

# Mark S Boyce

## List of Publications by Year in descending order

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Version: 2024-02-01

247  
papers

25,211  
citations

8755

75  
h-index

7950

149  
g-index

253  
all docs

253  
docs citations

253  
times ranked

16041  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Monitoring sitatunga ( <i>Tragelaphus spekii</i> ) populations using camera traps. African Journal of Ecology, 2022, 60, 377-385.  | 0.9 | 1         |
| 2  | Evaluating expert-based habitat suitability information of terrestrial mammals with GPS-tracking data. Global Ecology and Biogeography, 2022, 31, 1526-1541.               | 5.8 | 6         |
| 3  | Limited impacts of adaptive multi-paddock grazing systems on plant diversity in the Northern Great Plains. Journal of Applied Ecology, 2022, 59, 1734-1744.                | 4.0 | 1         |
| 4  | The smell of success: Reproductive success related to rub behavior in brown bears. PLoS ONE, 2021, 16, e0247964.   | 2.5 | 12        |
| 5  | Aligning population models with data: Adaptive management for big game harvests. Global Ecology and Conservation, 2021, 26, e01501.  | 2.1 | 2         |
| 6  | Predation landscapes influence migratory prey ecology and evolution. Trends in Ecology and Evolution, 2021, 36, 737-749.   | 8.7 | 23        |
| 7  | Comparative Pasture Management on Canadian Cattle Ranches With and Without Adaptive Multipaddock Grazing. Rangeland Ecology and Management, 2021, 78, 5-14.                | 2.3 | 15        |
| 8  | Soil greenhouse gas emissions and grazing management in northern temperate grasslands. Science of the Total Environment, 2021, 796, 148975.                                | 8.0 | 16        |
| 9  | Adaptive multi-paddock grazing improves water infiltration in Canadian grassland soils. Geoderma, 2021, 401, 115314.   | 5.1 | 20        |
| 10 | Integrating livestock management and telemetry data to assess disease transmission risk between wildlife and livestock. Preventive Veterinary Medicine, 2020, 174, 104846. | 1.9 | 4         |
| 11 | Population density of sitatunga in riverine wetland habitats. Global Ecology and Conservation, 2020, 24, e01212.   | 2.1 | 11        |
| 12 | Cougar roadside habitat selection: Incorporating topography and traffic. Global Ecology and Conservation, 2020, 23, e01186.  | 2.1 | 2         |
| 13 | Adaptive Multi-Paddock Grazing Lowers Soil Greenhouse Gas Emission Potential by Altering Extracellular Enzyme Activity. Agronomy, 2020, 10, 1781.                          | 3.0 | 15        |
| 14 | Beaver ( <i>Castor canadensis</i> ) use of borrow pits in an industrial landscape in northwestern Alberta. Journal of Environmental Management, 2020, 269, 110800.         | 7.8 | 1         |
| 15 | Mine reclamation enhances habitats for wild ungulates in west-central Alberta. Restoration Ecology, 2020, 28, 828-840.   | 2.9 | 7         |
| 16 | Response of barren-ground caribou to advancing spring phenology. Oecologia, 2020, 192, 837-852.  | 2.0 | 21        |
| 17 | Trappings of Success: Predator Removal for Duck Nest Survival in Alberta Parklands. Diversity, 2020, 12, 119.  | 1.7 | 4         |
| 18 | American black bear population fragmentation detected with pedigrees in the transborder Canada–United States region. Ursus, 2020, 2020, 1.                                 | 0.5 | 39        |

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|----|--|------|-----------|
| 19 | The Importance of Environmental Variability and Transient Population Dynamics for a Northern Ungulate. <i>Frontiers in Ecology and Evolution</i> , 2020, 8, .                        | 2.2  | 7         |
| 20 | American Black Bear ( <i>Ursus americanus</i> ). , 2020, , 122-138.  |      | 7         |
| 21 | Conservation Reserve Program is a key element for managing white-tailed deer populations at multiple spatial scales. <i>Journal of Environmental Management</i> , 2019, 248, 109299. | 7.8  | 9         |
| 22 | Conservation of the world's mammals: status, protected areas, community efforts, and hunting. <i>Journal of Mammalogy</i> , 2019, 100, 923-941.                                      | 1.3  | 38        |
| 23 | Prioritization of landscape connectivity for the conservation of Peary caribou. <i>Ecology and Evolution</i> , 2019, 9, 2189-2205.   | 1.9  | 13        |
| 24 | Land tenure shapes black bear density and abundance on a multi-use landscape. <i>Ecology and Evolution</i> , 2019, 9, 73-89.   | 1.9  | 49        |
| 25 | Grizzly bear response to spatio-temporal variability in human recreational activity. <i>Journal of Applied Ecology</i> , 2019, 56, 375-386.  | 4.0  | 63        |
| 26 | Mountain sheep management must use representative data: A reply to Festa-Bianchet (2019). <i>Journal of Wildlife Management</i> , 2019, 83, 9-11.                                    | 1.8  | 1         |
| 27 | Roads elicit negative movement and habitat-selection responses by wolverines ( <i>Gulo gulo luscus</i> ). <i>Behavioral Ecology</i> , 2018, 29, 534-542.                             | 2.2  | 50        |
| 28 | Coexistence with Large Carnivores Supported by a Predator-Compensation Program. <i>Environmental Management</i> , 2018, 61, 719-731.   | 2.7  | 17        |
| 29 | Temporal patterns of wolverine ( <i>Gulo gulo luscus</i> ) foraging in the boreal forest. <i>Journal of Mammalogy</i> , 2018, 99, 693-701.   | 1.3  | 13        |
| 30 | Observed and predicted effects of climate change on Arctic caribou and reindeer. <i>Environmental Reviews</i> , 2018, 26, 13-25.   | 4.5  | 84        |
| 31 | Special section: Controversies in mountain sheep management. <i>Journal of Wildlife Management</i> , 2018, 82, 5-7.  | 1.8  | 11        |
| 32 | Wolves for Yellowstone: dynamics in time and space. <i>Journal of Mammalogy</i> , 2018, 99, 1021-1031.   | 1.3  | 42        |
| 33 | Artelle <i>et al</i> . (2018) miss the science underlying North American wildlife management. <i>Science Advances</i> , 2018, 4, eaat8281.   | 10.3 | 8         |
| 34 | The role of human outdoor recreation in shaping patterns of grizzly bear-black bear co-occurrence. <i>PLoS ONE</i> , 2018, 13, e0191730.   | 2.5  | 45        |
| 35 | Wolverine habitat selection in response to anthropogenic disturbance in the western Canadian boreal forest. <i>Forest Ecology and Management</i> , 2017, 395, 27-36.                 | 3.2  | 27        |
| 36 | Moose survey app for population monitoring. <i>Wildlife Society Bulletin</i> , 2017, 41, 125-128.  | 1.6  | 13        |

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|----|--|-----|-----------|
| 37 | Cross-validation strategies for data with temporal, spatial, hierarchical, or phylogenetic structure. <i>Ecography</i> , 2017, 40, 913-929.                          | 4.5 | 1,092     |
| 38 | Pronghorn resource selection and habitat fragmentation in North Dakota. <i>Journal of Wildlife Management</i> , 2017, 81, 154-162.                                   | 1.8 | 24        |
| 39 | Defining Landscapes and Scales to Model Landscape-Organism Interactions. <i>Current Landscape Ecology Reports</i> , 2017, 2, 89-95.                                  | 2.2 | 18        |
| 40 | Evaluation of intercept feeding to reduce livestock depredation by grizzly bears. <i>Ursus</i> , 2017, 28, 66-80.  | 0.5 | 58        |
| 41 | Relative Selection Strength: Quantifying effect size in habitat and step selection inference. <i>Ecology and Evolution</i> , 2017, 7, 5322-5330.                     | 1.9 | 137       |
| 42 | Hunting exacerbates the response to human disturbance in large herbivores while migrating through a road network. <i>Ecosphere</i> , 2017, 8, e01841.                | 2.2 | 43        |
| 43 | Behavioral plasticity in a variable environment: snow depth and habitat interactions drive deer movement in winter. <i>Journal of Mammalogy</i> , 2017, 98, 246-259. | 1.3 | 49        |
| 44 | Characterizing wildlife behavioural responses to roads using integrated step selection analysis. <i>Journal of Applied Ecology</i> , 2017, 54, 470-479.              | 4.0 | 104       |
| 45 | Predictive modelling of ecological patterns along linear-feature networks. <i>Methods in Ecology and Evolution</i> , 2017, 8, 329-338.                               | 5.2 | 10        |
| 46 | Extent-dependent habitat selection in a migratory large herbivore: road avoidance across scales. <i>Landscape Ecology</i> , 2017, 32, 313-325.                       | 4.2 | 46        |
| 47 | Habitat associations with counts of declining Western Grebes in Alberta, Canada. <i>Avian Conservation and Ecology</i> , 2017, 12, .                                 | 0.8 | 4         |
| 48 | Troublemaking carnivores: conflicts with humans in a diverse assemblage of large carnivores. <i>Ecology and Society</i> , 2017, 22, .                                | 2.3 | 74        |
| 49 | Learning from the mistakes of others: How female elk ( <i>Cervus elaphus</i> ) adjust behaviour with age to avoid hunters. <i>PLoS ONE</i> , 2017, 12, e0178082.     | 2.5 | 53        |
| 50 | Grizzly bears without borders: Spatially explicit capture-recapture in southwestern Alberta. <i>Journal of Wildlife Management</i> , 2016, 80, 1152-1166.            | 1.8 | 53        |
| 51 | Integrated step selection analysis: bridging the gap between resource selection and animal movement. <i>Methods in Ecology and Evolution</i> , 2016, 7, 619-630.     | 5.2 | 316       |
| 52 | Wildlife habitat selection on landscapes with industrial disturbance. <i>Environmental Conservation</i> , 2016, 43, 327-336.   | 1.3 | 14        |
| 53 | Varied tastes: home range implications of foraging patch selection. <i>Oikos</i> , 2016, 125, 39-49.   | 2.7 | 15        |
| 54 | Distribution of female wolverines relative to snow cover, Alberta, Canada. <i>Journal of Wildlife Management</i> , 2016, 80, 1461-1470.                              | 1.8 | 20        |

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|----|---|-----|-----------|
| 55 | Large Omnivore Movements in Response to Surface Mining and Mine Reclamation. Scientific Reports, 2016, 6, 19177.  | 3.3 | 49        |
| 56 | REVIEW: Can habitat selection predict abundance?. Journal of Animal Ecology, 2016, 85, 11-20.   | 2.8 | 94        |
| 57 | Dispersal Ecology Informs Design of Large-Scale Wildlife Corridors. PLoS ONE, 2016, 11, e0162989.   | 2.5 | 24        |
| 58 | Nature vs. Nurture: Evidence for Social Learning of Conflict Behaviour in Grizzly Bears. PLoS ONE, 2016, 11, e0165425.  | 2.5 | 89        |
| 59 | Long-term changes in pronghorn abundance index linked to climate and oil development in North Dakota. Biological Conservation, 2015, 192, 445-453.                              | 4.1 | 36        |
| 60 | Predicting mule deer recruitment from climate oscillations for harvest management on the northern Great Plains. Journal of Wildlife Management, 2015, 79, 1226-1238.            | 1.8 | 19        |
| 61 | Space-use, movement and dispersal of sub-adult cougars in a geographically isolated population. PeerJ, 2015, 3, e1118.  | 2.0 | 25        |
| 62 | Grizzly bear connectivity mapping in the Canadaâ€“United States transâ€“border region. Journal of Wildlife Management, 2015, 79, 544-558.                                       | 1.8 | 92        |
| 63 | Patch-use dynamics by a large herbivore. Movement Ecology, 2015, 3, 7.  | 2.8 | 28        |
| 64 | Grizzly bear diet shifting on reclaimed mines. Global Ecology and Conservation, 2015, 4, 207-220.   | 2.1 | 43        |
| 65 | Predicting multiple behaviors from GPS radiocollar cluster data. Behavioral Ecology, 2015, 26, 452-464.   | 2.2 | 22        |
| 66 | GPS Based Daily Activity Patterns in European Red Deer and North American Elk (Cervus elaphus): Indication for a Weak Circadian Clock in Ungulates. PLoS ONE, 2014, 9, e106997. | 2.5 | 94        |
| 67 | Cougar population status and range expansion in Alberta during 1991â€“2010. Wildlife Society Bulletin, 2014, 38, 116-121.   | 1.6 | 20        |
| 68 | Applications of step-selection functions in ecology and conservation. Movement Ecology, 2014, 2, 4.   | 2.8 | 404       |
| 69 | What attracts elk onto cattle pasture? Implications for inter-species disease transmission. Preventive Veterinary Medicine, 2014, 117, 326-339.                                 | 1.9 | 14        |
| 70 | Flexible habitat selection by cougars in response to anthropogenic development. Biological Conservation, 2014, 178, 136-145.  | 4.1 | 119       |
| 71 | Habitat selection during ungulate dispersal and exploratory movement at broad and fine scale with implications for conservation management. Movement Ecology, 2014, 2, 15.      | 2.8 | 44        |
| 72 | Habitat selection of a re-colonized cougar population in response to seasonal fluctuations of human activity. Journal of Wildlife Management, 2014, 78, 1394-1403.              | 1.8 | 20        |

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|----|---|-----|-----------|
| 73 | Quantifying Tropical Wetlands Using Field Surveys, Spatial Statistics and Remote Sensing. <i>Wetlands</i> , 2014, 34, 565-574.  | 1.5 | 23        |
| 74 | Grizzly bear ungulate consumption and the relevance of prey size to caching and meat sharing. <i>Animal Behaviour</i> , 2014, 92, 133-142.  | 1.9 | 58        |
| 75 | Using Latent Selection Difference to Model Persistence in a Declining Population. <i>PLoS ONE</i> , 2014, 9, e98126.  | 2.5 | 5         |
| 76 | Focusing Ecological Research for Conservation. <i>Ambio</i> , 2013, 42, 805-815.  | 5.5 | 15        |
| 77 | Deviance from truth: Telemetry location errors erode both precision and accuracy of habitat-selection models. <i>Wildlife Society Bulletin</i> , 2013, 37, n/a-n/a.   | 1.6 | 3         |
| 78 | Selection, use, choice and occupancy: clarifying concepts in resource selection studies. <i>Journal of Animal Ecology</i> , 2013, 82, 1183-1191.  | 2.8 | 227       |
| 79 | The secret sex lives of sage-grouse: multiple paternity and intraspecific nest parasitism revealed through genetic analysis. <i>Behavioral Ecology</i> , 2013, 24, 29-38.   | 2.2 | 23        |
| 80 | 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        |
| 81 | Does Learning or Instinct Shape Habitat Selection?. <i>PLoS ONE</i> , 2013, 8, e53721.  | 2.5 | 39        |
| 82 | Humans Strengthen Bottom-Up Effects and Weaken Trophic Cascades in a Terrestrial Food Web. <i>PLoS ONE</i> , 2013, 8, e64311.   | 2.5 | 67        |
| 83 | Perception of Human-Derived Risk Influences Choice at Top of the Food Chain. <i>PLoS ONE</i> , 2013, 8, e82738.   | 2.5 | 59        |
| 84 | Mad cow policy and management of grizzly bear incidents. <i>Wildlife Society Bulletin</i> , 2012, 36, 499-505.  | 1.6 | 10        |
| 85 | Managing moose harvests by the seat of your pants. <i>Theoretical Population Biology</i> , 2012, 82, 340-347.   | 1.1 | 35        |
| 86 | Human selection of elk behavioural traits in a landscape of fear. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012, 279, 4407-4416.  | 2.6 | 193       |
| 87 | Agricultural lands as ecological traps for grizzly bears. <i>Animal Conservation</i> , 2012, 15, 369-377.   | 2.9 | 116       |
| 88 | Why are caribou declining in the oil sands?. <i>Frontiers in Ecology and the Environment</i> , 2012, 10, 65-67.   | 4.0 | 44        |
| 89 | Habitat selection predicts genetic relatedness in an alpine ungulate. <i>Ecology</i> , 2012, 93, 1317-1329.   | 3.2 | 71        |
| 90 | Population fragmentation and inter-ecosystem movements of grizzly bears in western Canada and the northern United States. <i>Wildlife Monographs</i> , 2012, 180, 1-46.   | 3.0 | 150       |

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|-----|--|-----|-----------|
| 91  | Vehicle traffic shapes grizzly bear behaviour on a multiple-use landscape. <i>Journal of Applied Ecology</i> , 2012, 49, 1159-1167.  | 4.0 | 134       |
| 92  | Effects of Humans on Behaviour of Wildlife Exceed Those of Natural Predators in a Landscape of Fear. <i>PLoS ONE</i> , 2012, 7, e50611.  | 2.5 | 305       |
| 93  | Habitat selection and spatial relationships of black bears ( <i>Ursus americanus</i> ) with woodland caribou ( <i>Rangifer tarandus caribou</i> ) in northeastern Alberta. <i>Canadian Journal of Zoology</i> , 2011, 89, 267-277. | 1.0 | 95        |
| 94  | From venison to beef: seasonal changes in wolf diet composition in a livestock grazing landscape. <i>Frontiers in Ecology and the Environment</i> , 2011, 9, 440-445.  | 4.0 | 48        |
| 95  | A Simultaneous Test of Synchrony Causal Factors in Muskrat and Mink Fur Returns at Different Scales across Canada. <i>PLoS ONE</i> , 2011, 6, e27766.  | 2.5 | 7         |
| 96  | Movement responses by wolves to industrial linear features and their effect on woodland caribou in northeastern Alberta. , 2011, 21, 2854-2865.  |     | 194       |
| 97  | Predicting deer-vehicle collisions in an urban area. <i>Journal of Environmental Management</i> , 2011, 92, 2486-2493.   | 7.8 | 46        |
| 98  | Population structure and genetic diversity of greater sage-grouse ( <i>Centrocercus urophasianus</i> ) in fragmented landscapes at the northern edge of their range. <i>Conservation Genetics</i> , 2011, 12, 527-542.             | 1.5 | 42        |
| 99  | Twenty Years After the 1988 Yellowstone Fires: Lessons About Disturbance and Ecosystems. <i>Ecosystems</i> , 2011, 14, 1196-1215.  | 3.4 | 126       |
| 100 | Warning signs mitigate deer-vehicle collisions in an Urban area. <i>Wildlife Society Bulletin</i> , 2011, 35, 291-295.   | 1.6 | 28        |
| 101 | Do GPS clusters really work? carnivore diet from scat analysis and GPS telemetry methods. <i>Wildlife Society Bulletin</i> , 2011, 35, 409-415.  | 1.6 | 42        |
| 102 | Land-use planning following resource extraction - lessons from grizzly bears at reclaimed and active open pit mines. , 2011, , .   |     | 1         |
| 103 | Habitat Selection by Prairie Dogs in a Disturbed Landscape at the Edge of Their Geographic Range. <i>Journal of Wildlife Management</i> , 2010, 74, 945-953.   | 1.8 | 18        |
| 104 | Spatial and Temporal Patterns of Wolf Harvest on Registered Traplines in Alberta, Canada. <i>Journal of Wildlife Management</i> , 2010, 74, 635-643.   | 1.8 | 19        |
| 105 | Sage-Grouse Habitat Selection During Winter in Alberta. <i>Journal of Wildlife Management</i> , 2010, 74, 1806-1814.   | 1.8 | 90        |
| 106 | Cougar Kill Rate and Prey Composition in a Multiprey System. <i>Journal of Wildlife Management</i> , 2010, 74, 1435-1447.  | 1.8 | 110       |
| 107 | Differential risk effects of wolves on wild versus domestic prey have consequences for conservation. <i>Oikos</i> , 2010, 119, 1243-1254.  | 2.7 | 33        |
| 108 | Grizzly bear movements relative to roads: application of step selection functions. <i>Ecography</i> , 2010, 33, 1113-1122.   | 4.5 | 77        |

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|-----|---|-----|-----------|
| 109 | Presence-only data, pseudo-absences, and other lies about habitat selection. <i>Ideas in Ecology and Evolution</i> , 2010, , .  | 0.1 | 0         |
| 110 | Scavenging of an Elk, <i>Cervus elaphus</i> , Carcass by Multiple Cougars, <i>Puma concolor</i> , in Southeastern Alberta. <i>Canadian Field-Naturalist</i> , 2010, 124, 242.                                   | 0.1 | 8         |
| 111 | Preface. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2010, 365, 2155-2155.  | 4.0 | 24        |
| 112 | Correlation and studies of habitat selection: problem, red herring or opportunity?. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2010, 365, 2233-2244.                       | 4.0 | 228       |
| 113 | Temporal autocorrelation functions for movement rates from global positioning system radiotelemetry data. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2010, 365, 2213-2219. | 4.0 | 90        |
| 114 | Scavenging Makes Cougars Susceptible to Snaring at Wolf Bait Stations. <i>Journal of Wildlife Management</i> , 2010, 74, 644-653.   | 1.8 | 23        |
| 115 | Birds of a Feather do not Always Lek Together: Genetic Diversity and Kinship Structure of Greater Sage-Grouse ( <i>Centrocercus urophasianus</i> ) in Alberta. <i>Auk</i> , 2010, 127, 343-353.                 | 1.4 | 25        |
| 116 | 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       |
| 117 | Animal ecology meets GPS-based radiotelemetry: a perfect storm of opportunities and challenges. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2010, 365, 2157-2162.           | 4.0 | 560       |
| 118 | Cougar Kill Rate and Prey Composition in a Multiprey System. <i>Journal of Wildlife Management</i> , 2010, 74, 1435-1447.   | 1.8 | 61        |
| 119 | Comparison of Grizzly Bear <i>Ursus arctos</i> Demographics in Wilderness Mountains Versus a Plateau with Resource Development. <i>Wildlife Biology</i> , 2009, 15, 247-265.                                    | 1.4 | 12        |
| 120 | Icy insights from emperor penguins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 1691-1692.  | 7.1 | 0         |
| 121 | Evaluating Global Positioning System Telemetry Techniques for Estimating Cougar Predation Parameters. <i>Journal of Wildlife Management</i> , 2009, 73, 586-597.  | 1.8 | 125       |
| 122 | Maternal and individual effects in selection of bed sites and their consequences for fawn survival at different spatial scales. <i>Oecologia</i> , 2009, 159, 669-678.  | 2.0 | 70        |
| 123 | Oil sardine ( <i>Sardinella longiceps</i> ) off the Malabar Coast: density dependence and environmental effects. <i>Fisheries Oceanography</i> , 2009, 18, 359-370.   | 1.7 | 14        |
| 124 | Global declines of caribou and reindeer. <i>Global Change Biology</i> , 2009, 15, 2626-2633.  | 9.5 | 369       |
| 125 | Use of resource selection functions to identify conservation corridors. <i>Journal of Applied Ecology</i> , 2009, 46, 1036-1047.  | 4.0 | 175       |
| 126 | Predator-prey coupling: interaction between mink <i>Mustela vison</i> and muskrat <i>Ondatra zibethicus</i> across Canada. <i>Oikos</i> , 2009, 118, 440-448.   | 2.7 | 17        |



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|-----|---|-----|-----------|
| 127 | Memory keeps you at home: a mechanistic model for home range emergence. <i>Oikos</i> , 2009, 118, 641-652.  | 2.7 | 228       |
| 128 | An Evaluation of Sex-Age-Kill (SAK) Model Performance. <i>Journal of Wildlife Management</i> , 2009, 73, 442-451.   | 1.8 | 79        |
| 129 | Marten Fur Harvests and Landscape Change in West-Central Alberta. <i>Journal of Wildlife Management</i> , 2009, 73, 894-903.  | 1.8 | 11        |
| 130 | Mink Prey Diversity Correlates with Mink-muskrat Dynamics. <i>Journal of Mammalogy</i> , 2009, 90, 897-905.   | 1.3 | 12        |
| 131 | Bacterial populations and metabolites in the feces of free roaming and captive grizzly bears. <i>Canadian Journal of Microbiology</i> , 2009, 55, 1335-1346.                | 1.7 | 27        |
| 132 | Range-wide patterns of greater sage-grouse persistence. <i>Diversity and Distributions</i> , 2008, 14, 983-994.   | 4.1 | 129       |
| 133 | Using Resource Selection Functions to Improve Estimation of Elk Population Numbers. <i>Journal of Wildlife Management</i> , 2008, 72, 1798-1804.                            | 1.8 | 13        |
| 134 | Three way k-fold cross-validation of resource selection functions. <i>Ecological Modelling</i> , 2008, 212, 244-255.  | 2.5 | 158       |
| 135 | Selection of lake habitats by waterbirds in the boreal transition zone of northeastern Alberta. <i>Canadian Journal of Zoology</i> , 2008, 86, 277-285.                     | 1.0 | 13        |
| 136 | Habitat and Habitat Selection: Theory, Tests, and Implications. <i>Israel Journal of Ecology and Evolution</i> , 2008, 54, 287-294.   | 0.6 | 17        |
| 137 | Can natural disturbance-based forestry rescue a declining population of grizzly bears?. <i>Biological Conservation</i> , 2008, 141, 2193-2207.                              | 4.1 | 54        |
| 138 | Grizzly bears and forestry. <i>Forest Ecology and Management</i> , 2008, 256, 1262-1269.  | 3.2 | 56        |
| 139 | Grizzly bears and forestry. <i>Forest Ecology and Management</i> , 2008, 256, 1253-1261.  | 3.2 | 55        |
| 140 | LONGEVITY CAN BUFFER PLANT AND ANIMAL POPULATIONS AGAINST CHANGING CLIMATIC VARIABILITY. <i>Ecology</i> , 2008, 89, 19-25.  | 3.2 | 386       |
| 141 | Accounting for Fitness: Combining Survival and Selection when Assessing Wildlife-Habitat Relationships. <i>Israel Journal of Ecology and Evolution</i> , 2008, 54, 389-419. | 0.6 | 53        |
| 142 | Trapper Attitudes and Industrial Development on Registered Traplines in West-Central Alberta. <i>Human Dimensions of Wildlife</i> , 2008, 13, 115-126.                      | 1.8 | 8         |
| 143 | Prey Behavior, Age-Dependent Vulnerability, and Predation Rates. <i>American Naturalist</i> , 2008, 172, 712-725.   | 2.1 | 31        |
| 144 | STATE-SPACE MODELS LINK ELK MOVEMENT PATTERNS TO LANDSCAPE CHARACTERISTICS IN YELLOWSTONE NATIONAL PARK. <i>Ecological Monographs</i> , 2007, 77, 285-299.                  | 5.4 | 148       |

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|-----|--|-----|-----------|
| 145 | LINKING OCCURRENCE AND FITNESS TO PERSISTENCE: HABITAT-BASED APPROACH FOR ENDANGERED GREATER SAGE-GROUSE. , 2007, 17, 508-526.   |     | 250       |
| 146 | LIFETIME REPRODUCTIVE SUCCESS AND COMPOSITION OF THE HOME RANGE IN A LARGE HERBIVORE. Ecology, 2007, 88, 3192-3201.  | 3.2 | 129       |
| 147 | WILLOW ON YELLOWSTONE'S NORTHERN RANGE: EVIDENCE FOR A TROPHIC CASCADE?. Ecological Applications, 2007, 17, 1563-1571.   | 3.8 | 124       |
| 148 | GRIZZLY BEAR HABITAT SELECTION IS SCALE DEPENDENT. , 2007, 17, 1424-1440.  |     | 110       |
| 149 | Effects of hunting on demographic parameters of American black bears. Ursus, 2007, 18, 1-18.   | 0.5 | 77        |
| 150 | Landscape heterogeneity shapes predation in a newly restored predator-prey system. Ecology Letters, 2007, 10, 690-700.   | 6.4 | 266       |
| 151 | Know Thy Enemy: Experience Affects Elk Translocation Success in Risky Landscapes. Journal of Wildlife Management, 2007, 71, 541-554.                                       | 1.8 | 103       |
| 152 | Components of Grizzly Bear Habitat Selection: Density, Habitats, Roads, and Mortality Risk. Journal of Wildlife Management, 2007, 71, 1446-1457.                           | 1.8 | 66        |
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