Michael A Mccarthy

List of Publications by Citations

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232 papers	12,286 citations	59 h-index	103 g-index
238 ext. papers	14,061 ext. citations	5 avg, IF	6.53 L-index

#	Paper	IF	Citations
232	Redefine statistical significance. *Nature Human Behaviour*, **2018**, 2, 6-10	12.8	1168
231	Is my species distribution model fit for purpose? Matching data and models to applications. *Global Ecology and Biogeography*, **2015**, 24, 276-292	6.1	460
230	Bayesian Methods for Ecology **2007**,		349
229	Understanding co-occurrence by modelling species simultaneously with a Joint Species Distribution Model (JSDM). *Methods in Ecology and Evolution*, **2014**, 5, 397-406	7.7	329
228	Scientific foundations for an IUCN Red List of ecosystems. *PLoS ONE*, **2013**, 8, e62111	3.7	308
227	A conceptual framework for predicting the effects of urban environments on floras. *Journal of Ecology*, **2009**, 97, 4-9	6	254
226	The Focal-Species Approach and Landscape Restoration: a Critique. *Conservation Biology*, **2002**, 16, 338-345	3.6	224
225	Active adaptive management for conservation. *Conservation Biology*, **2007**, 21, 956-63	6	220
224	A global synthesis of plant extinction rates in urban areas. *Ecology Letters*, **2009**, 12, 1165-73	10	199
223	The Use of Bayesian Model Averaging to Better Represent Uncertainty in Ecological Models. *Conservation Biology*, **2003**, 17, 1579-1590	6	192
222	The Allee effect, finding mates and theoretical models. *Ecological Modelling*, **1997**, 103, 99-102	3	179
221	Sensitivity analysis for models of population viability. *Biological Conservation*, **1995**, 73, 93-100	6.2	172
220	Streamlining "search and destroy": cost-effective surveillance for invasive species management. *Ecology Letters*, **2009**, 12, 683-92	10	162
219	Optimal eradication: when to stop looking for an invasive plant. *Ecology Letters*, **2006**, 9, 759-66	10	153
218	Profiting from prior information in Bayesian analyses of ecological data. *Journal of Applied Ecology*, **2005**, 42, 1012-1019	5.8	144
217	Clarifying the effect of toe clipping on frogs with Bayesian statistics. *Journal of Applied Ecology*, **2004**, 41, 780-786	5.8	142
216	Plant traits and local extinctions in natural grasslands along an urban–rural gradient. *Journal of Ecology*, **2005**, 93, 1203-1213	6	141

215	When to stop managing or surveying cryptic threatened species. *Proceedings of the National Academy of Sciences of the United States of America*, **2008**, 105, 13936-40	11.5	127
214	ESTIMATING AND DEALING WITH DETECTABILITY IN OCCUPANCY SURVEYS FOR FOREST OWLS AND ARBOREAL MARSUPIALS. *Journal of Wildlife Management*, **2005**, 69, 905-917	1.9	126
213	Accounting for uncertainty in marine reserve design. *Ecology Letters*, **2006**, 9, 2-11; discussion 11-4	10	124
212	Expected minimum population size as a measure of threat. *Animal Conservation*, **2001**, 4, 351-355	3.2	121
211	Nonlinear Effects of Stand Age on Fire Severity. *Conservation Letters*, **2014**, 7, 355-370	6.9	119
210	Ignoring imperfect detection in biological surveys is dangerous: a response to fitting and interpreting occupancy models. *PLoS ONE*, **2014**, 9, e99571	3.7	115
209	Linking landscape data with population viability analysis: management options for the helmeted honeyeater Lichenostomus melanops cassidix. *Biological Conservation*, **1995**, 73, 169-176	6.2	114
208	Some practical suggestions for improving engagement between researchers and policy-makers in natural resource management. *Ecological Management and Restoration*, **2008**, 9, 182-186	1.4	111
207	Fire regimes in mountain ash forest: evidence from forest age structure, extinction models and wildlife habitat. *Forest Ecology and Management*, **1999**, 124, 193-203	3.9	111
206	The biodiversity bank cannot be a lending bank. *Conservation Letters*, **2010**, 3, 151-158	6.9	109
205	Reliability of Relative Predictions in Population Viability Analysis. *Conservation Biology*, **2003**, 17, 982-989		109
204	PRECISION AND BIAS OF METHODS FOR ESTIMATING POINT SURVEY DETECTION PROBABILITIES **2004**, 14, 703-712		108
203	I Environmental DNA sampling is more sensitive than a traditional survey technique for detecting an aquatic invader. *Ecological Applications*, **2015**, 25, 1944-52	4.9	106
202	Identifying declining and threatened species with museum data. *Biological Conservation*, **1998**, 83, 9-17	6.2	104
201	The IUCN Red List of Ecosystems: Motivations, Challenges, and Applications. *Conservation Letters*, **2015**, 8, 214-226	6.9	100
200	The influence of abundance on detectability. *Oikos*, **2013**, 122, 717-726	4	98
199	Congruence between natural and human forest disturbance: a case study from Australian montane ash forests. *Forest Ecology and Management*, **2002**, 155, 319-335	3.9	98
198	When have we looked hard enough? A novel method for setting minimum survey effort protocols for flora surveys. *Austral Ecology*, **2008**, 33, 986-998	1.5	95

197	Optimal fire histories for biodiversity conservation. *Conservation Biology*, **2015**, 29, 473-81	6	93
196	Plant traits and extinction in urban areas: a meta-analysis of 11 cities. *Global Ecology and Biogeography*, **2011**, 20, 509-519	6.1	87
195	Traits of British alien and native urban plants. *Journal of Ecology*, **2008**, 96, 853-859	6	83
194	Eliciting and integrating expert knowledge for wildlife habitat modelling. *Ecological Modelling*, **2003**, 165, 251-264	3	83
193	Fire and biodiversity in the Anthropocene. *Science*, **2020**, 370,	33.3	76
192	Optimal investment in conservation of species. *Journal of Applied Ecology*, **2008**, 45, 1428-1435	5.8	75
191	How accurate are population models? Lessons from landscape-scale tests in a fragmented system. *Ecology Letters*, **2002**, 6, 41-47	10	75
190	Theory for designing nature reserves for single species. *American Naturalist*, **2005**, 165, 250-7	3.7	73
189	Fungi and the urban environment: A review. *Landscape and Urban Planning*, **2010**, 96, 138-145	7.7	72
188	Intervals between prescribed fires in Australia: what intrinsic variation should apply?. *Biological Conservation*, **1998**, 85, 161-169	6.2	72
187	Accounting for management costs in sensitivity analyses of matrix population models. *Conservation Biology*, **2006**, 20, 893-905	6	68
186	Theoretical fire-interval distributions. *International Journal of Wildland Fire*, **2001**, 10, 73	3.2	68
185	Current constraints and future directions in estimating coextinction. *Conservation Biology*, **2010**, 24, 682-90	6	67
184	Assessing the cost-efficiency of environmental DNA sampling. *Methods in Ecology and Evolution*, **2016**, 7, 1291-1298	7.7	66
183	The abundance of hollow-bearing trees in urban dry sclerophyll forest and the effect of wind on hollow development. *Biological Conservation*, **2005**, 122, 181-192	6.2	65
182	A theory for optimal monitoring of marine reserves. *Ecology Letters*, **2005**, 8, 829-837	10	65
181	Inferring persistence of indigenous mammals in response to urbanisation. *Animal Conservation*, **2005**, 8, 309-319	3.2	62
180	Multi-aged mountain ash forest, wildlife conservation and timber harvesting. *Forest Ecology and Management*, **1998**, 104, 43-56	3.9	61

179	The use of nest boxes in urban natural vegetation remnants by vertebrate fauna. *Wildlife Research*, **2005**, 32, 509	1.8	61
178	Local extinction of grassland plants: the landscape matrix is more important than patch attributes. *Ecology*, **2006**, 87, 3000-6	4.6	61
177	The habitat hectares approach to vegetation assessment: An evaluation and suggestions for improvement. *Ecological Management and Restoration*, **2004**, 5, 24-27	1.4	61
176	Estimating detection-effort curves for plants using search experiments **2011**, 21, 601-7		59
175	Comparing predictions of extinction risk using models and subjective judgement. *Acta Oecologica*, **2004**, 26, 67-74	1.7	59
174	Using stochastic dynamic programming to determine optimal fire management for Banksia ornata. *Journal of Applied Ecology*, **2001**, 38, 585-592	5.8	59
173	The conservation of arboreal marsupials in the montane ash forests of the central highlands of Victoria, south-eastern Australia. VIII. Landscape analysis of the occurrence of arboreal marsupials. *Biological Conservation*, **1999**, 89, 83-92	6.2	59
172	Logistic sensitivity and bounds for extinction risks. *Ecological Modelling*, **1996**, 86, 297-303	3	59
171	Designing occupancy surveys and interpreting non-detection when observations are imperfect. *Diversity and Distributions*, **2012**, 18, 417-424	5	57
170	Movement re-established but not restored: Inferring the effectiveness of road-crossing mitigation for a gliding mammal by monitoring use. *Biological Conservation*, **2013**, 159, 434-441	6.2	57
169	A Method for Setting the Size of Plant Conservation Target Areas. *Conservation Biology*, **2001**, 15, 603-616	6	56
168	Testing the Accuracy of Population Viability Analysis. *Conservation Biology*, **2001**, 15, 1030-1038	6	56
167	The importance of demographic uncertainty: An example from the helmeted honeyeater Lichenostomus melanops cassidix. *Biological Conservation*, **1994**, 67, 135-142	6.2	56
166	Using sighting records to declare eradication of an invasive species. *Journal of Applied Ecology*, **2009**, 46, 110-117	5.8	54
165	What influences the structure of frog assemblages at forest streams?. *Austral Ecology*, **1999**, 24, 495-502	1.5	54
164	A systematic review reveals changes in where and how we have studied habitat loss and fragmentation over 20 years. *Biological Conservation*, **2017**, 212, 130-138	6.2	51
163	Defining vegetation age class distributions for multispecies conservation in fire-prone landscapes. *Biological Conservation*, **2013**, 166, 111-117	6.2	51
162	Phylogenetic diversity meets conservation policy: small areas are key to preserving eucalypt lineages. *Philosophical Transactions of the Royal Society B: Biological Sciences*, **2015**, 370, 20140007	5.8	50

161	Considering extinction of dependent species during translocation, ex situ conservation, and assisted migration of threatened hosts. *Conservation Biology*, **2012**, 26, 199-207	6	49
160	A Bayesian model of metapopulation viability, with application to an endangered amphibian. *Diversity and Distributions*, **2013**, 19, 555-566	5	48
159	Extinction dynamics of the helmeted honeyeater: effects of demography, stochasticity, inbreeding and spatial structure. *Ecological Modelling*, **1996**, 85, 151-163	3	48
158	Resource allocation for efficient environmental management. *Ecology Letters*, **2010**, 13, 1280-9	10	47
157	Extinction Debts and Risks Faced by Abundant Species. *Conservation Biology*, **1997**, 11, 221-226	6	47
156	Cost-effective suppression and eradication of invasive predators. *Conservation Biology*, **2008**, 22, 89-98	6	46
155	The Consistency of Extinction Risk Classification Protocols. *Conservation Biology*, **2005**, 19, 1969-1977	6	46
154	HABITAT FRAGMENTATION, LANDSCAPE CONTEXT, AND MAMMALIAN ASSEMBLAGES IN SOUTHEASTERN AUSTRALIA. *Journal of Mammalogy*, **2000**, 81, 787-797	1.8	46
153	Transparent planning for biodiversity and development in the urban fringe. *Landscape and Urban Planning*, **2012**, 108, 140-149	7.7	45
152	Predicting the effect of urban noise on the active space of avian vocal signals. *American Naturalist*, **2013**, 182, 452-64	3.7	44
151	Overcoming bias in ground-based surveys of hollow-bearing trees using double-sampling. *Forest Ecology and Management*, **2004**, 190, 291-300	3.9	44
150	Coping with uncertainty in forest wildlife planning. *Forest Ecology and Management*, **1995**, 74, 23-36	3.9	44
149	Spatially-correlated extinction in a metapopulation model of Leadbeater's Possum **2000**, 9, 47-63		43
148	When to declare successful eradication of an invasive predator?. *Animal Conservation*, **2014**, 17, 125-132	3.2	42
147	A general model of detectability using species traits. *Methods in Ecology and Evolution*, **2013**, 4, 45-52	7.7	42
146	Robust decisions for declaring eradication of invasive species. *Journal of Applied Ecology*, **2009**, 46, 782-786	5.8	42
145	Identifying effects of toe clipping on anuran return rates: the importance of statistical power. *Amphibia - Reptilia*, **2001**, 22, 275-289	1.2	42
144	INCORPORATING METAPOPULATION DYNAMICS OF GREATER GLIDERS INTO RESERVE DESIGN IN DISTURBED LANDSCAPES. *Ecology*, **1999**, 80, 651-667	4.6	42

143	Effects of fire on pollinators and pollination. *Journal of Applied Ecology*, **2017**, 54, 313-322	5.8	41
142	The Role of Streamflow and Land Use in Limiting Oversummer Survival of Juvenile Steelhead in California Streams. *Transactions of the American Fisheries Society*, **2012**, 141, 585-598	1.7	41
141	Allometric scaling and Bayesian priors for annual survival of birds and mammals. *American Naturalist*, **2008**, 172, 216-22	3.7	41
140	Top-down control of species distributions: feral cats driving the regional extinction of a threatened rodent in northern Australia. *Diversity and Distributions*, **2017**, 23, 272-283	5	39
139	Putting pyrodiversity to work for animal conservation. *Conservation Biology*, **2017**, 31, 952-955	6	39
138	Prevent, search or destroy? A partially observable model for invasive species management. *Journal of Applied Ecology*, **2014**, 51, 804-813	5.8	39
137	Wildlife Tunnel Enhances Population Viability. *Ecology and Society*, **2009**, 14,	4.1	39
136	COMPETITION AND DISPERSAL FROM MULTIPLE NESTS. *Ecology*, **1997**, 78, 873-883	4.6	38
135	Distinguishing geographical range shifts from artefacts of detectability and sampling effort. *Diversity and Distributions*, **2015**, 21, 13-22	5	37
134	Adaptive Management of Reintroduction **2012**, 256-289		36
133	Identifying and managing threatened invertebrates through assessment of coextinction risk. *Conservation Biology*, **2011**, 25, 787-96	6	36
132	Allocating biosecurity resources between preventing, detecting, and eradicating island invasions. *Ecological Economics*, **2011**, 71, 54-62	5.6	36
131	Improving policy efficiency and effectiveness to save more species: A case study of the megadiverse country Australia. *Biological Conservation*, **2015**, 182, 102-108	6.2	35
130	Cost-effective assessment of extinction risk with limited information. *Journal of Applied Ecology*, **2015**, 52, 861-870	5.8	35
129	A predictive model of avian natal dispersal distance provides prior information for investigating response to landscape change. *Journal of Animal Ecology*, **2012**, 81, 14-23	4.7	35
128	Info-gap decision theory for assessing the management of catchments for timber production and urban water supply. *Environmental Management*, **2007**, 39, 553-62	3.1	35
127	Protocols for listing threatened species can forecast extinction. *Ecology Letters*, **2004**, 7, 1101-1108	10	35
126	Factors affecting stand structure in forests □are there climatic and topographic determinants?. *Forest Ecology and Management*, **1999**, 123, 55-63	3.9	35

125	Sensitivity analysis for models of population viability **1995**, 73, 93-93		35
124	Assessing ethical trade-offs in ecological field studies. *Journal of Applied Ecology*, **2010**, 47, 227-234	5.8	34
123	The spatial distribution of non-native plant invaders in a pine□eucalypt landscape mosaic in south-eastern Australia. *Biological Conservation*, **2001**, 102, 77-87	6.2	34
122	Allocating conservation resources between areas where persistence of a species is uncertain **2011**, 21, 844-58		33
121	On valuing information in adaptive-management models. *Conservation Biology*, **2010**, 24, 984-93	6	33
120	Disentangling the four demographic dimensions of species invasiveness. *Journal of Ecology*, **2016**, 104, 1745-1758	6	33
119	A comparison of joint species distribution models for presence□absence data. *Methods in Ecology and Evolution*, **2019**, 10, 198-211	7.7	33
118	Designing nature reserves in the face of uncertainty. *Ecology Letters*, **2011**, 14, 470-5	10	32
117	Logic for designing nature reserves for multiple species. *American Naturalist*, **2006**, 167, 717-27	3.7	32
116	A simple framework for a complex problem? Predicting wildlife-vehicle collisions. *Ecology and Evolution*, **2016**, 6, 6409-21	2.8	31
115	Seasonal asthma in Melbourne, Australia, and some observations on the occurrence of thunderstorm asthma and its predictability. *PLoS ONE*, **2018**, 13, e0194929	3.7	31
114	Inferring extinctions from sighting records of variable reliability. *Journal of Applied Ecology*, **2014**, 51, 251-258	5.8	30
113	Planning for ex situ conservation in the face of uncertainty. *Conservation Biology*, **2016**, 30, 599-609	6	30
112	Declining populations in one of the last refuges for threatened mammal species in northern Australia. *Austral Ecology*, **2018**, 43, 602-612	1.5	29
111	Resources at the landscape scale influence possum abundance. *Austral Ecology*, **2008**, 33, 243-252	1.5	28
110	A method for validating stochastic models of population viability: a case study of the mountain pygmy-possum (Burramys parvus). *Journal of Animal Ecology*, **2000**, 69, 599-607	4.7	28
109	Fire regimes and environmental gradients shape vertebrate and plant distributions in temperate eucalypt forests. *Ecosphere*, **2017**, 8, e01781	3.1	27
108	Metaresearch for Evaluating Reproducibility in Ecology and Evolution. *BioScience*, **2017**, 67, 282-289	5.7	27

107	TESTING SPATIAL PVA MODELS OF AUSTRALIAN TREECREEPERS (AVES: CLIMACTERIDAE) IN FRAGMENTED FOREST **2000**, 10, 1722-1731		26
106	Inferring Threat from Scientific Collections: Power Tests and an Application to Western Australian Acacia Species **2000**, 7-26		26
105	Factors affecting the presence of the cool temperate rain forest tree myrtle beech (Nothofagus cunninghamii) in southern Australia: integrating climatic, terrain and disturbance predictors of distribution patterns. *Journal of Biogeography*, **2000**, 27, 1001-1009	4.1	26
104	Optimal release strategies for cost-effective reintroductions. *Journal of Applied Ecology*, **2014**, 51, 1107-1115	5.8	25
103	Modelling the occurrence of rainbow lorikeets (Trichoglossus haematodus) in Melbourne. *Austral Ecology*, **2006**, 31, 240-253	1.5	25
102	Early warning signals of recovery in complex systems. *Nature Communications*, **2019**, 10, 1681	17.4	24
101	Incorporating detectability of threatened species into environmental impact assessment. *Conservation Biology*, **2015**, 29, 216-25	6	24
100	The optimal number of surveys when detectability varies. *PLoS ONE*, **2014**, 9, e115345	3.7	24
99	Functional trait changes in the floras of 11 cities across the globe in response to urbanization. *Ecography*, **2017**, 40, 875-886	6.5	23
98	Estimating population size in the presence of temporary migration using a joint analysis of telemetry and capture–recapture data. *Methods in Ecology and Evolution*, **2014**, 5, 615-625	7.7	23
97	Optimal surveillance strategy for invasive species management when surveys stop after detection. *Ecology and Evolution*, **2014**, 4, 1751-60	2.8	23
96	Evidence that a Highway Reduces Apparent Survival Rates of Squirrel Gliders. *Ecology and Society*, **2010**, 15,	4.1	23
95	Optimizing ecological survey effort over space and time. *Methods in Ecology and Evolution*, **2016**, 7, 891-899	7.7	23
94	The neglected tool in the Bayesian ecologist's shed: a case study testing informative priors' effect on model accuracy. *Ecology and Evolution*, **2015**, 5, 102-8	2.8	22
93	Linking indices for biodiversity monitoring to extinction risk theory. *Conservation Biology*, **2014**, 28, 1575-83	6	22
92	Factors influencing the use of decision support tools in the development and design of conservation policy. *Environmental Science and Policy*, **2017**, 70, 1-8	6.2	21
91	Inferring extinction risks from sighting records. *Journal of Theoretical Biology*, **2013**, 338, 16-22	2.3	21
90	An experimental test of whether pyrodiversity promotes mammal diversity in a northern Australian savanna. *Journal of Applied Ecology*, **2018**, 55, 2124-2134	5.8	20

89	Contending with uncertainty in conservation management decisions. *Annals of the New York Academy of Sciences*, **2014**, 1322, 77-91	6.5	20
88	A landscape-scale test of the predictive ability of a spatially explicit model for population viability analysis. *Journal of Applied Ecology*, **2001**, 38, 36-48	5.8	20
87	Assessing spatial PVA models of arboreal marsupials using significance tests and Bayesian statistics. *Biological Conservation*, **2001**, 98, 191-200	6.2	20
86	Plant extirpation at the site scale: implications for eradication programmes. *Diversity and Distributions*, **2015**, 21, 151-162	5	19
85	Optimal allocation of conservation resources to species that may be extinct. *Conservation Biology*, **2010**, 24, 1111-8	6	19
84	How many hosts? Modelling host breadth from field samples. *Methods in Ecology and Evolution*, **2010**, 1, 292-299	7.7	19
83	How we value the future affects our desire to learn **2008**, 18, 1061-9		19
82	Informing network management using fuzzy cognitive maps. *Biological Conservation*, **2018**, 224, 122-128	6.2	18
81	The changing patterns of plant naturalization in Australia. *Diversity and Distributions*, **2015**, 21, 1038-1059	5	18
80	Optimal management of a flammable multi-stand forest for timber production and maintenance of nesting sites for wildlife. *Forest Ecology and Management*, **2008**, 255, 3857-3865	3.9	17
79	Evaluation of PVA Models of Arboreal Marsupials: Coupling Models with Long-term Monitoring Data. *Biodiversity and Conservation*, **2006**, 15, 4079-4096	3.4	17
78	Interactions between rainfall, fire and herbivory drive resprouter vital rates in a semi-arid ecosystem. *Journal of Ecology*, **2017**, 105, 1562-1570	6	16
77	Integrating variability in detection probabilities when designing wildlife surveys: a case study of amphibians from south-eastern Australia. *Biodiversity and Conservation*, **2012**, 21, 729-744	3.4	16
76	Effects of competition on natal dispersal distance. *Ecological Modelling*, **1999**, 114, 305-310	3	16
75	Profiting from pilot studies: Analysing mortality using Bayesian models with informative priors. *Basic and Applied Ecology*, **2013**, 14, 81-89	3.2	15
74	Identifying hotspots of alien plant naturalisation in Australia: approaches and predictions. *Biological Invasions*, **2016**, 18, 631-645	2.7	14
73	Predator Interference across Trophic Chains. *Ecology*, **1995**, 76, 1310-1319	4.6	14
72	Optimizing habitat management for amphibians: From simple models to complex decisions. *Biological Conservation*, **2019**, 236, 60-69	6.2	13

71	European newts establish in Australia, marking the arrival of a new amphibian order. *Biological Invasions*, **2015**, 17, 31-37	2.7	13
70	Managing the timing and speed of vehicles reduces wildlife-transport collision risk. *Transportation Research, Part D: Transport and Environment*, **2018**, 59, 86-95	6.4	13
69	A simple landscape-scale test of a spatially explicit population model: patch occupancy in fragmented south-eastern Australian forests. *Oikos*, **2001**, 92, 445-458	4	13
68	Consistent patterns of vehicle collision risk for six mammal species. *Journal of Environmental Management*, **2017**, 201, 397-406	7.9	12
67	Effects of Toe Clipping on Survival, Recapture, and Return Rates of Jefferson Salamanders (Ambystoma jeffersonianum) in Ontario, Canada. *Journal of Herpetology*, **2009**, 43, 394-401	1.1	12
66	Swapping space for time and unfair tests of ecological models. *Austral Ecology*, **2000**, 25, 327-331	1.5	12
65	Improving decisions for invasive species management: reformulation and extensions of the Panetta–Lawes eradication graph. *Diversity and Distributions*, **2013**, 19, 603-607	5	11
64	An info-gap approach to power and sample size calculations. *Environmetrics*, **2007**, 18, 189-203	1.3	11
63	Big Decisions and Sparse Data: Adapting Scientific Publishing to the Needs of Practical Conservation. *Avian Conservation and Ecology*, **2007**, 2,	1.5	11
62	Uncertainty in assessing the viability of the Powerful Owl Ninox strenua in Victoria, Australia. *Pacific Conservation Biology*, **1999**, 5, 144	1.2	11
61	Consequences of inconsistently classifying woodland birds. *Frontiers in Ecology and Evolution*, **2015**, 3,	3.7	10
60	A preliminary assessment of changes in plant-dwelling insects when threatened plants are translocated. *Journal of Insect Conservation*, **2012**, 16, 367-377	2.1	10
59	Population density and movement data for predicting mating systems of arboreal marsupials. *Ecological Modelling*, **1998**, 109, 193-202	3	10
58	Wildlife planning using FORPLAN: a review and examples from Victorian forests. *Australian Forestry* , **1994**, 57, 131-140	2.1	10
57	Learning about colonization when managing metapopulations under an adaptive management framework **2016**, 26, 279-94		10
56	Stochastic Dominance to Account for Uncertainty and Risk in Conservation Decisions. *Conservation Letters*, **2016**, 9, 260-266	6.9	10
55	Open access solutions for biodiversity journals: Do not replace one problem with another. *Diversity and Distributions*, **2019**, 25, 5-8	5	10
54	Incorporating uncertainty of management costs in sensitivity analyses of matrix population models. *Conservation Biology*, **2013**, 27, 134-44	6	9

53	Prioritizing plant eradication targets by re-framing the project prioritization protocol (PPP) for use in biosecurity applications. *Biological Invasions*, **2017**, 19, 859-873	2.7	9
52	Population Viability Analysis **2001**, 831-843		9
51	Using decision science to evaluate global biodiversity indices. *Conservation Biology*, **2021**, 35, 492-501	6	9
50	Bayesian estimates of transition probabilities in seven small lithophytic orchid populations: maximizing data availability from many small samples. *PLoS ONE*, **2014**, 9, e102859	3.7	8
49	Use and abuse of wildlife models for determining habitat requirements of forest fauna. *Australian Forestry*, **1994**, 57, 82-85	2.1	8
48	Models that predict ecosystem impacts of reintroductions should consider uncertainty and distinguish between direct and indirect effects. *Biological Conservation*, **2016**, 196, 211-212	6.2	8
47	Determining when to change course in management actions. *Conservation Biology*, **2014**, 28, 1617-25	6	7
46	Demographic Effects of Habitat Restoration for the Grey-Crowned Babbler Pomatostomus temporalis, in Victoria, Australia. *PLoS ONE*, **2015**, 10, e0130153	3.7	7
45	Bridging the Divide: Integrating Animal and Plant Paradigms to Secure the Future of Biodiversity in Fire-Prone Ecosystems. *Fire*, **2018**, 1, 29	2.4	7
44	Accounting for false mortality in telemetry tag applications. *Ecological Modelling*, **2017**, 355, 116-125	3	6
43	Disentangling the Influence of Past Fires on Subsequent Fires in Mediterranean Landscapes. *Ecosystems*, **2019**, 22, 1338-1351	3.9	6
42	Threatened species impact assessments: survey effort requirements based on criteria for cumulative impacts. *Diversity and Distributions*, **2015**, 21, 620-630	5	6
41	Breathing some air into the single-species vacuum: multi-species responses to environmental change. *Journal of Animal Ecology*, **2011**, 80, 1-3	4.7	6
40	Optimal marking of threatened species to balance benefits of information with impacts of marking. *Conservation Biology*, **2008**, 22, 1506-12	6	6
39	Adaptive management improves decisions about where to search for invasive species. *Biological Conservation*, **2017**, 212, 249-255	6.2	5
38	The SAFE index should not be used for prioritization. *Frontiers in Ecology and the Environment*, **2011**, 9, 486-487	5.5	5
37	Phenology of epigeous macrofungi found in red gum woodlands. *Fungal Biology*, **2010**, 114, 171-8	2.8	5
36	Abiotic and biotic interactions determine whether increased colonization is beneficial or detrimental to metapopulation management. *Theoretical Population Biology*, **2016**, 109, 44-53	1.2	5

35	Traits influence detection of exotic plant species in tropical forests. *PLoS ONE*, **2018**, 13, e0202254	3.7	5
34	Two-step adaptive management for choosing between two management actions. *Ecological Applications*, **2017**, 27, 1210-1222	4.9	4
33	Assessing the sensitivity of biodiversity indices used to inform fire management. *Journal of Applied Ecology*, **2018**, 55, 461-471	5.8	4
32	Defining and evaluating predictions of joint species distribution models. *Methods in Ecology and Evolution*, **2021**, 12, 394-404	7.7	4
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