

J Marcus Rowcliffe

List of Publications by Year in descending order

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Version: 2024-02-01

143
papers

9,498
citations

31976

53
h-index

43889

91
g-index

147
all docs

147
docs citations

147
times ranked

8888
citing authors

#	ARTICLE	IF	CITATIONS
1	Estimating animal density using camera traps without the need for individual recognition. <i>Journal of Applied Ecology</i> , 2008, 45, 1228-1236.	4.0	553
2	Wild meat: the bigger picture. <i>Trends in Ecology and Evolution</i> , 2003, 18, 351-357.	8.7	544
3	Quantifying levels of animal activity using camera trap data. <i>Methods in Ecology and Evolution</i> , 2014, 5, 1170-1179.	5.2	317
4	Spontaneous emergence of leaders and followers in foraging pairs. <i>Nature</i> , 2003, 423, 432-434.	27.8	296
5	The Costs of Carnivory. <i>PLoS Biology</i> , 2007, 5, e22.	5.6	291
6	Scaling up camera traps: monitoring the planet's biodiversity with networks of remote sensors. <i>Frontiers in Ecology and the Environment</i> , 2017, 15, 26-34.	4.0	287
7	Surveys using camera traps: are we looking to a brighter future?. <i>Animal Conservation</i> , 2008, 11, 185-186.	2.9	207
8	A review of camera trapping for conservation behaviour research. <i>Remote Sensing in Ecology and Conservation</i> , 2017, 3, 109-122.	4.3	195
9	Life history tradeoffs influence mortality associated with the amphibian pathogen <i>Batrachochytrium dendrobatidis</i> . <i>Oikos</i> , 2009, 118, 783-791.	2.7	194
10	How Far Do Animals Go? Determinants of Day Range in Mammals. <i>American Naturalist</i> , 2005, 165, 290-297.	2.1	186
11	Quantifying the sensitivity of camera traps: an adapted distance sampling approach. <i>Methods in Ecology and Evolution</i> , 2011, 2, 464-476.	5.2	185
12	Does the matrix matter? A forest primate in a complex agricultural landscape. <i>Biological Conservation</i> , 2007, 135, 212-222.	4.1	181
13	The scale of illegal meat importation from Africa to Europe via Paris. <i>Conservation Letters</i> , 2010, 3, 317-321.	5.7	167
14	A model of human hunting impacts in multi-prey communities. <i>Journal of Applied Ecology</i> , 2003, 40, 872-889.	4.0	156
15	Evidence for post-depletion sustainability in a mature bushmeat market. <i>Journal of Applied Ecology</i> , 2005, 42, 460-468.	4.0	154
16	Hunting for Consensus: Reconciling Bushmeat Harvest, Conservation, and Development Policy in West and Central Africa. <i>Conservation Biology</i> , 2007, 21, 884-887.	4.7	145
17	Uncovering the fruit bat bushmeat commodity chain and the true extent of fruit bat hunting in Ghana, West Africa. <i>Biological Conservation</i> , 2011, 144, 3000-3008.	4.1	139
18	Determinants of urban bushmeat consumption in Niamey, Equatorial Guinea. <i>Biological Conservation</i> , 2005, 126, 206-215.	4.1	138

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19	Compromised Survivorship in Zoo Elephants. <i>Science</i> , 2008, 322, 1649-1649.	12.6	133
20	Random versus Game Trail-Based Camera Trap Placement Strategy for Monitoring Terrestrial Mammal Communities. <i>PLoS ONE</i> , 2015, 10, e0126373.	2.5	133
21	Reframing the concept of alternative livelihoods. <i>Conservation Biology</i> , 2016, 30, 7-13.	4.7	123
22	Hunter Reporting of Catch per Unit Effort as a Monitoring Tool in a Bushmeat Harvesting System. <i>Conservation Biology</i> , 2010, 24, 489-499.	4.7	118
23	Spatially explicit, individual-based, behavioural models of the annual cycle of two migratory goose populations. <i>Journal of Applied Ecology</i> , 2000, 37, 103-135.	4.0	114
24	Bias in estimating animal travel distance: the effect of sampling frequency. <i>Methods in Ecology and Evolution</i> , 2012, 3, 653-662.	5.2	110
25	Incentives for Hunting: The Role of Bushmeat in the Household Economy in Rural Equatorial Guinea. <i>Human Ecology</i> , 2010, 38, 251-264.	1.4	108
26	Do wildlife laws work? Species protection and the application of a prey choice model to poaching decisions. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2004, 271, 2631-2636.	2.6	99
27	Assessing the Relationship Between Human Well-being and Ecosystem Services: A Review of Frameworks. <i>Conservation and Society</i> , 2014, 12, 437.	0.8	96
28	Accounting for the Impact of Conservation on Human Well-being. <i>Conservation Biology</i> , 2014, 28, 1160-1166.	4.7	94
29	Impact of Gun-Hunting on Diurnal Primates in Continental Equatorial Guinea. <i>International Journal of Primatology</i> , 2008, 29, 1065-1082.	1.9	93
30	A Comparison of Logging Systems and Bat Diversity in the Neotropics. <i>Conservation Biology</i> , 2005, 19, 1194-1204.	4.7	87
31	Synthesising bushmeat research effort in West and Central Africa: A new regional database. <i>Biological Conservation</i> , 2015, 181, 199-205.	4.1	87
32	Applying a random encounter model to estimate lion density from camera traps in Serengeti National Park, Tanzania. <i>Journal of Wildlife Management</i> , 2015, 79, 1014-1021.	1.8	86
33	Prey availability and temporal partitioning modulate felid coexistence in Neotropical forests. <i>PLoS ONE</i> , 2019, 14, e0213671.	2.5	86
34	Wildlife speed cameras: measuring animal travel speed and day range using camera traps. <i>Remote Sensing in Ecology and Conservation</i> , 2016, 2, 84-94.	4.3	79
35	Feeding success of African wild dogs (<i>Lycaon pictus</i>) in the Serengeti: the effects of group size and kleptoparasitism. <i>Journal of Zoology</i> , 2005, 266, 153-161.	1.7	78
36	Distance sampling and the challenge of monitoring butterfly populations. <i>Methods in Ecology and Evolution</i> , 2011, 2, 585-594.	5.2	78

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37	A simple method for estimating the effective detection distance of camera traps. <i>Remote Sensing in Ecology and Conservation</i> , 2017, 3, 81-89.	4.3	78
38	Characteristics and Risk Perceptions of Ghanaians Potentially Exposed to Bat-Borne Zoonoses through Bushmeat. <i>EcoHealth</i> , 2015, 12, 104-120.	2.0	76
39	Can citizen science monitor whale-shark aggregations? Investigating bias in mark-recapture modelling using identification photographs sourced from the public. <i>Wildlife Research</i> , 2012, 39, 696.	1.4	75
40	A simple rule for the costs of vigilance: empirical evidence from a social forager. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2004, 271, 27-33.	2.6	69
41	The emergence of leaders and followers in foraging pairs when the qualities of individuals differ. <i>BMC Evolutionary Biology</i> , 2008, 8, 51.	3.2	69
42	Mammalian species abundance across a gradient of tropical land-use intensity: A hierarchical multi-species modelling approach. <i>Biological Conservation</i> , 2017, 212, 162-171.	4.1	68
43	Estimation of population density of European pine marten in central Italy using camera trapping. <i>Acta Theriologica</i> , 2012, 57, 165-172.	1.1	67
44	Demography of straw-colored fruit bats in Ghana. <i>Journal of Mammalogy</i> , 2012, 93, 1393-1404.	1.3	66
45	Climate change, chytridiomycosis or condition: an experimental test of amphibian survival. <i>Global Change Biology</i> , 2011, 17, 667-675.	9.5	65
46	The impact of armed conflict on protected-area efficacy in Central Africa. <i>Biology Letters</i> , 2007, 3, 299-301.	2.3	64
47	State-dependent foraging rules for social animals in selfish herds. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2004, 271, 2613-2620.	2.6	63
48	Assessing the Status of Wild Felids in a Highly-Disturbed Commercial Forest Reserve in Borneo and the Implications for Camera Trap Survey Design. <i>PLoS ONE</i> , 2013, 8, e77598.	2.5	63
49	Habitat switching by dark-bellied brent geese <i>Branta b. bernicla</i> (L.) in relation to food depletion. <i>Oecologia</i> , 1995, 103, 499-508.	2.0	61
50	Use of Market Data to Assess Bushmeat Hunting Sustainability in Equatorial Guinea. <i>Conservation Biology</i> , 2011, 25, 597-606.	4.7	61
51	Wild Meat Is Still on the Menu: Progress in Wild Meat Research, Policy, and Practice from 2002 to 2020. <i>Annual Review of Environment and Resources</i> , 2021, 46, 221-254.	13.4	61
52	The dynamics of the global trade in chameleons. <i>Biological Conservation</i> , 2004, 120, 291-301.	4.1	60
53	Evaluating measures of hunting effort in a bushmeat system. <i>Biological Conservation</i> , 2008, 141, 2086-2099.	4.1	58
54	The Importance of Bushmeat in the Livelihoods of West African Cash-Crop Farmers Living in a Faunally-Depleted Landscape. <i>PLoS ONE</i> , 2013, 8, e72807.	2.5	58

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55	The Interaction between Seaweed Farming as an Alternative Occupation and Fisher Numbers in the Central Philippines. <i>Conservation Biology</i> , 2012, 26, 324-334.	4.7	55
56	Anatomy of a Bushmeat Commodity Chain in Takoradi, Ghana. <i>Journal of Peasant Studies</i> , 2003, 31, 73-100.	4.5	52
57	Clarifying assumptions behind the estimation of animal density from camera trap rates. <i>Journal of Wildlife Management</i> , 2013, 77, 876-876.	1.8	52
58	Climate forcing of an emerging pathogenic fungus across a montane multi-host community. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2016, 371, 20150454.	4.0	52
59	Assessing the camera trap methodologies used to estimate density of unmarked populations. <i>Journal of Applied Ecology</i> , 2021, 58, 1583-1592.	4.0	52
60	Understanding the Sociocultural Drivers of Urban Bushmeat Consumption for Behavior Change Interventions in Pointe Noire, Republic of Congo. <i>Human Ecology</i> , 2019, 47, 179-191.	1.4	51
61	Social foraging and dominance relationships: the effects of socially mediated interference. <i>Behavioral Ecology and Sociobiology</i> , 2006, 60, 572-581.	1.4	50
62	Camera traps as sensor networks for monitoring animal communities. , 2009, , .		50
63	Comparing diel activity patterns of wildlife across latitudes and seasons: Time transformations using day length. <i>Methods in Ecology and Evolution</i> , 2019, 10, 2057-2066.	5.2	50
64	Revealing kleptoparasitic and predatory tendencies in an African mammal community using camera traps: a comparison of spatiotemporal approaches. <i>Oikos</i> , 2017, 126, 812-822.	2.7	49
65	Effects of Forest Fragmentation on the Abundance of <i>Colobus angolensis palliatus</i> in Kenya's Coastal Forests. <i>International Journal of Primatology</i> , 2007, 28, 637-655.	1.9	47
66	Assessing Sustainability at Multiple Scales in a Rotational Bushmeat Hunting System. <i>Conservation Biology</i> , 2010, 24, 861-871.	4.7	47
67	Avian malaria-mediated population decline of a widespread iconic bird species. <i>Royal Society Open Science</i> , 2019, 6, 182197.	2.4	44
68	Characterising Wildlife Trade Market Supply-Demand Dynamics. <i>PLoS ONE</i> , 2016, 11, e0162972.	2.5	43
69	A generalised random encounter model for estimating animal density with remote sensor data. <i>Methods in Ecology and Evolution</i> , 2015, 6, 500-509.	5.2	42
70	Endemic Lagos bat virus infection in <i>Eidolon helvum</i> . <i>Epidemiology and Infection</i> , 2012, 140, 2163-2171.	2.1	41
71	Food acquisition and predator avoidance in a Neotropical rodent. <i>Animal Behaviour</i> , 2014, 88, 41-48.	1.9	41
72	Linking social foraging behaviour with individual time budgets and emergent group-level phenomena. <i>Animal Behaviour</i> , 2012, 84, 1295-1305.	1.9	40

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73	The use of mosquito nets in fisheries: A global perspective. PLoS ONE, 2018, 13, e0191519.	2.5	38
74	Foraging inequalities in large groups: quantifying depletion experienced by individuals in goose flocks. Journal of Animal Ecology, 2004, 73, 97-108.	2.8	37
75	The Scaling of Abundance in Consumers and Their Resources: Implications for the Energy Equivalence Rule. American Naturalist, 2007, 170, 479-484.	2.1	37
76	Competition, predation risk and patterns of flock expansion in barnacle geese (<i>Branta leucopsis</i>). Journal of Zoology, 2003, 259, 301-308.	1.7	36
77	Do bushmeat consumers have other fish to fry?. Trends in Ecology and Evolution, 2005, 20, 274-276.	8.7	36
78	How do foragers decide when to leave a patch? A test of alternative models under natural and experimental conditions. Journal of Animal Ecology, 2013, 82, 894-902.	2.8	36
79	Costs of reproduction: Assessing responses to brood size manipulation on life-history and behavioural traits using multi-state capture-recapture models. Journal of Applied Statistics, 2002, 29, 407-423.	1.3	34
80	Methods for wildlife monitoring in tropical forests: Comparing human observations, camera traps, and passive acoustic sensors. Conservation Science and Practice, 2021, 3, .	2.0	34
81	Information use and resource competition: an integrative framework. Proceedings of the Royal Society B: Biological Sciences, 2016, 283, 20152550.	2.6	31
82	The Population Decline and Extinction of Darwin's Frogs. PLoS ONE, 2013, 8, e66957.	2.5	31
83	Trapper profiles and strategies: insights into sustainability from hunter behaviour. Animal Conservation, 2009, 12, 531-539.	2.9	30
84	The functional and aggregative responses of a herbivore: underlying mechanisms and the spatial implications for plant depletion. Journal of Animal Ecology, 1999, 68, 853-868.	2.8	29
85	The Importance of Hunting and Habitat in Determining the Abundance of Tropical Forest Species in Equatorial Guinea. Biotropica, 2009, 41, 700-710.	1.6	29
86	Drivers of Change in Hunter Offtake and Hunting Strategies in Sendje, Equatorial Guinea. Conservation Biology, 2012, 26, 1052-1060.	4.7	29
87	Aggregative responses of brent geese on salt marsh and their impact on plant community dynamics. Oecologia, 1998, 114, 417-426.	2.0	27
88	Habitat use responses of the African leopard in a human-disturbed region of rural Mozambique. Mammalian Biology, 2018, 89, 14-20.	1.5	27
89	Robust estimation of snare prevalence within a tropical forest context using N-mixture models. Biological Conservation, 2018, 217, 75-82.	4.1	27
90	Gender Differentiated Preferences for a Community-Based Conservation Initiative. PLoS ONE, 2016, 11, e0152432.	2.5	26

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91	Habitat selection by Whitethroats <i>Sylvia communis</i> during spring passage in the Sahel zone of northern Nigeria. <i>Bird Study</i> , 1999, 46, 348-355.	1.0	25
92	The impacts of international and national governance changes on a traded resource: a case study of Madagascar and its chameleon trade. <i>Biological Conservation</i> , 2005, 123, 279-287.	4.1	25
93	Grain-dependent responses of mammalian diversity to land use and the implications for conservation set aside. <i>Ecological Applications</i> , 2016, 26, 1409-1420.	3.8	25
94	Strict protected areas are essential for the conservation of larger and threatened mammals in a priority region of the Brazilian Cerrado. <i>Biological Conservation</i> , 2020, 251, 108762.	4.1	25
95	Cyclic Winter Grazing Patterns in Brent Geese and the Regrowth of Salt- Marsh Grass. <i>Functional Ecology</i> , 1995, 9, 931.	3.6	23
96	Key frontiers in camera trapping research. <i>Remote Sensing in Ecology and Conservation</i> , 2017, 3, 107-108.	4.3	22
97	Integrating farming and wildlife conservation: the Barnacle Goose Management Scheme. <i>Biological Conservation</i> , 2003, 110, 113-122.	4.1	21
98	The role of bushmeat in a West African agricultural landscape. <i>Oryx</i> , 2015, 49, 643-651.	1.0	21
99	Monitoring local well-being in environmental interventions: a consideration of practical trade-offs. <i>Oryx</i> , 2017, 51, 68-76.	1.0	21
100	Poisoning of reintroduced red kites (<i>Milvus Milvus</i>) in England. <i>European Journal of Wildlife Research</i> , 2017, 63, 1.	1.4	21
101	Exploring Foraging Decisions in a Social Primate Using Discrete-Choice Models. <i>American Naturalist</i> , 2012, 180, 481-495.	2.1	20
102	Remote Sensing in Ecology and Conservation: three years on. <i>Remote Sensing in Ecology and Conservation</i> , 2017, 3, 53-56.	4.3	20
103	Combining local knowledge and occupancy analysis for a rapid assessment of the forest elephant <i>Loxodonta cyclotis</i> in Cameroon's timber production forests. <i>Oryx</i> , 2020, 54, 90-100.	1.0	20
104	Long-term spatio-temporal changes in a West African bushmeat trade system. <i>Conservation Biology</i> , 2015, 29, 1446-1457.	4.7	19
105	Inter-annual dynamics and persistence of small mammal communities in a selectively logged tropical forest in Borneo. <i>Biodiversity and Conservation</i> , 2018, 27, 3155-3169.	2.6	19
106	The depletion of algal beds by geese: a predictive model and test. <i>Oecologia</i> , 2001, 127, 361-371.	2.0	18
107	Experimental estimation of snare detectability for robust threat monitoring. <i>Ecology and Evolution</i> , 2018, 8, 1778-1785.	1.9	18
108	The population status of chameleons within Ranomafana National Park, Madagascar, and recommendations for future monitoring. <i>Oryx</i> , 1999, 33, 38.	1.0	17

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109	Social effects on foraging behavior and success depend on local environmental conditions. <i>Ecology and Evolution</i> , 2015, 5, 475-492.	1.9	17
110	Detection of <i>Batrachochytrium dendrobatidis</i> in Amphibians Imported into the UK for the Pet Trade. <i>EcoHealth</i> , 2016, 13, 456-466.	2.0	17
111	Leopard (<i>Panthera pardus</i>) density in southern Mozambique: evidence from spatially explicit capture-recapture in Xonghile Game Reserve. <i>Oryx</i> , 2020, 54, 405-411.	1.0	17
112	Conservation on International Boundaries: The Impact of Security Barriers on Selected Terrestrial Mammals in Four Protected Areas in Arizona, USA. <i>PLoS ONE</i> , 2014, 9, e93679.	2.5	14
113	Quantifying the Availability of Vertebrate Hosts to Ticks: A Camera-Trapping Approach. <i>Frontiers in Veterinary Science</i> , 2017, 4, 115.	2.2	13
114	Land-use change alters the mechanisms assembling rainforest mammal communities in Borneo. <i>Journal of Animal Ecology</i> , 2019, 88, 125-137.	2.8	13
115	Occurrence of a monophasic strain of <i>Salmonella</i> group B isolated from cetaceans in England and Wales between 1990 and 2002. <i>Environmental Microbiology</i> , 2008, 10, 2462-2468.	3.8	11
116	On the scaling of activity in tropical forest mammals. <i>Oikos</i> , 2020, 129, 668-676.	2.7	11
117	Wildlife Depletion in a West African Farm-Forest Mosaic and the Implications for Hunting Across the Landscape. <i>Human Ecology</i> , 2013, 41, 795-806.	1.4	10
118	Estimating animal density for a community of species using information obtained only from camera-traps. <i>Methods in Ecology and Evolution</i> , 2022, 13, 2248-2261.	5.2	10
119	The population status of chameleons within Ranomafana National Park, Madagascar, and recommendations for future monitoring. <i>Oryx</i> , 1999, 33, 38-46.	1.0	9
120	From conflict to coexistence: a case study of geese and agriculture in Scotland. , 0, , 176-191.		9
121	Larger barnacle geese (<i>Branta leucopsis</i>) are more efficient feeders: a possible mechanism for observed body size-fitness relationships. <i>Journal of Zoology</i> , 2005, 265, 37-42.	1.7	9
122	A novel method for using ecoacoustics to monitor post-translocation behaviour in an endangered passerine. <i>Methods in Ecology and Evolution</i> , 2019, 10, 626-636.	5.2	9
123	Analysing age structure, residency and relatedness uncovers social network structure in aggregations of young birds. <i>Animal Behaviour</i> , 2020, 166, 73-84.	1.9	9
124	Identifying key denning habitat to conserve brown bear (<i>Ursus arctos</i>) in Croatia. <i>Wildlife Research</i> , 2017, 44, 309.	1.4	8
125	Minimal Spillover of Native Small Mammals From Bornean Tropical Forests Into Adjacent Oil Palm Plantations. <i>Frontiers in Forests and Global Change</i> , 2019, 2, .	2.3	8
126	Rural protein insufficiency in a wildlife-depleted West African farm-forest landscape. <i>PLoS ONE</i> , 2017, 12, e0188109.	2.5	8

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127	Population Interactions and the Determinants of Population Size. <i>Plant Species Biology</i> , 1993, 8, 149-158.	1.0	7
128	Framework for strategic wind farm site prioritisation based on modelled wolf reproduction habitat in Croatia. <i>European Journal of Wildlife Research</i> , 2017, 63, 1.	1.4	7
129	Statistical Development of Animal Density Estimation Using Random Encounter Modelling. <i>Journal of Agricultural, Biological, and Environmental Statistics</i> , 2020, 25, 148-167.	1.4	7
130	Density responses of lesser-studied carnivores to habitat and management strategies in southern Tanzania's Ruaha-Rungwa landscape. <i>PLoS ONE</i> , 2021, 16, e0242293.	2.5	6
131	Targeted management buffers negative impacts of climate change on the hihi, a threatened New Zealand passerine. <i>Biological Conservation</i> , 2015, 192, 145-153.	4.1	5
132	Environmental predictors of livestock predation: a lion's tale. <i>Oryx</i> , 2020, 54, 648-657.	1.0	5
133	Remote sensing and the UN Ocean Decade: high expectations, big opportunities. <i>Remote Sensing in Ecology and Conservation</i> , 2022, 8, 267-271.	4.3	4
134	The impacts of human activity on mammals in a community forest near the Dja Biosphere Reserve in Cameroon. <i>Oryx</i> , 0, , 1-9.	1.0	4
135	Sward height, structure and leaf extension rate of <i>Lolium perenne</i> pastures when grazed by overwintering barnacle geese. <i>Grass and Forage Science</i> , 2003, 58, 70-76.	2.9	3
136	Home range and habitat selection of captive-bred and rehabilitated cape vultures <i>Gyps coprotheres</i> in southern Africa. <i>Oryx</i> , 0, , 1-6.	1.0	3
137	Challenging assumptions: the gendered nature of mosquito net fishing and the implications for management. <i>Gender, Technology and Development</i> , 2020, 24, 66-88.	1.4	3
138	Evidence of deterrence from patrol data: Trialling application of a differenced CPUE metric. <i>Conservation Science and Practice</i> , 0, , .	2.0	3
139	Power to the people: Analysis of occupancy models informed by local knowledge. <i>Conservation Science and Practice</i> , 2022, 4, .	2.0	3
140	Bushmeat and the biology of conservation. <i>Oryx</i> , 2002, 36, .	1.0	2
141	Pastoralism, conservation and resilience: causes and consequences of pastoralist household decision-making. , 2019, , 180-208.		2
142	Estimating animal abundance in closed populations by D.L. Borchers, W. Zucchini and S.T. Buckland, 2002. Springer-Verlag. \$69.95, 314 pp., 91 illus. Hardcover, ISBN 1-85233-560-2. <i>Bulletin of Mathematical Biology</i> , 2003, 65, 1173-1174.	1.9	1
143	State-dependent foraging rules for social animals in selfish herds. , 2011, , 523-537.		0