

# Ben Collen

## List of Publications by Year in descending order

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Version: 2024-02-01

102  
papers

21,605  
citations

44069

48  
h-index

30922

102  
g-index

124  
all docs

124  
docs citations

124  
times ranked

25190  
citing authors

#	ARTICLE	IF	CITATIONS
1	Monitoring extinction risk and threats of the world's fishes based on the Sampled Red List Index. <i>Reviews in Fish Biology and Fisheries</i> , 2022, 32, 975-991.	4.9	17
2	Using decision science to evaluate global biodiversity indices. <i>Conservation Biology</i> , 2021, 35, 492-501.	4.7	20
3	The conservation status of the world's freshwater molluscs. <i>Hydrobiologia</i> , 2021, 848, 3231-3254.	2.0	68
4	Setting priority conservation management regions to reverse rapid range decline of a key neotropical forest ungulate. <i>Global Ecology and Conservation</i> , 2021, 31, e01796.	2.1	6
5	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
6	Evidence for Rapoport's rule and latitudinal patterns in the global distribution and diversity of alien bird species. <i>Journal of Biogeography</i> , 2020, 47, 1362-1372.	3.0	10
7	Complex long-term biodiversity change among invertebrates, bryophytes and lichens. <i>Nature Ecology and Evolution</i> , 2020, 4, 384-392.	7.8	130
8	Accelerating the monitoring of global biodiversity: Revisiting the sampled approach to generating Red List Indices. <i>Conservation Letters</i> , 2020, 13, e12703.	5.7	19
9	Global effects of land use on biodiversity differ among functional groups. <i>Functional Ecology</i> , 2020, 34, 684-693.	3.6	69
10	Choice of baseline affects historical population trends in hunted mammals of North America. <i>Biological Conservation</i> , 2020, 242, 108421.	4.1	26
11	Compatibility between agendas for improving human development and wildlife conservation outside protected areas: Insights from 20 years of data. <i>People and Nature</i> , 2019, 1, 305-316.	3.7	8
12	Bias, incompleteness and the "known unknowns" in the Holocene faunal record. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2019, 374, 20190216.	4.0	18
13	Practitioner and scientist perceptions of successful amphibian conservation. <i>Conservation Biology</i> , 2018, 32, 366-375.	4.7	7
14	Prior specification in Bayesian occupancy modelling improves analysis of species occurrence data. <i>Ecological Indicators</i> , 2018, 93, 333-343.	6.3	43
15	Time-lapse cameras reveal latitude and season influence breeding phenology durations in penguins. <i>Ecology and Evolution</i> , 2018, 8, 8286-8296.	1.9	8
16	The present and future effects of land use on ecological assemblages in tropical grasslands and savannas in Africa. <i>Oikos</i> , 2017, 126, 1760-1769.	2.7	15
17	Assessing the conservation value of secondary savanna for large mammals in the Brazilian Cerrado. <i>Biotropica</i> , 2017, 49, 734-744.	1.6	7
18	The database of the <sc>PREDICTS</sc> (Projecting Responses of Ecological Diversity In Changing) Tj ETQq0 0 Q rgBT /Overlock 10 T	1.9	186

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19	The global distribution of tetrapods reveals a need for targeted reptile conservation. <i>Nature Ecology and Evolution</i> , 2017, 1, 1677-1682.	7.8	378
20	Rapoport's rule and determinants of species range size in snakes. <i>Diversity and Distributions</i> , 2017, 23, 1472-1481.	4.1	25
21	Toward reassessing data-deficient species. <i>Conservation Biology</i> , 2017, 31, 531-539.	4.7	75
22	The Global Distribution and Drivers of Alien Bird Species Richness. <i>PLoS Biology</i> , 2017, 15, e2000942.	5.6	126
23	Antarctica and the strategic plan for biodiversity. <i>PLoS Biology</i> , 2017, 15, e2001656.	5.6	82
24	Patterns of mammalian population decline inform conservation action. <i>Journal of Applied Ecology</i> , 2016, 53, 1046-1054.	4.0	8
25	Clarifying misconceptions of extinction risk assessment with the IUCN Red List. <i>Biology Letters</i> , 2016, 12, 20150843.	2.3	137
26	Species loss: lack of data leaves a gap. <i>Nature</i> , 2016, 537, 488-488.	27.8	6
27	A global analysis of the determinants of alien geographical range size in birds. <i>Global Ecology and Biogeography</i> , 2016, 25, 1346-1355.	5.8	43
28	Global Biodiversity Indicators Reflect the Modeled Impacts of Protected Area Policy Change. <i>Conservation Letters</i> , 2016, 9, 14-20.	5.7	24
29	Reconciling Biodiversity Indicators to Guide Understanding and Action. <i>Conservation Letters</i> , 2016, 9, 405-412.	5.7	50
30	Wildlife population trends in protected areas predicted by national socio-economic metrics and body size. <i>Nature Communications</i> , 2016, 7, 12747.	12.8	132
31	Correlates of extinction risk in squamate reptiles: the relative importance of biology, geography, threat and range size. <i>Global Ecology and Biogeography</i> , 2016, 25, 391-405.	5.8	121
32	Why Huddle? Ecological Drivers of Chick Aggregations in Gentoo Penguins, <i>Pygoscelis papua</i> , across Latitudes. <i>PLoS ONE</i> , 2016, 11, e0145676.	2.5	10
33	Conservation prioritization in the context of uncertainty. <i>Animal Conservation</i> , 2015, 18, 315-317.	2.9	14
34	Toward equality of biodiversity knowledge through technology transfer. <i>Conservation Biology</i> , 2015, 29, 1290-1302.	4.7	8
35	Cost-effective assessment of extinction risk with limited information. <i>Journal of Applied Ecology</i> , 2015, 52, 861-870.	4.0	43
36	Indicators for wild animal offtake: methods and case study for African mammals and birds. <i>Ecology and Society</i> , 2015, 20, .	2.3	29

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37	Multiple drivers of decline in the global status of freshwater crayfish (Decapoda: Astacidea). Philosophical Transactions of the Royal Society B: Biological Sciences, 2015, 370, 20140060.	4.0	225
38	Global evolutionary isolation measures can capture key local conservation species in Nearctic and Neotropical bird communities. Philosophical Transactions of the Royal Society B: Biological Sciences, 2015, 370, 20140013.	4.0	28
39	Inferring species extinction: the use of sighting records. Methods in Ecology and Evolution, 2015, 6, 678-687.	5.2	59
40	Historical drivers of extinction risk: using past evidence to direct future monitoring. Proceedings of the Royal Society B: Biological Sciences, 2015, 282, 20150928.	2.6	30
41	Global effects of land use on local terrestrial biodiversity. Nature, 2015, 520, 45-50.	27.8	2,669
42	The use of opportunistic data for IUCN Red List assessments. Biological Journal of the Linnean Society, 2015, 115, 690-706.	1.6	99
43	Temporal correlations in population trends: Conservation implications from time-series analysis of diverse animal taxa. Biological Conservation, 2015, 192, 247-257.	4.1	52
44	An assessment of threats to Anatidae in Iran. Bird Conservation International, 2015, 25, 242-257.	1.3	7
45	Predicting the conservation status of data-deficient species. Conservation Biology, 2015, 29, 250-259.	4.7	254
46	Simplification of Caribbean Reef-Fish Assemblages over Decades of Coral Reef Degradation. PLoS ONE, 2015, 10, e0126004.	2.5	68
47	Fiddling in biodiversity hotspots while deserts burn? Collapse of the Sahara's megafauna. Diversity and Distributions, 2014, 20, 114-122.	4.1	102
48	Effects of directional environmental change on extinction dynamics in experimental microbial communities are predicted by a simple model. Oikos, 2014, 123, 141-150.	2.7	9
49	The PREDICTS database: a global database of how local terrestrial biodiversity responds to human impacts. Ecology and Evolution, 2014, 4, 4701-4735.	1.9	178
50	Global patterns of freshwater species diversity, threat and endemism. Global Ecology and Biogeography, 2014, 23, 40-51.	5.8	486
51	Complexity is costly: a meta-analysis of parametric and non-parametric methods for short-term population forecasting. Oikos, 2014, 123, 652-661.	2.7	81
52	Defaunation in the Anthropocene. Science, 2014, 345, 401-406.	12.6	2,810
53	Use it or lose it: measuring trends in wild species subject to substantial use. Oryx, 2014, 48, 420-429.	1.0	15
54	Taking the measure of change. Science, 2014, 346, 166-167.	12.6	59

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55	Effects of Recent Environmental Change on Accuracy of Inferences of Extinction Status. Conservation Biology, 2014, 28, 971-981.	4.7	11
56	Long-term data for endemic frog genera reveal potential conservation crisis in the Bale Mountains, Ethiopia. Oryx, 2013, 47, 59-69.	1.0	22
57	Experimentally testing the accuracy of an extinction estimator: <sc>S</sc>low's optimal linear estimation model. Journal of Animal Ecology, 2013, 82, 345-354.	2.8	47
58	The conservation status of the world's reptiles. Biological Conservation, 2013, 157, 372-385.	4.1	642
59	A new method for identifying rapid decline dynamics in wild vertebrate populations. Ecology and Evolution, 2013, 3, 2378-2391.	1.9	42
60	Interactions between assembly order and temperature can alter both short- and long-term community composition. Ecology and Evolution, 2013, 3, 5201-5208.	1.9	27
61	Bridging the biodiversity data gaps: Recommendations to meet users' data needs. Biodiversity Informatics, 2013, 8, .	3.0	33
62	The Population Decline and Extinction of Darwin's Frogs. PLoS ONE, 2013, 8, e66957.	2.5	31
63	The Arctic Species Trend Index: using vertebrate population trends to monitor the health of a rapidly changing ecosystem. Biodiversity, 2012, 13, 144-156.	1.1	14
64	Forgotten Biodiversity in Desert Ecosystems. Science, 2012, 336, 1379-1380.	12.6	110
65	Data uncertainty and the selectivity of extinction risk in freshwater invertebrates. Diversity and Distributions, 2012, 18, 1211-1220.	4.1	40
66	The growing availability of invertebrate extinction risk assessments – A response to Cardoso et al. (October 2011): Adapting the IUCN Red List criteria for invertebrates. Biological Conservation, 2012, 149, 145-146.	4.1	9
67	Red flags: correlates of impaired species recovery. Trends in Ecology and Evolution, 2012, 27, 542-546.	8.7	34
68	Making Robust Policy Decisions Using Global Biodiversity Indicators. PLoS ONE, 2012, 7, e41128.	2.5	75
69	Linked indicator sets for addressing biodiversity loss. Oryx, 2011, 45, 411-419.	1.0	70
70	Field surveys for the Endangered pygmy hippopotamus <i>Choeropsis liberiensis</i> in Sapo National Park, Liberia. Oryx, 2011, 45, 35-37.	1.0	15
71	Predicting how populations decline to extinction. Philosophical Transactions of the Royal Society B: Biological Sciences, 2011, 366, 2577-2586.	4.0	95
72	Long-term trends in the abundance of Mediterranean wetland vertebrates: From global recovery to localized declines. Biological Conservation, 2011, 144, 1392-1399.	4.1	40

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73	Establishing IUCN Red List Criteria for Threatened Ecosystems. Conservation Biology, 2011, 25, 21-29.	4.7	132
74	The Why, What, and How of Global Biodiversity Indicators Beyond the 2010 Target. Conservation Biology, 2011, 25, 450-457.	4.7	109
75	Investing in evolutionary history: implementing a phylogenetic approach for mammal conservation. Philosophical Transactions of the Royal Society B: Biological Sciences, 2011, 366, 2611-2622.	4.0	122
76	National Red Listing Beyond the 2010 Target. Conservation Biology, 2010, 24, 1012-1020.	4.7	80
77	BIODIVERSITY RESEARCH: When is a species really extinct? Testing extinction inference from a sighting record to inform conservation assessment. Diversity and Distributions, 2010, 16, 755-764.	4.1	37
78	Spatial and temporal extinction dynamics in a freshwater cetacean. Proceedings of the Royal Society B: Biological Sciences, 2010, 277, 3139-3147.	2.6	47
79	Barometer of Life: Sampling. Science, 2010, 329, 140-140.	12.6	14
80	National Indicators Show Biodiversity Progressâ€”Response. Science, 2010, 329, 900-901.	12.6	10
81	Global biodiversity monitoring. Frontiers in Ecology and the Environment, 2010, 8, 459-460.	4.0	70
82	Population and geographic range dynamics: implications for conservation planning. Philosophical Transactions of the Royal Society B: Biological Sciences, 2010, 365, 3743-3751.	4.0	39
83	Biodiversity in a forest-agriculture mosaic â€” The changing face of West African rainforests. Biological Conservation, 2010, 143, 2341-2350.	4.1	218
84	Large mammal population declines in Africaâ€™s protected areas. Biological Conservation, 2010, 143, 2221-2228.	4.1	537
85	The Impact of Conservation on the Status of the Worldâ€™s Vertebrates. Science, 2010, 330, 1503-1509.	12.6	1,209
86	Global Biodiversity: Indicators of Recent Declines. Science, 2010, 328, 1164-1168.	12.6	3,642
87	Tracking Progress Toward the 2010 Biodiversity Target and Beyond. Science, 2009, 325, 1503-1504.	12.6	194
88	Monitoring Change in Vertebrate Abundance: the Living Planet Index. Conservation Biology, 2009, 23, 317-327.	4.7	336
89	Pragmatism and Practice in Classifying Threats: Reply to Balmford et al.. Conservation Biology, 2009, 23, 488-493.	4.7	16
90	Freshwater crabs and the biodiversity crisis: Importance, threats, status, and conservation challenges. Biological Conservation, 2009, 142, 1665-1673.	4.1	260

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91	Odonata enter the biodiversity crisis debate: The first global assessment of an insect group. Biological Conservation, 2009, 142, 1864-1869.	4.1	286
92	Biodiversity Conservation and the Millennium Development Goals. Science, 2009, 325, 1502-1503.	12.6	216
93	Probabilistic methods for determining extinction chronologies. , 2009, , 181-192.		9
94	A Standard Lexicon for Biodiversity Conservation: Unified Classifications of Threats and Actions. Conservation Biology, 2008, 22, 897-911.	4.7	565
95	The Status of the World's Land and Marine Mammals: Diversity, Threat, and Knowledge. Science, 2008, 322, 225-230.	12.6	1,215
96	Toward monitoring global biodiversity. Conservation Letters, 2008, 1, 18-26.	5.7	144
97	The Tropical Biodiversity Data Gap: Addressing Disparity in Global Monitoring. Tropical Conservation Science, 2008, 1, 75-88.	1.2	218
98	Mammals on the EDGE: Conservation Priorities Based on Threat and Phylogeny. PLoS ONE, 2007, 2, e296.	2.5	772
99	Improvements to the Red List Index. PLoS ONE, 2007, 2, e140.	2.5	253
100	Extinction Risk: A Comparative Analysis of Central Asian Vertebrates. Biodiversity and Conservation, 2006, 15, 1859-1871.	2.6	48
101	Biological correlates of description date in carnivores and primates. Global Ecology and Biogeography, 2004, 13, 459-467.	5.8	81
102	Correlates of extinction risk: phylogeny, biology, threat and scale. , 2001, , 295-316.		52