

Rob Heinsohn

List of Publications by Year in descending order

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Version: 2024-02-01

129
papers

5,557
citations

109321

35
h-index

91884

69
g-index

133
all docs

133
docs citations

133
times ranked

5567
citing authors

#	ARTICLE	IF	CITATIONS
1	Declining body size: a third universal response to warming?. Trends in Ecology and Evolution, 2011, 26, 285-291.	8.7	845
2	Animal personality: what are behavioural ecologists measuring?. Biological Reviews, 2013, 88, 465-475.	10.4	499
3	Complex cooperative strategies in group-territorial African lions. Science, 1995, 269, 1260-1262.	12.6	359
4	The cost of helping. Trends in Ecology and Evolution, 1999, 14, 53-57.	8.7	197
5	How not to measure boldness: novel object and antipredator responses are not the same in wild baboons. Animal Behaviour, 2012, 84, 603-609.	1.9	159
6	Extreme Reversed Sexual Dichromatism in a Bird Without Sex Role Reversal. Science, 2005, 309, 617-619.	12.6	153
7	Ecological and socio-economic factors affecting extinction risk in parrots. Biodiversity and Conservation, 2016, 25, 205-223.	2.6	145
8	Boldness, trappability and sampling bias in wild lizards. Animal Behaviour, 2012, 83, 1051-1058.	1.9	140
9	Extreme bias in sex allocation in Eclectus parrots. Proceedings of the Royal Society B: Biological Sciences, 1997, 264, 1325-1329.	2.6	113
10	Visual mimicry of host nestlings by cuckoos. Proceedings of the Royal Society B: Biological Sciences, 2011, 278, 2455-2463.	2.6	111
11	Experimental Manipulation of Brood Reduction and Parental Care in Cooperatively Breeding White-Winged Choughs. Journal of Animal Ecology, 1997, 66, 683.	2.8	103
12	Social networks created with different techniques are not comparable. Animal Behaviour, 2014, 96, 59-67.	1.9	102
13	Brood Parasitism and the Evolution of Cooperative Breeding in Birds. Science, 2013, 342, 1506-1508.	12.6	101
14	Coalitions of relatives and reproductive skew in cooperatively breeding white-winged choughs. Proceedings of the Royal Society B: Biological Sciences, 2000, 267, 243-249.	2.6	99
15	Shifting latitudinal clines in avian body size correlate with global warming in Australian passerines. Proceedings of the Royal Society B: Biological Sciences, 2009, 276, 3845-3852.	2.6	95
16	Deception by helpers in cooperatively breeding white-winged choughs and its experimental manipulation. Behavioral Ecology and Sociobiology, 1997, 41, 251-256.	1.4	85
17	Breeding biology of the reverse-dichromatic, co-operative parrot Eclectus roratus. Journal of Zoology, 2003, 259, 197-208.	1.7	74
18	Overlap and competition for nest holes among eclectus parrots, palm cockatoos and sulphur-crested cockatoos. Australian Journal of Zoology, 2003, 51, 81.	1.0	66

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19	Group territoriality in two populations of African lions. <i>Animal Behaviour</i> , 1997, 53, 1143-1147.	1.9	64
20	Cryptic genes revealed in pallid cuckoos <i>Cuculus pallidus</i> using reflectance spectrophotometry. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2006, 273, 1929-1934.	2.6	64
21	Personality and plasticity: temporal behavioural reaction norms in a lizard, the Namibian rock agama. <i>Animal Behaviour</i> , 2012, 84, 471-477.	1.9	64
22	The adaptive significance of ontogenetic colour change in a tropical python. <i>Biology Letters</i> , 2007, 3, 40-43.	2.3	63
23	Social constraint and an absence of sex-biased dispersal drive fine-scale genetic structure in white-winged choughs. <i>Molecular Ecology</i> , 2008, 17, 4346-4358.	3.9	63
24	Discovery of a novel predator reveals extreme but highly variable mortality for an endangered migratory bird. <i>Diversity and Distributions</i> , 2014, 20, 1200-1207.	4.1	62
25	Personality predicts the propensity for social learning in a wild primate. <i>PeerJ</i> , 2014, 2, e283.	2.0	58
26	Location matters: Using spatially explicit occupancy models to predict the distribution of the highly mobile, endangered swift parrot. <i>Biological Conservation</i> , 2014, 176, 99-108.	4.1	57
27	Unsustainable harvest of dugongs in Torres Strait and Cape York (Australia) waters: two case studies using population viability analysis. <i>Animal Conservation</i> , 2004, 7, 417-425.	2.9	56
28	Evaluating animal personalities: do observer assessments and experimental tests measure the same thing?. <i>Behavioral Ecology and Sociobiology</i> , 2012, 66, 153-160.	1.4	49
29	A severe predator-induced population decline predicted for endangered, migratory swift parrots (<i>Tij ETQq1 1 0.784314 rgBT / Overlook</i>)	4.1	48
30	Nest site selection and efficacy of artificial nests for breeding success of Scarlet Macaws <i>Ara macao</i> in lowland Peru. <i>Journal for Nature Conservation</i> , 2014, 22, 176-185.	1.8	47
31	The breeding biology of palm cockatoos (<i>Probosciger aterrimus</i>): a case of a slow life history. <i>Journal of Zoology</i> , 2003, 261, 327-339.	1.7	45
32	Personality predicts decision making only when information is unreliable. <i>Animal Behaviour</i> , 2013, 86, 633-639.	1.9	44
33	Tool-assisted rhythmic drumming in palm cockatoos shares key elements of human instrumental music. <i>Science Advances</i> , 2017, 3, e1602399.	10.3	44
34	Ground-based survey methods both overestimate and underestimate the abundance of suitable tree-cavities for the endangered Swift Parrot. <i>Emu</i> , 2012, 112, 350-356.	0.6	41
35	Reproductive success and helper effects in the cooperatively breeding grey-crowned babbler. <i>Journal of Zoology</i> , 2007, 273, 326-332.	1.7	38
36	Genetic evidence for cooperative polyandry in reverse dichromatic <i>Ecluctus</i> parrots. <i>Animal Behaviour</i> , 2007, 74, 1047-1054.	1.9	38

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37	Hatching Asynchrony and Brood Reduction in Cooperatively Breeding White-winged Choughs <i>Corcorax melanorhamphos</i> . <i>Emu</i> , 1995, 95, 252-258.	0.6	32
38	The importance of incorporating functional habitats into conservation planning for highly mobile species in dynamic systems. <i>Conservation Biology</i> , 2017, 31, 1018-1028.	4.7	31
39	Variable mating strategies and incest avoidance in cooperatively breeding grey-crowned babbler. <i>Animal Behaviour</i> , 2008, 75, 63-70.	1.9	30
40	Loss of vocal culture and fitness costs in a critically endangered songbird. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20210225.	2.6	30
41	The absence of sex-biased dispersal in the cooperatively breeding grey-crowned babbler. <i>Journal of Animal Ecology</i> , 2011, 80, 69-78.	2.8	29
42	Further knowledge and urgent action required to save Orange-bellied Parrots from extinction. <i>Emu</i> , 2018, 118, 126-134.	0.6	29
43	Loss of habitat for a secondary cavity nesting bird after wildfire. <i>Forest Ecology and Management</i> , 2016, 360, 235-241.	3.2	27
44	Sex ratio bias and shared paternity reduce individual fitness and population viability in a critically endangered parrot. <i>Journal of Animal Ecology</i> , 2019, 88, 502-510.	2.8	27
45	Group composition and reproductive success of cooperatively breeding white-winged choughs (<i>Corcorax melanorhamphos</i>) in urban and non-urban habitat. <i>Austral Ecology</i> , 2006, 31, 588-596.	1.5	26
46	Development of cooperative territoriality in juvenile lions. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1996, 263, 475-479.	2.6	25
47	Undetected Allee effects in Australia's threatened birds: implications for conservation. <i>Emu</i> , 2017, 117, 207-221.	0.6	24
48	A tangled tale of two teal: population history of the grey <i>Anas gracilis</i> and chestnut teal <i>A. castanea</i> of Australia. <i>Journal of Avian Biology</i> , 2009, 40, 430-439.	1.2	23
49	Pre-emptive action as a measure for conserving nomadic species. <i>Journal of Wildlife Management</i> , 2019, 83, 64-71.	1.8	23
50	The ecological basis of unusual sex roles in reverse-dichromatic eclectus parrots. <i>Animal Behaviour</i> , 2008, 76, 97-103.	1.9	22
51	Validation of a landscape-scale planning tool for cavity-dependent wildlife. <i>Austral Ecology</i> , 2014, 39, 579-586.	1.5	22
52	Exploiting the richest patch has a fitness payoff for the migratory swift parrot. <i>Journal of Animal Ecology</i> , 2015, 84, 1194-1201.	2.8	22
53	Vocal complexity in the palm cockatoo (<i>Probosciger aterrimus</i>). <i>Bioacoustics</i> , 2015, 24, 253-267.	1.7	22
54	Availability of nest hollows and breeding population size of eclectus parrots, <i>Eclectus roratus</i> , on Cape York Peninsula, Australia. <i>Wildlife Research</i> , 2004, 31, 149.	1.4	20

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55	Do Palm Cockatoos (<i>Probosciger aterrimus</i>) have long enough lifespans to support their low reproductive success?. <i>Emu</i> , 2009, 109, 183-191.	0.6	20
56	Age- and sex-related differences in the spatial ecology of a dichromatic tropical python (<i>Morelia</i>). <i>Tropical Conservation and Science</i> , 2019, 10, 50-71.	1.5	19
57	Native fly parasites are the principal cause of nestling mortality in endangered Tasmanian pardalotes. <i>Animal Conservation</i> , 2019, 22, 96-103.	2.9	19
58	Adaptive Secondary Sex Ratio Adjustments via Sex-Specific Infanticide in a Bird. <i>Current Biology</i> , 2011, 21, 1744-1747.	3.9	18
59	An occupancy approach to monitoring regent honeyeaters. <i>Journal of Wildlife Management</i> , 2017, 81, 669-677.	1.8	18
60	Parrots of Oceania – a comparative study of extinction risk. <i>Emu</i> , 2018, 118, 94-112.	0.6	18
61	Spatially and temporally targeted suppression of despotic noisy miners has conservation benefits for highly mobile and threatened woodland birds. <i>Biological Conservation</i> , 2018, 227, 343-351.	4.1	18
62	Winter habitat use by the endangered, migratory Swift Parrot (<i>Lathamus discolor</i>) in New South Wales. <i>Emu</i> , 2008, 108, 81-89.	0.6	17
63	Occupancy patterns of the introduced, predatory sugar glider in Tasmanian forests. <i>Austral Ecology</i> , 2018, 43, 470-475.	1.5	17
64	Contemporary breeding biology of critically endangered Regent Honeyeaters: implications for conservation. <i>Ibis</i> , 2019, 161, 521-532.	1.9	17
65	Genetic evidence confirms severe extinction risk for critically endangered swift parrots: implications for conservation management. <i>Animal Conservation</i> , 2018, 21, 313-323.	2.9	16
66	Do nest boxes breed the target species or its competitors? A case study of a critically endangered bird. <i>Restoration Ecology</i> , 2021, 29, e13319.	2.9	16
67	What drives the illegal parrot trade? Applying a criminological model to market and seizure data in Indonesia. <i>Biological Conservation</i> , 2021, 257, 109098.	4.1	16
68	Life-history traits and ontogenetic colour change in an arboreal tropical python, <i>Morelia viridis</i> . <i>Journal of Zoology</i> , 2006, 270, 399-407.	1.7	15
69	Effect of nest cavity morphology on reproductive success of a critically endangered bird. <i>Emu</i> , 2017, 117, 247-253.	0.6	15
70	Genomic impact of severe population decline in a nomadic songbird. <i>PLoS ONE</i> , 2019, 14, e0223953.	2.5	15
71	Clutch variation and egg rejection in three hosts of the pallid cuckoo, <i>Cuculus pallidus</i> . <i>Behaviour</i> , 2010, 147, 19-36.	0.8	14
72	Biogeographic models of gene flow in two waterfowl of the Australo-Papuan tropics. <i>Ecology and Evolution</i> , 2012, 2, 2803-2814.	1.9	14

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73	Geographic variation in the vocalizations of Australian palm cockatoos (<i>Probosciger aterrimus</i>). <i>Bioacoustics</i> , 2017, 26, 91-108.	1.7	14
74	Genomic population structure aligns with vocal dialects in Palm Cockatoos (<i>Probosciger</i>). <i>Trends in Ecology and Evolution</i> , 2017, 32, 101-109.	0.6	14
75	Photosensitive automated doors to exclude small nocturnal predators from nest boxes. <i>Animal Conservation</i> , 2019, 22, 297-301.	2.9	14
76	Long-term dynamics of a rodent community in an Australian tropical rainforest. <i>Wildlife Research</i> , 1999, 26, 187.	1.4	13
77	Cooperate or speciate: new theory for the distribution of passerine birds. <i>Trends in Ecology and Evolution</i> , 2004, 19, 55-57.	8.7	13
78	Policy failure and conservation paralysis for the critically endangered swift parrot. <i>Pacific Conservation Biology</i> , 2019, 25, 116.	1.0	13
79	Multilocus phylogeography of Australian teals (<i>Anas</i> spp.): a case study of the relationship between vagility and genetic structure. <i>Journal of Avian Biology</i> , 2013, 44, 169-178.	1.2	12
80	Movement tortuosity and speed reveal the trade-offs of crop raiding for African elephants. <i>Animal Behaviour</i> , 2020, 168, 97-108.	1.9	12
81	Retention of transmitter attachments on black cockatoos (<i>Calyptorhynchus</i> spp.). <i>Pacific Conservation Biology</i> , 2013, 19, 55.	1.0	11
82	Interactive impacts of by-catch take and elite consumption of illegal wildlife. <i>Biodiversity and Conservation</i> , 2018, 27, 931-946.	2.6	11
83	Spatial bias in implementation of recovery actions has not improved survival of Orange-bellied Parrots (<i>Neophema chrysogaster</i>). <i>Emu</i> , 2020, 120, 263-268.	0.6	11
84	Comparison of three techniques for genetic estimation of effective population size in a critically endangered parrot. <i>Animal Conservation</i> , 2021, 24, 491-498.	2.9	11
85	Population viability in data deficient nomadic species: What it will take to save regent honeyeaters from extinction. <i>Biological Conservation</i> , 2022, 266, 109430.	4.1	11
86	Microsatellite loci for population and behavioural studies of grey-crowned babbler (<i>Pomatostomus</i>). <i>Trends in Ecology and Evolution</i> , 2017, 32, 101-109.	1.7	10
87	Suitable nesting sites for specialized cavity dependent wildlife are rare in woodlands. <i>Forest Ecology and Management</i> , 2021, 483, 118718.	3.2	10
88	Isolation and characterization of polymorphic microsatellite markers in the white-winged chough (<i>Corcorax melanorhamphos</i>). <i>Molecular Ecology Notes</i> , 2003, 3, 586-588.	1.7	9
89	Story-telling: an essential part of science. <i>Trends in Ecology and Evolution</i> , 2007, 22, 510.	8.7	9
90	Geographic range, population structure and conservation status of the green python (<i>Morelia</i>). <i>Trends in Ecology and Evolution</i> , 2017, 32, 101-109.	1.0	9

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91	Ecology and Evolution of the Enigmatic Eclectus Parrot (<i>Eclectus Roratus</i>). , 2008, 22, 146-150.		9
92	Vocal individuality, but not stability, in wild palm cockatoos (<i>Probosciger aterrimus</i>). Bioacoustics, 2018, 27, 27-42.	1.7	9
93	An Empirical and Mechanistic Explanation of Abundance-Occupancy Relationships for a Critically Endangered Nomadic Migrant. American Naturalist, 2019, 193, 59-69.	2.1	9
94	Sustained and delayed noisy miner suppression at an avian hotspot. Austral Ecology, 2020, 45, 636-643.	1.5	9
95	Kingfishers in paradise: the breeding biology of <i>Tanysiptera sylvia</i> at the Iron Range National Park, Cape York. Australian Journal of Zoology, 2001, 49, 85.	1.0	8
96	Nestling growth and body condition of critically endangered Orange-bellied Parrots <i>Neophema chrysogaster</i> . Emu, 2020, 120, 135-141.	0.6	8
97	Self-fumigation™ of nests by an endangered avian host using insecticide-treated feathers increases reproductive success more than tenfold. Animal Conservation, 2021, 24, 239-245.	2.9	8
98	Advancing Genetic Methods in the Study of Parrot Biology and Conservation. Diversity, 2021, 13, 521.	1.7	8
99	Parrots move to centre stage in conservation and evolution. Emu, 2018, 118, 1-6.	0.6	7
100	Vigilance and Group Size in Emus. Emu, 1998, 98, 324-327.	0.6	6
101	Short-term impacts of prescribed burning on Orange-bellied Parrot (<i>Neophema chrysogaster</i>) food plant abundance. Ecological Management and Restoration, 2020, 21, 211-217.	1.5	6
102	Differences in wing shape of captive, critically endangered, migratory Orange-bellied Parrot <i>Neophema chrysogaster</i> relative to wild conspecifics. Emu, 2021, 121, 178-186.	0.6	6
103	Poor-quality monitoring data underestimate the impact of Australia's megafires on a critically endangered songbird. Diversity and Distributions, 2022, 28, 506-514.	4.1	6
104	A range-wide monitoring programme for a critically endangered nomadic bird. Austral Ecology, 2022, 47, 251-260.	1.5	6
105	Mistletoes could moderate drought impacts on birds, but are themselves susceptible to drought-induced dieback. Proceedings of the Royal Society B: Biological Sciences, 2022, 289, .	2.6	6
106	Modelling dispersal in a large parrot: a comparison of landscape resistance models with population genetics and vocal dialect patterns. Landscape Ecology, 2020, 35, 129-144.	4.2	5
107	Slow breeding rates and low population connectivity indicate Australian palm cockatoos are in severe decline. Biological Conservation, 2021, 253, 108865.	4.1	5
108	Utilization of modified and artificial nests by endemic and introduced parrots on Norfolk Island. Restoration Ecology, 2022, 30, e13586.	2.9	5

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109	Effects of non-random juvenile mortality on small, inbred populations. <i>Biological Conservation</i> , 2022, 268, 109504.	4.1	5
110	Cooperative breeding in Hooded Pitohuis <i>Pitohui dichrous</i> . <i>Emu</i> , 1996, 96, 139-140.	0.6	4
111	Vulnerability of megapodes (Megapodiidae, Aves) to climate change and related threats. <i>Environmental Conservation</i> , 2018, 45, 396-406.	1.3	4
112	Breeding biology of three large, sympatric rainforest parrots in New Guinea: Palm Cockatoo, Pesquet's Parrot and Eclectus Parrot. <i>Emu</i> , 2019, 119, 196-204.	0.6	4
113	Can an introduced predator select for adaptive sex allocation?. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20210093.	2.6	4
114	Population genetic structure and dispersal patterns of a cooperative breeding bird in variable environmental conditions. <i>Animal Behaviour</i> , 2022, 183, 127-137.	1.9	4
115	Microsatellite loci for behavioural studies of rainbow bee-eaters (<i>Merops ornatus</i> : Aves). <i>Molecular Ecology Notes</i> , 2006, 6, 734-736.	1.7	3
116	Does clutch variability differ between populations of cuckoo hosts in relation to the rate of parasitism?. <i>Animal Behaviour</i> , 2011, 81, 307-312.	1.9	3
117	All the eggs in one basket: Are island refuges securing an endangered passerine?. <i>Austral Ecology</i> , 2019, 44, 523-533.	1.5	3
118	Overlap in the wing shape of migratory, nomadic and sedentary grass parrots. <i>Journal of Avian Biology</i> , 2020, 51, .	1.2	3
119	Automated broadcast of a predator call did not reduce predation pressure by Sugar Gliders on birds. <i>Ecological Management and Restoration</i> , 2020, 21, 247-249.	1.5	3
120	Evaluation of intervention aimed at improving reproductive success in Orange-bellied Parrots <i>Neophema chrysogaster</i> : Lessons, barriers and successes. <i>Ecological Management and Restoration</i> , 2020, 21, 205-210.	1.5	3
121	Evaluation of lethal control of introduced sugar gliders as a tool to relieve bird nest predation. <i>Pacific Conservation Biology</i> , 2021, 27, 231.	1.0	3
122	Wildlife Trade Influencing Natural Parrot Populations on a Biodiverse Indonesian Island. <i>Diversity</i> , 2021, 13, 483.	1.7	3
123	Microsatellite loci for behavioural studies of Eclectus parrot (<i>Eclectus roratus</i> : Aves). <i>Molecular Ecology Notes</i> , 2005, 5, 616-618.	1.7	2
124	Responses of Critically Endangered migratory Swift Parrots to variable winter drought. <i>Emu</i> , 2016, 116, 350-359.	0.6	2
125	Ornithology of New Guinea and the Indo-Pacific Islands: introduction to the special issue of <i>Emu</i> "Austral Ornithology and a dedication to Paul Iqag". <i>Emu</i> , 2019, 119, 191-195.	0.6	2
126	Landscape-scale distribution of nest predators and its relationship with regent honeyeater nest success. <i>Austral Ecology</i> , 0, , .	1.5	2

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127	A PCR-Based Retrospective Study for Beak and Feather Disease Virus (BFDV) in Five Wild Populations of Parrots from Australia, Argentina and New Zealand. <i>Diversity</i> , 2022, 14, 148.	1.7	2
128	The lengths birds will go to avoid incest. <i>Journal of Animal Ecology</i> , 2012, 81, 735-737.	2.8	1
129	Parental care does not compensate for the effects of bad years on reproductive success of a vagile bird. <i>Journal of Zoology</i> , 2021, 314, 256-265.	1.7	1