

# Gary R Graves

## List of Publications by Year in descending order

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107  
papers

7,876  
citations

117625

34  
h-index

54911

84  
g-index

114  
all docs

114  
docs citations

114  
times ranked

10709  
citing authors

#	ARTICLE	IF	CITATIONS
1	Whole-genome analyses resolve early branches in the tree of life of modern birds. <i>Science</i> , 2014, 346, 1320-1331.	12.6	1,583
2	An Update of Wallace's Zoogeographic Regions of the World. <i>Science</i> , 2013, 339, 74-78.	12.6	1,087
3	Comparative genomics reveals insights into avian genome evolution and adaptation. <i>Science</i> , 2014, 346, 1311-1320.	12.6	895
4	Patterns and causes of species richness: a general simulation model for macroecology. <i>Ecology Letters</i> , 2009, 12, 873-886.	6.4	286
5	Predicting continental-scale patterns of bird species richness with spatially explicit models. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2007, 274, 165-174.	2.6	271
6	The microbiome of New World vultures. <i>Nature Communications</i> , 2014, 5, 5498.	12.8	264
7	Dense sampling of bird diversity increases power of comparative genomics. <i>Nature</i> , 2020, 587, 252-257.	27.8	251
8	Macroecological signals of species interactions in the Danish avifauna. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 5030-5035.	7.1	229
9	Global phylogeographic limits of Hawaii's avian malaria. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2006, 273, 2935-2944.	2.6	218
10	Comparative Analyses of Vertebrate Gut Microbiomes Reveal Convergence between Birds and Bats. <i>MBio</i> , 2020, 11, .	4.1	204
11	A Multilocus Molecular Phylogeny of the Parrots (Psittaciformes): Support for a Gondwanan Origin during the Cretaceous. <i>Molecular Biology and Evolution</i> , 2008, 25, 2141-2156.	8.9	201
12	Holocene shifts in the assembly of plant and animal communities implicate human impacts. <i>Nature</i> , 2016, 529, 80-83.	27.8	147
13	Bird sequencing project takes off. <i>Nature</i> , 2015, 522, 34-34.	27.8	136
14	Detection of macro-ecological patterns in South American hummingbirds is affected by spatial scale. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2000, 267, 2259-2265.	2.6	117
15	Source pool geometry and the assembly of continental avifaunas. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 7871-7876.	7.1	117
16	Linearity of Geographic Range and Its Possible Effect on the Population Structure of Andean Birds. <i>Auk</i> , 1988, 105, 47-52.	1.4	107
17	Host associations and evolutionary relationships of avian blood parasites from West Africa. <i>International Journal for Parasitology</i> , 2009, 39, 257-266.	3.1	105
18	Elevational Correlates of Speciation and Intraspecific Geographic Variation in Plumage in Andean Forest Birds. <i>Auk</i> , 1985, 102, 556-579.	1.4	100

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19	Phylogenetic uncertainty revisited: Implications for ecological analyses. <i>Evolution; International Journal of Organic Evolution</i> , 2015, 69, 1301-1312.	2.3	98
20	Next-generation sequencing reveals phylogeographic structure and a species tree for recent bird divergences. <i>Molecular Phylogenetics and Evolution</i> , 2012, 62, 397-406.	2.7	82
21	AVIAN HEMATOZOA IN SOUTH AMERICA: A COMPARISON OF TEMPERATE AND TROPICAL ZONES. <i>Ornithological Monographs</i> , 2006, 60, 98.	1.3	74
22	Multiple independent origins of mitochondrial control region duplications in the order Psittaciformes. <i>Molecular Phylogenetics and Evolution</i> , 2012, 64, 342-356.	2.7	72
23	Neotropical Land-Bridge Avifaunas: New Approaches to Null Hypotheses in Biogeography. <i>Oikos</i> , 1983, 41, 322.	2.7	70
24	Stable isotope signature of philopatry and dispersal in a migratory songbird. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 8096-8100.	7.1	68
25	Similarity thresholds used in DNA sequence assembly from short reads can reduce the comparability of population histories across species. <i>PeerJ</i> , 2015, 3, e895.	2.0	59
26	A framework for evaluating the influence of climate, dispersal limitation, and biotic interactions using fossil pollen associations across the late Quaternary. <i>Ecography</i> , 2014, 37, 1095-1108.	4.5	57
27	Opinion: Why we need a centralized repository for isotopic data. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 2997-3001.	7.1	50
28	Project Description: DNA Barcodes of Bird Species in the National Museum of Natural History, Smithsonian Institution, USA. <i>ZooKeys</i> , 2011, 152, 87-91.	1.1	45
29	Body Size and the Occurrence of Avian Species on Land-Bridge Islands. <i>Journal of Biogeography</i> , 1990, 17, 315.	3.0	44
30	GEOGRAPHIC CLINES OF AGE RATIOS OF BLACK-THROATED BLUE WARBLERS ( <i>DENDROICA CAERULESCENS</i> ). <i>Ecology</i> , 1997, 78, 2524-2531.	3.2	39
31	Malarial parasites as geographical markers in migratory birds?. <i>Biology Letters</i> , 2006, 2, 213-216.	2.3	37
32	Comparison of eye morphology and retinal topography in two species of new world vultures (Aves: <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5</i> )	1.4	37
33	Charting the course of reed-warblers across the Pacific islands. <i>Journal of Biogeography</i> , 2011, 38, 1963-1975.	3.0	36
34	Anatomical evidence for scent guided foraging in the turkey vulture. <i>Scientific Reports</i> , 2017, 7, 17408.	3.3	36
35	HABITAT CHARACTERISTICS IN THE CORE BREEDING RANGE OF THE SWAINSON'S WARBLER. <i>The Wilson Bulletin</i> , 2002, 114, 210-220.	0.5	35
36	Dinucleotide microsatellite loci in a migratory wood warbler ( <i>Parulidae: Limnothlypis swainsonii</i> ) and amplification among other songbirds. <i>Molecular Ecology</i> , 1999, 8, 1553-1556.	3.9	34

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37	Reorganization of surviving mammal communities after the end-Pleistocene megafaunal extinction. <i>Science</i> , 2019, 365, 1305-1308.	12.6	33
38	TESTICULAR VOLUME AND ASYMMETRY ARE AGE-DEPENDENT IN BLACK-THROATED BLUE WARBLERS ( <i>DENDROICA CAERULESCENS</i> ). <i>Auk</i> , 2004, 121, 473.	1.4	30
39	Specimen-Based Modeling, Stopping Rules, and the Extinction of the Ivory-Billed Woodpecker. <i>Conservation Biology</i> , 2012, 26, 47-56.	4.7	29
40	Speciation in the Carbonated Flower-Piercer ( <i>Diglossa carbonaria</i> ) Complex of the Andes. <i>Condor</i> , 1982, 84, 1.	1.6	27
41	Pollination of a <i>Tristerix</i> Mistletoe (Loranthaceae) by <i>Diglossa</i> (Aves, Thraupidae). <i>Biotropica</i> , 1982, 14, 316.	1.6	26
42	Investigating Biotic Interactions in Deep Time. <i>Trends in Ecology and Evolution</i> , 2021, 36, 61-75.	8.7	26
43	FACTORS GOVERNING THE DISTRIBUTION OF SWAINSON'S WARBLER ALONG A HYDROLOGICAL GRADIENT IN GREAT DISMAL SWAMP. <i>Auk</i> , 2001, 118, 650.	1.4	25
44	DNA from a 100-year-old holotype confirms the validity of a potentially extinct hummingbird species. <i>Biology Letters</i> , 2010, 6, 112-115.	2.3	24
45	Spatial Organization of the Gastrointestinal Microbiota in Urban Canada Geese. <i>Scientific Reports</i> , 2018, 8, 3713.	3.3	23
46	Factors Governing the Distribution of Swainson's Warbler Along a Hydrological Gradient in Great Dismal Swamp. <i>Auk</i> , 2001, 118, 650-664.	1.4	21
47	Distinct microbiotas of anatomical gut regions display idiosyncratic seasonal variation in an avian folivore. <i>Animal Microbiome</i> , 2019, 1, 2.	3.8	21
48	Genetic differentiation among populations of a migratory songbird: <i>Limnothlypis swainsonii</i> . <i>Journal of Avian Biology</i> , 2000, 31, 319-328.	1.2	20
49	Nutritional stress and body condition in the Great Gray Owl ( <i>Strix nebulosa</i> ) during winter irruptive migrations. <i>Canadian Journal of Zoology</i> , 2012, 90, 787-797.	1.0	19
50	Costs and benefits of Web access to museum data. <i>Trends in Ecology and Evolution</i> , 2000, 15, 374.	8.7	18
51	Voucher specimens and quality control in avian molecular studies. <i>Ibis</i> , 1996, 138, 345-346.	1.9	18
52	Response to Comment on "An Update of Wallace's Zoogeographic Regions of the World". <i>Science</i> , 2013, 341, 343-343.	12.6	15
53	Estimating species relative abundances from museum records. <i>Methods in Ecology and Evolution</i> , 2023, 14, 431-443.	5.2	14
54	Seventeen Bird Species New to Peru from the Pampas De Heath. <i>Auk</i> , 1980, 97, 366-370.	1.4	13

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55	Avian commensals in Colonial America: when did <i>Chaetura pelagica</i> become the chimney swift?. <i>Archives of Natural History</i> , 2004, 31, 300-307.	0.3	12
56	Stable isotope ecology ( $\delta^{18}O$ , $\delta^{13}C$ , $\delta^{15}N$ ) of modern land snails along an altitudinal gradient in southern Appalachian Mountains, USA. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2018, 492, 92-103.	2.3	12
57	Fifteen polymorphic microsatellite loci from Jamaican streamertail hummingbirds ( <i>Trochilus</i> ). <i>Conservation Genetics</i> , 2009, 10, 1195-1198.	1.5	10
58	Recent large-scale colonisation of southern pine plantations by Swainson's Warbler ( <i>Limnothlypis swainsonii</i> ). <i>Bird Conservation International</i> , 2015, 25, 280-293.	1.3	9
59	Dispersion fields reveal the compositional structure of South American vertebrate assemblages. <i>Nature Communications</i> , 2020, 11, 491.	12.8	9
60	Function of Crest Displays in Royal Flycatchers ( <i>Onychorhynchus</i> ). <i>Condor</i> , 1990, 92, 522.	1.6	8
61	An Intergeneric Hybrid Hummingbird ( <i>Heliodoxa leadbeateri</i> X <i>Heliangelus amethysticollis</i> ) from Northern Colombia. <i>Condor</i> , 1990, 92, 754.	1.6	8
62	Geographic Variation in the Mitochondrial Control Region of Black-throated Blue Warblers ( <i>Dendroica caerulescens</i> ). <i>Auk</i> , 2009, 126, 198-210.	1.4	8
63	Sexual monomorphism in wing loading and wing aspect ratio in Black Vulture ( <i>Coragyps</i> ). <i>Journal of Raptor Research</i> , 2017, 51, 240-249.	0.3	8
64	Testicular Volume and Asymmetry are Age-Dependent in Black-Throated Blue Warblers ( <i>Dendroica</i> ). <i>Journal of Raptor Research</i> , 2017, 51, 240-249.	1.4	8
65	Diagnoses of hybrid hummingbirds (Aves: Trochilidae). 14. New perspectives on Sefton's specimen ( <i>Calypte costae</i> - <i>Selasphorus platycercus</i> ) from the Rincon Mountains, southeastern Arizona. <i>Proceedings of the Biological Society of Washington</i> , 2006, 119, 516-521.	0.3	7
66	Field Measurements of Gastrointestinal pH of New World Vultures in Guyana. <i>Journal of Raptor Research</i> , 2017, 51, 465-469.	0.6	7
67	Does solar irradiation drive community assembly of vulture plumage microbiotas?. <i>Animal Microbiome</i> , 2020, 2, 24.	3.8	7
68	Physiology Drives Reworking of Amino Acid $\delta^2H$ and $\delta^{13}C$ in Butterfly Tissues. <i>Frontiers in Ecology and Evolution</i> , 2021, 9, .	2.2	7
69	Late quaternary biotic homogenization of North American mammalian faunas. <i>Nature Communications</i> , 2022, 13, .	12.8	7
70	Diagnoses of hybrid hummingbirds (Aves: Trochilidae). 15. A new intergeneric hybrid ( <i>Hylocharis</i> ). <i>Proceedings of the Biological Society of Washington</i> , 2007, 120, 99-105.	0.3	6
71	Mesoscale patterns of altitudinal tenancy in migratory wood warblers inferred from stable carbon isotopes. <i>Ecological Applications</i> , 2009, 19, 1264-1273.	3.8	6
72	Historical decline and probable extinction of the Jamaican Golden Swallow <i>Tachycineta euchrysea</i> . <i>Bird Conservation International</i> , 2014, 24, 239-251.	1.3	6

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73	Head color and caruncles of sympatric <i>Cathartes</i> vultures (Aves: Cathartidae) in Guyana and their possible function in intra- and interspecific signaling. Proceedings of the Biological Society of Washington, 2016, 129, 66-75.	0.3	6
74	a reconsideration. Archives of Natural History, 1996, 23, 287-290.	0.3	6
75	Predation on Hummingbird by Oropendola. Condor, 1978, 80, 251.	1.6	5
76	POSSIBLE PREDATION OF GREAT GRAY OWL BY A BARRED OWL. Journal of Raptor Research, 2006, 40, 175-175.	0.6	5
77	Diagnoses of hybrid hummingbirds (Aves: Trochilidae). 16. Characterization of a striking intergeneric hybrid ( <i>Lampornis clemenciae</i> × <i>Calypte anna</i> ) from Ramsey Canyon, Huachuca Mountains, southeastern Arizona. Proceedings of the Biological Society of Washington, 2007, 120, 106-112.	0.3	5
78	Common Denominators of Swainson's Warbler Breeding Habitat in Bottomland Hardwood Forest in the White River Watershed in Southeastern Arkansas. Southeastern Naturalist, 2016, 15, 315-330.	0.4	5
79	Factors Governing the Distribution of Swainson's Warbler along a Hydrological Gradient in Great Dismal Swamp. Auk, 2001, 118, 650-664.	1.4	5
80	Late 19th Century Abundance Trends of the Eskimo Curlew on Nantucket Island, Massachusetts. Waterbirds, 2010, 33, 236-241.	0.3	4
81	A primer on the hybrid zone of Jamaican streamertail hummingbirds (Trochilidae: Trochilus). Proceedings of the Biological Society of Washington, 2015, 128, 111-124.	0.3	4
82	A New Leafmining Moth ( <i>Cameraria cotinivora</i> , Lepidoptera: Gracillariidae) of the American Smoketree ( <i>Cotinus obovatus</i> ). Proceedings of the Entomological Society of Washington, 2016, 118, 244.	0.2	4
83	Nest-Site Selection, Nest, and Eggs of the Stout-Billed Cinclodes ( <i>Cinclodes excelsior</i> ), a High Andean Furnariid. Condor, 1988, 90, 251-253.	1.6	3
84	Skeletal correlates of body weight in the Black-billed Streamertail ( <i>Trochilus scitulus</i> ) of Jamaica. Caribbean Journal of Science, 2009, 45, 69-72.	0.3	3
85	Stable hydrogen isotope variability within and among plumage tracts ( $\delta^2\text{HF}$ ) of a migratory wood warbler. PLoS ONE, 2018, 13, e0193486.	2.5	3
86	Urohidrosis and tarsal color in <i>Cathartes</i> vultures (Aves: Cathartidae). Proceedings of the Biological Society of Washington, 2019, 132, 56.	0.3	3
87	Swainson's Warbler ( <i>Limnothlypis swainsonii</i> ) in a Monoculture of Invasive Japanese Knotweed ( <i>Reynoutria japonica</i> ). Northeastern Naturalist, 2019, 26, .	0.3	3
88	First Record of Curlew Sandpiper in Peru. Condor, 1978, 80, 455-455.	1.6	2
89	Western Marsh Harrier Preys on Herring Gull. Journal of Raptor Research, 2014, 48, 191-192.	0.6	2
90	Diagnoses of hybrid hummingbirds (Aves: Trochilidae). 17. Documentation of the intrageneric hybrid ( <i>Archilochus colubris</i> × <i>Archilochus alexandri</i> ). Proceedings of the Biological Society of Washington, 2016, 129, 1-9.	0.3	2

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91	Notes on <i>Siptornis striaticollis</i> (Furnariidae) in Peru. <i>Condor</i> , 1979, 81, 319.	1.6	1
92	The Systematic Status of <i>Cranioleuca furcata</i> Taczanowski (Furnariidae). <i>Condor</i> , 1986, 88, 120.	1.6	1
93	Genetic structure of breeding and wintering populations of Swainson's Warbler. <i>Wilson Journal of Ornithology</i> , 2008, 120, 433-445.	0.2	1
94	A distinctive new subspecies of the Royal Sunangel (Aves: Trochiliformes; <i>Heliangelus regalis</i> ) from the Cordillera Azul, northern Peru. <i>Zootaxa</i> , 2011, 3002, 52.	0.5	1
95	Chimney Swifts ( <i>Chaetura pelagica</i> ) Nest in Tree Cavities in Arkansas. <i>Southeastern Naturalist</i> , 2013, 12, N18-N20.	0.4	1
96	Swimming Black-Crowned Night-Herons ( <i>Nycticorax nycticorax</i> ) Kleptoparasitize American Coots ( <i>Fulica americana</i> ). <i>Southwestern Naturalist</i> , 2015, 60, 130-131.	0.1	1
97	Lyons et al. reply. <i>Nature</i> , 2016, 538, E3-E4.	27.8	1
98	First Record of <i>Citheronia regalis</i> (Lepidoptera: Saturniidae) Feeding on <i>Cotinus obovatus</i> (Anacardiaceae). <i>Florida Entomologist</i> , 2017, 100, 474-475.	0.5	1
99	Avian Feeding on Seed of the Exotic Ornamental <i>Lagerstroemia indica</i> (Crapemyrtle). <i>Southeastern Naturalist</i> , 2018, 17, 293-297.	0.4	1
100	Museums: Storehouses of DNA?. <i>Science</i> , 1992, 255, 1335-1336.	12.6	1
101	Winter Surveys of <i>Cotinus obovatus</i> (American smoketree) in the Ozark Mountains. <i>Journal of the Arkansas Academy of Science</i> , 0, 72, .	0.0	1
102	Lyons et al. reply. <i>Nature</i> , 2016, 537, E5-E6.	27.8	0
103	<i>Sphyrapicus varius</i> (Yellow-Bellied Sapsucker) Use of <i>Cotinus obovatus</i> (American Smoketree) in the Ozark Mountains. <i>Southeastern Naturalist</i> , 2019, 18, 499.	0.4	0
104	Red-shouldered Hawk ( <i>Buteo lineatus</i> ) predation on North American Racer ( <i>Coluber constrictor</i> ) in the Arkansas Ozarks. <i>Journal of the Arkansas Academy of Science</i> , 0, 74, .	0.0	0
105	Bald Eagle Swims to Shore with Ross's Goose. <i>Journal of Raptor Research</i> , 2020, 54, 84.	0.6	0
106	Merlin Takes Hummingbird in Flight over Lake. <i>Journal of Raptor Research</i> , 2022, , .	0.6	0
107	The <i>Campsis-Icterus</i> association as a model system for avian nectar-robbing studies. <i>Scientific Reports</i> , 2022, 12, .	3.3	0