

# Joseph A Tobias

## List of Publications by Year in Descending Order

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**Version:** 2024-04-28

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

125  
papers

6,655  
citations

44  
h-index

79  
g-index

146  
ext. papers

8,740  
ext. citations

7.6  
avg, IF

6.17  
L-index

#	Paper	IF	Citations
125	The Meidum geese revisited: Early historical art is not a suitable basis for taxonomic speculation. <i>Journal of Archaeological Science: Reports</i> , <b>2022</b> , 41, 103322	0.7	
124	A test of Darwin's naturalization conundrum in birds reveals enhanced invasion success in the presence of close relatives.. <i>Ecology Letters</i> , <b>2022</b> , 25, 661-672	10	1
123	Global plant-frugivore trait matching is shaped by climate and biogeographic history.. <i>Ecology Letters</i> , <b>2022</b> , 25, 686-696	10	2
122	The causes and ecological context of rapid morphological evolution in birds.. <i>Ecology Letters</i> , <b>2022</b> , 25, 611-623	10	2
121	Global impacts of climate change on avian functional diversity.. <i>Ecology Letters</i> , <b>2022</b> , 25, 673-685	10	2
120	The latitudinal gradient in rates of evolution for bird beaks, a species interaction trait.. <i>Ecology Letters</i> , <b>2022</b> , 25, 635-646	10	5
119	AVONET: morphological, ecological and geographical data for all birds.. <i>Ecology Letters</i> , <b>2022</b> , 25, 581-597	10	21
118	Assessing taxonomic and functional change in British breeding bird assemblages over time. <i>Global Ecology and Biogeography</i> , <b>2022</b> , 31, 925-939	6.1	1
117	Diversity and extinction risk are inversely related at a global scale.. <i>Ecology Letters</i> , <b>2022</b> , 25, 697-707	10	1
116	Loss of functional diversity through anthropogenic extinctions of island birds is not offset by biotic invasions. <i>Science Advances</i> , <b>2021</b> , 7, eabj5790	14.3	4
115	Trophic niche shifts and phenotypic trait evolution are largely decoupled in Australasian parrots. <i>Bmc Ecology and Evolution</i> , <b>2021</b> , 21, 212	2.1	
114	Identifying the Drivers of Spatial Taxonomic and Functional Beta-Diversity of British Breeding Birds. <i>Frontiers in Ecology and Evolution</i> , <b>2021</b> , 9,	3.7	1
113	Ecological Correlates of Elevational Range Shifts in Tropical Birds. <i>Frontiers in Ecology and Evolution</i> , <b>2021</b> , 9,	3.7	5
112	The island rule explains consistent patterns of body size evolution in terrestrial vertebrates. <i>Nature Ecology and Evolution</i> , <b>2021</b> , 5, 768-786	12.3	22
111	Performance of a points-based scoring system for assessing species limits in birds. <i>Auk</i> , <b>2021</b> , 138,	2.1	2
110	Effects of land-use change on avian taxonomic, functional and phylogenetic diversity in a tropical montane rainforest. <i>Diversity and Distributions</i> , <b>2021</b> , 27, 1732-1746	5	2
109	Diversity of response and effect traits provides complementary information about avian community dynamics linked to ecological function. <i>Functional Ecology</i> , <b>2021</b> , 35, 1938-1950	5.6	1

108	Improving Predictions of Climate Change-Land Use Change Interactions. <i>Trends in Ecology and Evolution</i> , <b>2021</b> , 36, 29-38	10.9	14
107	Assessing tropical forest restoration after fire using birds as indicators: An afrotropical case study. <i>Forest Ecology and Management</i> , <b>2021</b> , 483, 118765	3.9	2
106	Tempo and mode of morphological evolution are decoupled from latitude in birds. <i>PLoS Biology</i> , <b>2021</b> , 19, e3001270	9.7	1
105	Ecological drivers of global gradients in avian dispersal inferred from wing morphology. <i>Nature Communications</i> , <b>2020</b> , 11, 2463	17.4	67
104	The worldwide impact of urbanisation on avian functional diversity. <i>Ecology Letters</i> , <b>2020</b> , 23, 962-972	10	44
103	Contrasting trajectories of morphological diversification on continents and islands in the Afrotropical white-eye radiation. <i>Journal of Biogeography</i> , <b>2020</b> , 47, 2235-2247	4.1	3
102	Open Science principles for accelerating trait-based science across the Tree of Life. <i>Nature Ecology and Evolution</i> , <b>2020</b> , 4, 294-303	12.3	54
101	A large-scale assessment of plant dispersal mode and seed traits across human-modified Amazonian forests. <i>Journal of Ecology</i> , <b>2020</b> , 108, 1373-1385	6	12
100	Macroevolutionary convergence connects morphological form to ecological function in birds. <i>Nature Ecology and Evolution</i> , <b>2020</b> , 4, 230-239	12.3	125
99	Weak asymmetric interspecific aggression and divergent habitat preferences at an elevational contact zone between tropical songbirds. <i>Ibis</i> , <b>2020</b> , 162, 814-826	1.9	3
98	TRY plant trait database - enhanced coverage and open access. <i>Global Change Biology</i> , <b>2020</b> , 26, 119-188	11.4	399
97	Can avian functional traits predict cultural ecosystem services?. <i>People and Nature</i> , <b>2020</b> , 2, 138-151	5.9	11
96	Ecological and morphological determinants of evolutionary diversification in Darwin's finches and their relatives. <i>Ecology and Evolution</i> , <b>2020</b> , 10, 14020-14032	2.8	5
95	Avian Diversity: Speciation, Macroevolution, and Ecological Function. <i>Annual Review of Ecology, Evolution, and Systematics</i> , <b>2020</b> , 51, 533-560	13.5	29
94	Mediation of area and edge effects in forest fragments by adjacent land use. <i>Conservation Biology</i> , <b>2020</b> , 34, 395-404	6	12
93	Range-wide spatial mapping reveals convergent character displacement of bird song. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2019</b> , 286, 20190443	4.4	13
92	Land-sparing agriculture sustains higher levels of avian functional diversity than land sharing. <i>Global Change Biology</i> , <b>2019</b> , 25, 1576-1590	11.4	25
91	Connectivity with primary forest determines the value of secondary tropical forests for bird conservation. <i>Biotropica</i> , <b>2019</b> , 51, 219-233	2.3	10

90	Integrating behaviour and ecology into global biodiversity conservation strategies. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , <b>2019</b> , 374, 20190012	5.8	24
89	Evolution of avian egg shape: underlying mechanisms and the importance of taxonomic scale. <i>Ibis</i> , <b>2019</b> , 161, 922-925	1.9	12
88	Behavior influences range limits and patterns of coexistence across an elevational gradient in tropical birds. <i>Ecography</i> , <b>2019</b> , 42, 1832-1840	6.5	20
87	Movement ecology of Afrotropical birds: Functional traits provide complementary insights to species identity. <i>Biotropica</i> , <b>2019</b> , 51, 894-902	2.3	7
86	Dietary niche and the evolution of cranial morphology in birds. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2019</b> , 286, 20182677	4.4	32
85	Extinction filters mediate the global effects of habitat fragmentation on animals. <i>Science</i> , <b>2019</b> , 366, 1236-1239	33.3	86
84	Applying habitat and population-density models to land-cover time series to inform IUCN Red List assessments. <i>Conservation Biology</i> , <b>2019</b> , 33, 1084-1093	6	28
83	Flight range, fuel load and the impact of climate change on the journeys of migrant birds. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2018</b> , 285,	4.4	26
82	Diversification by host switching and dispersal shaped the diversity and distribution of avian malaria parasites in Amazonia. <i>Oikos</i> , <b>2018</b> , 127, 1233-1242	4	29
81	Ecological drivers of song evolution in birds: Disentangling the effects of habitat and morphology. <i>Ecology and Evolution</i> , <b>2018</b> , 8, 1890-1905	2.8	42
80	Habitat fragmentation narrows the distribution of avian functional traits associated with seed dispersal in tropical forest. <i>Perspectives in Ecology and Conservation</i> , <b>2018</b> , 16, 90-96	3.5	26
79	Environmentally and behaviourally mediated co-occurrence of functional traits in bird communities of tropical forest fragments. <i>Oikos</i> , <b>2018</b> , 127, 274-284	4	14
78	Trait-based indicators of bird species sensitivity to habitat loss are effective within but not across data sets. <i>Ecological Applications</i> , <b>2018</b> , 28, 28-34	4.9	16
77	The macroecological dynamics of species coexistence in birds. <i>Nature Ecology and Evolution</i> , <b>2018</b> , 2, 1112-1119	12.3	22
76	Tempo and timing of ecological trait divergence in bird speciation. <i>Nature Ecology and Evolution</i> , <b>2018</b> , 2, 1120-1127	12.3	28
75	Contrasting impacts of competition on ecological and social trait evolution in songbirds. <i>PLoS Biology</i> , <b>2018</b> , 16, e2003563	9.7	28
74	Contrasting impacts of land-use change on phylogenetic and functional diversity of tropical forest birds. <i>Journal of Applied Ecology</i> , <b>2018</b> , 55, 1604-1614	5.8	34
73	Multi-modal signal evolution in birds: re-examining a standard proxy for sexual selection. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2018</b> , 285,	4.4	16

72	Sperm and sex peptide stimulate aggression in female <i>Drosophila</i> . <i>Nature Ecology and Evolution</i> , <b>2017</b> , 1, 0154	12.3	47
71	How do seemingly non-vagile clades accomplish trans-marine dispersal? Trait and dispersal evolution in the landfowl (Aves: Galliformes). <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2017</b> , 284,	4.4	25
70	Sexual selection, speciation and constraints on geographical range overlap in birds. <i>Ecology Letters</i> , <b>2017</b> , 20, 863-871	10	28
69	Avian egg shape: Form, function, and evolution. <i>Science</i> , <b>2017</b> , 356, 1249-1254	33.3	93
68	Host associations and turnover of haemosporidian parasites in manakins (Aves: Pipridae). <i>Parasitology</i> , <b>2017</b> , 144, 984-993	2.7	17
67	Song evolution, speciation, and vocal learning in passerine birds. <i>Evolution; International Journal of Organic Evolution</i> , <b>2017</b> , 71, 786-796	3.8	63
66	Reductions in global biodiversity loss predicted from conservation spending. <i>Nature</i> , <b>2017</b> , 551, 364-367	50.4	150
65	Bird and bat species' global vulnerability to collision mortality at wind farms revealed through a trait-based assessment. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2017</b> , 284,	4.4	58
64	Causes and Consequences of Behavioral Interference between Species. <i>Trends in Ecology and Evolution</i> , <b>2017</b> , 32, 760-772	10.9	80
63	Toward a scoring system for species delimitation: a response to Remsen. <i>Journal of Field Ornithology</i> , <b>2016</b> , 87, 104-115	0.9	8
62	Functional traits reveal the expansion and packing of ecological niche space underlying an elevational diversity gradient in passerine birds. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2016</b> , 283,	4.4	122
61	Energetic Constraints on Species Coexistence in Birds. <i>PLoS Biology</i> , <b>2016</b> , 14, e1002407	9.7	28
60	Territoriality, Social Bonds, and the Evolution of Communal Signaling in Birds. <i>Frontiers in Ecology and Evolution</i> , <b>2016</b> , 4,	3.7	61
59	Contrasting Patterns of Species Richness and Functional Diversity in Bird Communities of East African Cloud Forest Fragments. <i>PLoS ONE</i> , <b>2016</b> , 11, e0163338	3.7	14
58	Widespread correlations between climatic niche evolution and species diversification in birds. <i>Journal of Animal Ecology</i> , <b>2016</b> , 85, 869-78	4.7	32
57	Using avian functional traits to assess the impact of land-cover change on ecosystem processes linked to resilience in tropical forests. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2016</b> , 283,	4.4	72
56	Quantifying species contributions to ecosystem processes: a global assessment of functional trait and phylogenetic metrics across avian seed-dispersal networks. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2016</b> , 283,	4.4	49
55	Biodiversity in the Anthropocene: prospects and policy. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2016</b> , 283,	4.4	60

54	Species interactions regulate the collapse of biodiversity and ecosystem function in tropical forest fragments. <i>Ecology</i> , <b>2015</b> , 96, 2692-704	4.6	40
53	Biodiversity: Hidden impacts of logging. <i>Nature</i> , <b>2015</b> , 523, 163-4	50.4	6
52	Ecological traits reveal functional nestedness of bird communities in habitat islands: a global survey. <i>Oikos</i> , <b>2015</b> , 124, 817-826	4	16
51	Condition, not eyespan, predicts contest outcome in female stalk-eyed flies, <i>Teleopsis dalmanni</i> . <i>Ecology and Evolution</i> , <b>2015</b> , 5, 1826-36	2.8	8
50	Dispersal and the transition to sympatry in vertebrates. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2015</b> , 282, 20141929	4.4	49
49	Species coexistence and the dynamics of phenotypic evolution in adaptive radiation. <i>Nature</i> , <b>2014</b> , 506, 359-63	50.4	136
48	Species interactions and the structure of complex communication networks. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2014</b> , 111, 1020-5	11.5	76
47	Global patterns and predictors of bird species responses to forest fragmentation: Implications for ecosystem function and conservation. <i>Biological Conservation</i> , <b>2014</b> , 169, 372-383	6.2	193
46	Maintaining ecosystem function and services in logged tropical forests. <i>Trends in Ecology and Evolution</i> , <b>2014</b> , 29, 511-20	10.9	223
45	Unraveling the interplay of community assembly processes acting on multiple niche axes across spatial scales. <i>American Naturalist</i> , <b>2014</b> , 184, 593-608	3.7	54
44	Immigration and dispersal are key determinants of cultural diversity in a songbird population. <i>Behavioral Ecology</i> , <b>2014</b> , 25, 744-753	2.3	24
43	Captive rearing experiments confirm song development without learning in a tracheophone subsongbird. <i>PLoS ONE</i> , <b>2014</b> , 9, e95746	3.7	35
42	Species interactions constrain geographic range expansion over evolutionary time. <i>Ecology Letters</i> , <b>2013</b> , 16, 330-8	10	155
41	A comprehensive molecular phylogeny for the hornbills (Aves: Bucerotidae). <i>Molecular Phylogenetics and Evolution</i> , <b>2013</b> , 67, 468-83	4.1	21
40	Sexual selection accelerates signal evolution during speciation in birds. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2013</b> , 280, 20131065	4.4	133
39	Environmental stability and the evolution of cooperative breeding in hornbills. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2013</b> , 280, 20131297	4.4	39
38	Bird conservation in tropical ecosystems <b>2013</b> , 258-276		30
37	Correlated evolution of beak morphology and song in the neotropical woodcreeper radiation. <i>Evolution; International Journal of Organic Evolution</i> , <b>2012</b> , 66, 2784-97	3.8	68

36	The latitudinal gradient in dispersal constraints: ecological specialisation drives diversification in tropical birds. <i>Ecology Letters</i> , <b>2012</b> , 15, 847-55	10	96
35	The evolution of female ornaments and weaponry: social selection, sexual selection and ecological competition. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , <b>2012</b> , 367, 2274-93	5.8	287
34	A robust new metric of phenotypic distance to estimate and compare multiple trait differences among populations. <i>Environmental Epigenetics</i> , <b>2012</b> , 58, 426-439	2.4	24
33	Year-round resource defence and the evolution of male and female song in suboscine birds: social armaments are mutual ornaments. <i>Journal of Evolutionary Biology</i> , <b>2011</b> , 24, 2118-38	2.3	77
32	Using learning networks to understand complex systems: a case study of biological, geophysical and social research in the Amazon. <i>Biological Reviews</i> , <b>2011</b> , 86, 457-74	13.5	34
31	Quantitative criteria for species delimitation. <i>Ibis</i> , <b>2010</b> , 152, 724-746	1.9	177
30	Song divergence by sensory drive in Amazonian birds. <i>Evolution; International Journal of Organic Evolution</i> , <b>2010</b> , 64, 2820-39	3.8	119
29	Human Vision Can Provide a Valid Proxy for Avian Perception of Sexual Dichromatism. <i>Auk</i> , <b>2010</b> , 127, 283-292	2.1	74
28	Character displacement from the receiver's perspective: species and mate recognition despite convergent signals in suboscine birds. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2010</b> , 277, 2475-83	4.4	74
27	The impact of conservation on the status of the world's vertebrates. <i>Science</i> , <b>2010</b> , 330, 1503-9	33.3	948
26	Signal jamming mediates sexual conflict in a duetting bird. <i>Current Biology</i> , <b>2009</b> , 19, 577-82	6.3	57
25	Sexual selection and ecological generalism are correlated in antbirds. <i>Journal of Evolutionary Biology</i> , <b>2009</b> , 22, 623-36	2.3	21
24	Signal design and perception in Hypocnemis antbirds: evidence for convergent evolution via social selection. <i>Evolution; International Journal of Organic Evolution</i> , <b>2009</b> , 63, 3168-89	3.8	94
23	Distribution, Behavior, and Conservation Status of the Rufous Twistwing ( <i>Cnipodectes superrufus</i> ). <i>Wilson Journal of Ornithology</i> , <b>2008</b> , 120, 38-49	0.4	8
22	Sexually selected traits predict patterns of species richness in a diverse clade of suboscine birds. <i>American Naturalist</i> , <b>2008</b> , 171, 620-31	3.7	97
21	Comment on "The latitudinal gradient in recent speciation and extinction rates of birds and mammals". <i>Science</i> , <b>2008</b> , 319, 901; author reply 901	33.3	52
20	Song divergence at the edge of Amazonia: an empirical test of the peripatric speciation model. <i>Biological Journal of the Linnean Society</i> , <b>2007</b> , 90, 173-188	1.9	63
19	Population size and habitat associations of the Long-tailed Ground-roller <i>Uratelornis chimaera</i> . <i>Bird Conservation International</i> , <b>2007</b> , 17, 1-12	1.7	6

18	Distribution, ecology and conservation status of the Blue-headed Macaw <i>Primolius couloni</i> . <i>Biological Conservation</i> , <b>2007</b> , 139, 126-138	6.2	17
17	Duets defend mates in a suboscine passerine, the warbling antbird ( <i>Hypocnemis cantator</i> ). <i>Behavioral Ecology</i> , <b>2006</b> , 17, 73-83	2.3	72
16	Mating system, philopatry and patterns of kinship in the cooperatively breeding subdesert mesite <i>Monias benschi</i> . <i>Molecular Ecology</i> , <b>2005</b> , 14, 3573-83	5.7	11
15	Male heterozygosity predicts territory size, song structure and reproductive success in a cooperatively breeding bird. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2004</b> , 271, 1823-9	4.4	94
14	Communal singing in the cooperatively breeding subdesert mesite <i>Monias benschi</i> : evidence of numerical assessment?. <i>Journal of Avian Biology</i> , <b>2003</b> , 34, 72-80	1.9	30
13	Group living, breeding behaviour and territoriality in the Subdesert Mesite <i>Monias benschi</i> . <i>Ibis</i> , <b>2003</b> , 145, 277-294	1.9	20
12	BREEDING, FORAGING, AND VOCAL BEHAVIOR OF THE WHITE-THROATED JACAMAR ( <i>BRACHYGALBA ALBOGULARIS</i> ). <i>The Wilson Bulletin</i> , <b>2003</b> , 115, 237-240		3
11	Vocalizations and Display in the Long-tailed Ground-roller ( <i>Uratelornis chimaera</i> ). <i>The Wilson Bulletin</i> , <b>2003</b> , 115, 193-196		3
10	Female begging in European robins: do neighbors eavesdrop for extrapair copulations?. <i>Behavioral Ecology</i> , <b>2002</b> , 13, 637-642	2.3	30
9	New information on the distribution, status and conservation of terrestrial bird species in Grande Terre, New Caledonia. <i>Emu</i> , <b>2002</b> , 102, 197-207	1.1	9
8	VOCAL COMMUNICATION IN THE PALE-WINGED TRUMPETER ( <i>PSOPHIA LEUCOPTERA</i> ): REPERTOIRE, CONTEXT AND FUNCTIONAL REFERENCE. <i>Behaviour</i> , <b>2002</b> , 139, 1331-1359	1.4	32
7	Estimating population size in the subdesert mesite ( <i>Monias benschi</i> ): new methods and implications for conservation. <i>Biological Conservation</i> , <b>2002</b> , 108, 199-212	6.2	14
6	Conservation issues and priorities in the Mikea Forest of south-west Madagascar. <i>Oryx</i> , <b>2000</b> , 34, 287-304.5		58
5	Territoriality as a paternity guard in the European robin, <i>Erithacus rubecula</i> . <i>Animal Behaviour</i> , <b>2000</b> , 60, 165-173	2.8	31
4	THE DISPLAY OF THE WHITE-WINGED NIGHTJAR. <i>Journal of Field Ornithology</i> , <b>2000</b> , 71, 619-626	0.9	6
3	The signal function of overlapping singing in male robins. <i>Animal Behaviour</i> , <b>1997</b> , 53, 249-256	2.8	103
2	Asymmetric territorial contests in the European robin: the role of settlement costs. <i>Animal Behaviour</i> , <b>1997</b> , 54, 9-21	2.8	98
1	The latitudinal gradient in rates of evolution for bird beaks, a species interaction trait		1



