8	29

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109	Daily energy expenditure during lactation is strongly selected in a free-living mammal. <i>Functional Ecology</i> , 2015, 29, 195-208.	3.6	14
110	Reply to the comment by Harron on "Widespread declines in woodland caribou ( <i>Rangifer tarandus</i> )". <i>Overlook</i> 1	1.0	2
111	Addendum to "Managing wolves ( <i>Canis lupus</i> ) to recover threatened woodland caribou ( <i>Rangifer</i> )". <i>Overlook</i> 1	1.0	15
112	Using Predator-Prey Theory to Predict Outcomes of Broadscale Experiments to Reduce Apparent Competition. <i>American Naturalist</i> , 2015, 185, 665-679.	2.1	59
113	Limited impacts of extensive human land use on dominance, specialization, and biotic homogenization in boreal plant communities. <i>BMC Ecology</i> , 2015, 15, 5.	3.0	9
114	REVIEW: Wildlife camera trapping: a review and recommendations for linking surveys to ecological processes. <i>Journal of Applied Ecology</i> , 2015, 52, 675-685.	4.0	791
115	Red squirrels use territorial vocalizations for kin discrimination. <i>Animal Behaviour</i> , 2015, 107, 79-85.	1.9	27
116	Post-weaning parental care increases fitness but is not heritable in North American red squirrels. <i>Journal of Evolutionary Biology</i> , 2015, 28, 1203-1212.	1.7	24
117	Predators, energetics and fitness drive neonatal reproductive failure in red squirrels. <i>Journal of Animal Ecology</i> , 2015, 84, 249-259.	2.8	22
118	American Marten Respond to Seismic Lines in Northern Canada at Two Spatial Scales. <i>PLoS ONE</i> , 2015, 10, e0118720.	2.5	24
119	Scaling Disturbance Instead of Richness to Better Understand Anthropogenic Impacts on Biodiversity. <i>PLoS ONE</i> , 2015, 10, e0125579.	2.5	8
120	Influence of In-Situ Oil Sands Development on Caribou ( <i>Rangifer tarandus</i> ) Movement. <i>PLoS ONE</i> , 2015, 10, e0136933.	2.5	20
121	Diurnal Human Activity and Introduced Species Affect Occurrence of Carnivores in a Human-Dominated Landscape. <i>PLoS ONE</i> , 2015, 10, e0137854.	2.5	37
122	Can Occupancy "Abundance" Models Be Used to Monitor Wolf Abundance?. <i>PLoS ONE</i> , 2014, 9, e102982.	2.5	14
123	Managing wolves ( <i>Canis lupus</i> ) to recover threatened woodland caribou ( <i>Rangifer tarandus caribou</i> ) in Alberta. <i>Canadian Journal of Zoology</i> , 2014, 92, 1029-1037.	1.0	98
124	Climate change and mammals: evolutionary versus plastic responses. <i>Evolutionary Applications</i> , 2014, 7, 29-41.	3.1	138
125	Very low levels of direct additive genetic variance in fitness and fitness components in a red squirrel population. <i>Ecology and Evolution</i> , 2014, 4, 1729-1738.	1.9	43
126	What factors determine cyclic amplitude in the snowshoe hare ( <i>Lepus americanus</i> ) cycle?. <i>Canadian Journal of Zoology</i> , 2014, 92, 1039-1048.	1.0	20



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127	Reproductive phenology of a food-hoarding mast-seed consumer: resource- and density-dependent benefits of early breeding in red squirrels. <i>Oecologia</i> , 2014, 174, 777-788.	2.0	41
128	A framework for adaptive monitoring of the cumulative effects of human footprint on biodiversity. <i>Environmental Monitoring and Assessment</i> , 2014, 186, 3605-3617.	2.7	54
129	Black bear use of seismic lines in Northern Canada. <i>Journal of Wildlife Management</i> , 2014, 78, 282-292.	1.8	51
130	Selection on female behaviour fluctuates with offspring environment. <i>Journal of Evolutionary Biology</i> , 2014, 27, 2308-2321.	1.7	31
131	Light loggers reveal weather-driven changes in the daily activity patterns of arboreal and semifossorial rodents. <i>Journal of Mammalogy</i> , 2014, 95, 1230-1239.	1.3	43
132	Influence of climate and human land use on the distribution of white-tailed deer ( <i>Odocoileus</i> ) in the Pacific Northwest. <i>Journal of Wildlife Management</i> , 2014, 78, 1070-1079.	1.0	60
133	Trophic Dynamics of the Boreal Forests of the Kluane Region. <i>Arctic</i> , 2014, 67, 71.	0.4	31
134	Linking intraspecific variation in territory size, cone supply, and survival of North American red squirrels. <i>Journal of Mammalogy</i> , 2013, 94, 1048-1058.	1.3	40
135	Is accurate location information necessary for repeatability in field-based ecology?. <i>Frontiers in Ecology and the Environment</i> , 2013, 11, 178-178.	4.0	2
136	Reproductive timing and reliance on hoarded capital resources by lactating red squirrels. <i>Oecologia</i> , 2013, 173, 1203-1215.	2.0	51
137	Communal nesting in an "asocial" mammal: social thermoregulation among spatially dispersed kin. <i>Behavioral Ecology and Sociobiology</i> , 2013, 67, 757-763.	1.4	35
138	Synchrony in the snowshoe hare ( <i>Lepus americanus</i> ) cycle in northwestern North America, 1970-2012. <i>Canadian Journal of Zoology</i> , 2013, 91, 562-572.	1.0	32
139	Anticipatory reproduction in squirrels can succeed in the absence of extra food. <i>New Zealand Journal of Zoology</i> , 2013, 40, 337-339.	1.1	10
140	Widespread declines in woodland caribou ( <i>Rangifer tarandus caribou</i> ) continue in Alberta. <i>Canadian Journal of Zoology</i> , 2013, 91, 872-882.	1.0	113
141	Sex-specific hoarding behavior in North American red squirrels ( <i>Tamiasciurus hudsonicus</i> ). <i>Journal of Mammalogy</i> , 2013, 94, 761-770.	1.3	12
142	Density Triggers Maternal Hormones That Increase Adaptive Offspring Growth in a Wild Mammal. <i>Science</i> , 2013, 340, 1215-1217.	12.6	336
143	Economic and Ecological Outcomes of Flexible Biodiversity Offset Systems. <i>Conservation Biology</i> , 2013, 27, 1313-1323.	4.7	49
144	Wolves, white-tailed deer, and beaver: implications of seasonal prey switching for woodland caribou declines. <i>Ecography</i> , 2013, 36, 1276-1290.	4.5	86

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145	Inferring parturition and neonate survival from movement patterns of female ungulates: a case study using woodland caribou. <i>Ecology and Evolution</i> , 2013, 3, 4149-4160.	1.9	82
146	Spatial relationships of sympatric wolves ( <i>Canis lupus</i> ) and coyotes ( <i>C. latrans</i> ) with woodland caribou ( <i>Rangifer tarandus caribou</i> ) during the calving season in a human-modified boreal landscape. <i>Wildlife Research</i> , 2013, 40, 250.	1.4	22
147	Territorial defence behaviour in red squirrels is influenced by local density. <i>Behaviour</i> , 2012, 149, 369-390.	0.8	23
148	Winter severity index using widely available weather information. <i>Wildlife Research</i> , 2012, 39, 321.	1.4	7
149	Within-Season Synchrony of a Masting Conifer Enhances Seed Escape. <i>American Naturalist</i> , 2012, 179, 536-544.	2.1	28
150	Factors associated with long-term changes in distribution of black-tailed prairie dogs in northwestern Mexico. <i>Biological Conservation</i> , 2012, 145, 54-61.	4.1	9
151	OXIDATIVE DAMAGE INCREASES WITH REPRODUCTIVE ENERGY EXPENDITURE AND IS REDUCED BY FOOD-SUPPLEMENTATION. <i>Evolution; International Journal of Organic Evolution</i> , 2012, 67, no-no.	2.3	78
152	Why are caribou declining in the oil sands?. <i>Frontiers in Ecology and the Environment</i> , 2012, 10, 65-67.	4.0	44
153	Climatic determinants of white spruce cone crops in the boreal forest of southwestern Yukon. <i>Botany</i> , 2012, 90, 113-119.	1.0	41
154	Regional boreal biodiversity peaks at intermediate human disturbance. <i>Nature Communications</i> , 2012, 3, 1142.	12.8	53
155	Selection of Reserves for Woodland Caribou Using an Optimization Approach. <i>PLoS ONE</i> , 2012, 7, e31672.	2.5	15
156	Behavioral responses of territorial red squirrels to natural and experimental variation in population density. <i>Behavioral Ecology and Sociobiology</i> , 2012, 66, 865-878.	1.4	65
157	Seasonal stage differences overwhelm environmental and individual factors as determinants of energy expenditure in free-ranging red squirrels. <i>Functional Ecology</i> , 2012, 26, 677-687.	3.6	40
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160	Low heritabilities, but genetic and maternal correlations between red squirrel behaviours. <i>Journal of Evolutionary Biology</i> , 2012, 25, 614-624.	1.7	83
161	Conservation of caribou ( <i>Rangifer tarandus</i> ) in Canada: an uncertain future <sup>1</sup> This review is part of the virtual symposium "Flagship Species" "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 morhua</i> ), Piping Plover ( <i>Charadrius melodus</i> ), and caribou ( <i>Rangifer tarandus</i> ). <i>Canadian Journal of Zoology</i> , 2011, 89, 419-434.	1.0	326
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167	Maternal androgens and behaviour in free-ranging North American red squirrels. <i>Animal Behaviour</i> , 2011, 81, 469-479.	1.9	25
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178	Predator-mediated Allee effects in multi-prey systems. <i>Ecology</i> , 2010, 91, 286-292.	3.2	69
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180	Dynamic wildlife habitat models: Seasonal foods and mortality risk predict occupancy-abundance and habitat selection in grizzly bears. <i>Biological Conservation</i> , 2010, 143, 1623-1634.	4.1	152

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182	Planning forwards: biodiversity research and monitoring systems for better management. <i>Trends in Ecology and Evolution</i> , 2010, 25, 199-200.	8.7	33
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