Andrew Townsend Peterson

List of Publications by Citations

486 papers	45,917 citations	83 h-index	206 g-index
516 ext. papers	52,762 ext. citations	4.2 avg, IF	7.78 L-index

#	Paper	IF	Citations
486	Novel methods improve prediction of species distributions from occurrence data. *Ecography*, **2006**, 29, 129-151	6.5	5184
485	Extinction risk from climate change. *Nature*, **2004**, 427, 145-8	50.4	4902
484	ORIGINAL ARTICLE: Predicting species distributions from small numbers of occurrence records: a test case using cryptic geckos in Madagascar. *Journal of Biogeography*, **2006**, 34, 102-117	4.1	1714
483	Climate Change and Forest Disturbances. *BioScience*, **2001**, 51, 723	5.7	1392
482	Effects of sample size on the performance of species distribution models. *Diversity and Distributions*, **2008**, 14, 763-773	5	1344
481	Conservatism of ecological niches in evolutionary time. *Science*, **1999**, 285, 1265-7	33.3	1065
480	Ecological Niches and Geographic Distributions (MPB-49) **2011**,		975
479	Interpretation of Models of Fundamental Ecological Niches and Species Distributional Areas. *Biodiversity Informatics*, **2005**, 2,	2.9	950
478	The crucial role of the accessible area in ecological niche modeling and species distribution modeling. *Ecological Modelling*, **2011**, 222, 1810-1819	3	918
477	Rethinking receiver operating characteristic analysis applications in ecological niche modeling. *Ecological Modelling*, **2008**, 213, 63-72	3	873
476	Evaluating predictive models of species distributions: criteria for selecting optimal models. *Ecological Modelling*, **2003**, 162, 211-232	3	756
475	Effects of sample size on accuracy of species distribution models. *Ecological Modelling*, **2002**, 148, 1-13	3	755
474	Predicting the geography of species' invasions via ecological niche modeling. *Quarterly Review of Biology*, **2003**, 78, 419-33	5.4	750
473	Evidence of climatic niche shift during biological invasion. *Ecology Letters*, **2007**, 10, 701-9	10	746
472	New developments in museum-based informatics and applications in biodiversity analysis. *Trends in Ecology and Evolution*, **2004**, 19, 497-503	10.9	705
471	Uses and misuses of bioclimatic envelope modeling. *Ecology*, **2012**, 93, 1527-39	4.6	664
470	Future projections for Mexican faunas under global climate change scenarios. *Nature*, **2002**, 416, 626-9	50.4	637

469	Transferability and model evaluation in ecological niche modeling: a comparison of GARP and Maxent. *Ecography*, **2007**, 30, 550-560	6.5	539
468	Predicting Species Invasions Using Ecological Niche Modeling: New Approaches from Bioinformatics Attack a Pressing Problem. *BioScience*, **2001**, 51, 363	5.7	487
467	Use of niche models in invasive species risk assessments. *Biological Invasions*, **2011**, 13, 2785-2797	2.7	486
466	Ecological niche conservatism: a time-structured review of evidence. *Journal of Biogeography*, **2011**, 38, 817-827	4.1	484
465	Locating pleistocene refugia: comparing phylogeographic and ecological niche model predictions. *PLoS ONE*, **2007**, 2, e563	3.7	379
464	Predicting distributions of known and unknown reptile species in Madagascar. *Nature*, **2003**, 426, 837-41	50.4	365
463	Predicting Species' Geographic Distributions Based on Ecological Niche Modeling. *Condor*, **2001**, 103, 599-605	2.1	344
462	PREDICTING SPECIES' GEOGRAPHIC DISTRIBUTIONS BASED ON ECOLOGICAL NICHE MODELING. *Condor*, **2001**, 103, 599	2.1	321
461	Ecological niches as stable distributional constraints on mammal species, with implications for Pleistocene extinctions and climate change projections for biodiversity. *Global Ecology and Biogeography*, **2004**, 13, 305-314	6.1	312
460	The influence of spatial errors in species occurrence data used in distribution models. *Journal of Applied Ecology*, **2007**, 45, 239-247	5.8	307
459	Constraints on interpretation of ecological niche models by limited environmental ranges on calibration areas. *Ecological Modelling*, **2013**, 263, 10-18	3	304
458	Empirical perspectives on species borders: from traditional biogeography to global change. *Oikos*, **2005**, 108, 58-75	4	263
457	WHAT MATTERS FOR PREDICTING THE OCCURRENCES OF TREES: TECHNIQUES, DATA, OR SPECIES' CHARACTERISTICS?. *Ecological Monographs*, **2007**, 77, 615-630	9	252
456	Uses and Requirements of Ecological Niche Models and Related Distributional Models. *Biodiversity Informatics*, **2006**, 3,	2.9	238
455	Using niche-based GIS modeling to test geographic predictions of competitive exclusion and competitive release in South American pocket mice. *Oikos*, **2002**, 98, 3-16	4	230
454	Lutzomyia vectors for cutaneous leishmaniasis in Southern Brazil: ecological niche models, predicted geographic distributions, and climate change effects. *International Journal for Parasitology*, **2003**, 33, 919-31	4.3	226
453	Biodiversity informatics: managing and applying primary biodiversity data. *Philosophical Transactions of the Royal Society B: Biological Sciences*, **2004**, 359, 689-98	5.8	224
452	Sensitivity of distributional prediction algorithms to geographic data completeness. *Ecological Modelling*, **1999**, 117, 159-164	3	221

451	No silver bullets in correlative ecological niche modelling: insights from testing among many potential algorithms for niche estimation. *Methods in Ecology and Evolution*, **2015**, 6, 1126-1136	7.7	216
450	Geographical distributions of spiny pocket mice in South America: insights from predictive models. *Global Ecology and Biogeography*, **2002**, 11, 131-141	6.1	215
449	Outstanding Challenges in the Transferability of Ecological Models. *Trends in Ecology and Evolution*, **2018**, 33, 790-802	10.9	213
448	Climate change influences on global distributions of dengue and chikungunya virus vectors. *Philosophical Transactions of the Royal Society B: Biological Sciences*, **2015**, 370,	5.8	209
447	Species Distribution Modeling and Ecological Niche Modeling: Getting the Concepts Right. *Natureza A Conservacao*, **2012**, 10, 102-107		204
446	Calibrating divergence times on species trees versus gene trees: implications for speciation history of Aphelocoma jays. *Evolution; International Journal of Organic Evolution*, **2011**, 65, 184-202	3.8	200
445	kuenm: an R package for detailed development of ecological niche models using Maxent. *PeerJ*, **2019**, 7, e6281	3.1	185
444	Predicting the potential invasive distributions of four alien plant species in North America. *Weed Science*, **2003**, 51, 863-868	2	174
443	Ecologic niche modeling and spatial patterns of disease transmission. *Emerging Infectious Diseases*, **2006**, 12, 1822-6	10.2	171
442	Ecologic and geographic distribution of filovirus disease. *Emerging Infectious Diseases*, **2004**, 10, 40-7	10.2	169
441	Niches and Geographic Distributions **2011**,		151
440	Effects of environmental change on zoonotic disease risk: an ecological primer. *Trends in Parasitology*, **2014**, 30, 205-14	6.4	148
439	Ecological niche structure and rangewide abundance patterns of species. *Biology Letters*, **2013**, 9, 20120637	3.6	148
438	Ecologic niche modeling and potential reservoirs for Chagas disease, Mexico. *Emerging Infectious Diseases*, **2002**, 8, 662-7	10.2	148
437	Niche differentiation in Mexican birds: using point occurrences to detect ecological innovation. *Ecology Letters*, **2003**, 6, 774-782	10	147
436	Effects of global climate change on geographic distributions of Mexican Cracidae. *Ecological Modelling*, **2001**, 144, 21-30	3	144
435	A standard protocol for reporting species distribution models. *Ecography*, **2020**, 43, 1261-1277	6.5	141
434	Chagas disease in a domestic transmission cycle, southern Texas, USA. *Emerging Infectious Diseases*, **2003**, 9, 103-5	10.2	140

433	Geographical potential of Argentine ants (Linepithema humile Mayr) in the face of global climate change. *Proceedings of the Royal Society B: Biological Sciences*, **2004**, 271, 2527-35	4.4	139
432	Invasive potential of common carp (Cyprinus carpio) and Nile tilapia (Oreochromis niloticus) in American freshwater systems. *Canadian Journal of Fisheries and Aquatic Sciences*, **2006**, 63, 1903-1910	2.4	135
431	Neanderthal extinction by competitive exclusion. *PLoS ONE*, **2008**, 3, e3972	3.7	132
430	Geographic distribution of chagas disease vectors in Brazil based on ecological niche modeling. *Journal of Tropical Medicine*, **2012**, 2012, 705326	2.4	127
429	Projected climate change effects on Rocky Mountain and Great Plains birds: generalities of biodiversity consequences. *Global Change Biology*, **2003**, 9, 647-655	11.4	126
428	Alternate Species Concepts as Bases for Determining Priority Conservation Areas. *Conservation Biology*, **1999**, 13, 427-431	6	124
427	Consensual predictions of potential distributional areas for invasive species: a case study of Argentine ants in the Iberian Peninsula. *Biological Invasions*, **2009**, 11, 1017-1031	2.7	122
426	Earth history and the passerine superradiation. *Proceedings of the National Academy of Sciences of the United States of America*, **2019**, 116, 7916-7925	11.5	121
425	Variation in niche and distribution model performance: The need for a priori assessment of key causal factors. *Ecological Modelling*, **2012**, 237-238, 11-22	3	121
424	Evolutionary Processes of Diversification in a Model Island Archipelago. *Annual Review of Ecology, Evolution, and Systematics*, **2013**, 44, 411-435	13.5	112
423	Modeling current and future potential wintering distributions of eastern North American monarch butterflies. *Proceedings of the National Academy of Sciences of the United States of America*, **2003**, 100, 14063-8	11.5	110
422	VertNet: a new model for biodiversity data sharing. *PLoS Biology*, **2010**, 8, e1000309	9.7	108
421	Time-specific ecological niche modeling predicts spatial dynamics of vector insects and human dengue cases. *Transactions of the Royal Society of Tropical Medicine and Hygiene*, **2005**, 99, 647-55	2	108
420	Predicting distributions of Mexican birds using ecological niche modelling methods. *Ibis*, **2002**, 144, E27-E32	1.9	107
419	Ecological niche differentiation in the Aphelocoma jays: a phylogenetic perspective. *Biological Journal of the Linnean Society*, **2003**, 80, 369-383	1.9	107
418	NicheA: creating virtual species and ecological niches in multivariate environmental scenarios. *Ecography*, **2016**, 39, 805-813	6.5	104
417	Human ecological niches and ranges during the LGM in Europe derived from an application of eco-cultural niche modeling. *Journal of Archaeological Science*, **2008**, 35, 481-491	2.9	103
416	Ecological niche and potential geographic distribution of the invasive fruit fly Bactrocera invadens (Diptera, Tephritidae). *Bulletin of Entomological Research*, **2010**, 100, 35-48	1.7	101

415	The roles of geological history and colonization abilities in genetic differentiation between mammalian populations in the Philippine archipelago. *Journal of Biogeography*, **2005**, 32, 229-247	4.1	99
414	Using Ecological-Niche Modeling to Predict Barred Owl Invasions with Implications for Spotted Owl Conservation. *Conservation Biology*, **2003**, 17, 1161-1165	6	98
413	Potential for spread of the white-nose fungus (Pseudogymnoascus destructans) in the Americas: use of Maxent and NicheA to assure strict model transference. *Geospatial Health*, **2014**, 9, 221-9	2.2	95
412	Biogeography of diseases: a framework for analysis. *Die Naturwissenschaften*, **2008**, 95, 483-91	2	89
411	Modelling spatial patterns of biodiversity for conservation prioritization in North-eastern Mexico. *Diversity and Distributions*, **2004**, 10, 39-54	5	89
410	Ecologic niche modeling and differentiation of populations of Triatoma brasiliensis neiva, 1911, the most important Chagas' disease vector in northeastern Brazil (hemiptera, reduviidae, triatominae). *American Journal of Tropical Medicine and Hygiene*, **2002**, 67, 516-20	3.2	89
409	Geographic analysis of conservation priority: endemic birds and mammals in Veracruz, Mexico. *Biological Conservation*, **2000**, 93, 85-94	6.2	87
408	Completeness of digital accessible knowledge of the plants of Brazil and priorities for survey and inventory. *Diversity and Distributions*, **2014**, 20, 369-381	5	86
407	West Nile virus transmission in resident birds, Dominican Republic. *Emerging Infectious Diseases*, **2003**, 9, 1299-302	10.2	86
406	Genetic variation coincides with geographic structure in the common bush-tanager (Chlorospingus ophthalmicus) complex from Mexico. *Molecular Phylogenetics and Evolution*, **2004**, 33, 186-96	4.1	84
405	Climate change effects on plague and tularemia in the United States. *Vector-Borne and Zoonotic Diseases*, **2007**, 7, 529-40	2.4	83
404	Climate Change Influences on the Global Potential Distribution of the Mosquito Culex quinquefasciatus, Vector of West Nile Virus and Lymphatic Filariasis. *PLoS ONE*, **2016**, 11, e0163863	3.7	83
403	Atlas of Mexican Triatominae (Reduviidae: Hemiptera) and vector transmission of Chagas disease. *Memorias Do Instituto Oswaldo Cruz*, **2015**, 110, 339-52	2.6	82
402	Macroevolutionary interplay between planktic larvae and benthic predators. *Geology*, **2005**, 33, 929	5	82
401	Integrating phylogenetic and taxonomic evidence illuminates complex biogeographic patterns along Huxley's modification of Wallace's Line. *Journal of Biogeography*, **2010**, 37, 2054-2066	4.1	81
400	The Fallacy of Averages. *American Naturalist*, **1988**, 132, 277-288	3.7	81
399	Prediction of bird community composition based on point-occurrence data and inferential algorithms: a valuable tool in biodiversity assessments. *Diversity and Distributions*, **2002**, 8, 49-56	5	80
398	Shifting suitability for malaria vectors across Africa with warming climates. *BMC Infectious Diseases*, **2009**, 9, 59	4	79

397	Migratory birds modeled as critical transport agents for West Nile Virus in North America. *Vector-Borne and Zoonotic Diseases*, **2003**, 3, 27-37	2.4	79
396	Mechanistic and Correlative Models of Ecological Niches. *European Journal of Ecology*, **2015**, 1, 28-38	1.8	78
395	Something from nothing: Using landscape similarity and ecological niche modeling to find rare plant species. *Journal for Nature Conservation*, **2009**, 17, 25-32	2.3	77
394	Speciation in the highlands of Mexico: genetic and phenotypic divergence in the Mexican jay (Aphelocoma ultramarina). *Molecular Ecology*, **2008**, 17, 2505-21	5.7	77
393	Predicting Invasions of North American Basses in Japan Using Native Range Data and a Genetic Algorithm. *Transactions of the American Fisheries Society*, **2004**, 133, 845-854	1.7	77
392	Current and Future Distribution of the Lone Star Tick, Amblyomma americanum (L.) (Acari: Ixodidae) in North America. *PLoS ONE*, **2019**, 14, e0209082	3.7	77
391	Climate change influences on the potential geographic distribution of the disease vector tick Ixodes ricinus. *PLoS ONE*, **2017**, 12, e0189092	3.7	76
390	Ecology of North American Triatominae. *Acta Tropica*, **2009**, 110, 178-86	3.2	76
389	The need for continued scientific collecting; a geographic analysis of Mexican bird specimens. *Ibis*, **2008**, 140, 288-294	1.9	76
388	GEOGRAPHIC AND ECOLOGIC DISTRIBUTIONS OF THE ANOPHELES GAMBIAE COMPLEX PREDICTED USING A GENETIC ALGORITHM. *American Journal of Tropical Medicine and Hygiene*, **2004**, 70, 105-109	3.2	74
387	Ecological niche conservatism and Pleistocene refugia in the Thrush-like Mourner, Schiffornis sp., in the neotropics. *Evolution; International Journal of Organic Evolution*, **2008**, 62, 173-83	3.8	73
386	Interglacial microrefugia and diversification of a cactus species complex: phylogeography and palaeodistributional reconstructions for Pilosocereus aurisetus and allies. *Molecular Ecology*, **2014**, 23, 3044-63	5.7	71
385	Pleistocene fragmentation of Amazon species ranges. *Diversity and Distributions*, **2006**, 12, 157-164	5	70
384	Deforestation and extant distributions of Mexican endemic mammals. *Biological Conservation*, **2005**, 126, 465-473	6.2	69
383	Geographic potential for outbreaks of Marburg hemorrhagic fever. *American Journal of Tropical Medicine and Hygiene*, **2006**, 75, 9-15	3.2	68
382	SEASONAL NICHES OF NEARCTIC-NEOTROPICAL MIGRATORY BIRDS: IMPLICATIONS FOR THE EVOLUTION OF MIGRATION. *Auk*, **2004**, 121, 610	2.1	66
381	Ecological niche modelling and prioritizing areas for species reintroductions. *Oryx*, **2006**, 40, 411-418	1.5	65
380	Ecological niches in sequential generations of eastern North American monarch butterflies (Lepidoptera: Danaidae): the ecology of migration and likely climate change implications. *Environmental Entomology*, **2007**, 36, 1365-73	2.1	63

379	Evolutionary history of woodpeckers and allies (Aves: Picidae): placing key taxa on the phylogenetic tree. *Molecular Phylogenetics and Evolution*, **2006**, 40, 389-99	4.1	63
378	Consequences of global climate change for geographic distributions of cerrado tree species. *Biota Neotropica*, **2003**, 3, 1-14		63
377	Potential mammalian filovirus reservoirs. *Emerging Infectious Diseases*, **2004**, 10, 2073-81	10.2	62
376	Evolution of seasonal ecological niches in the Passerina buntings (Aves: Cardinalidae). *Proceedings of the Royal Society B: Biological Sciences*, **2004**, 271, 1151-7	4.4	62
375	Preliminary distributional analysis of US endangered bird species **2000**, 9, 1313-1322		61
374	Morphological evidence suggests homoploid hybridization as a possible mode of speciation in the Triatominae (Hemiptera, Heteroptera, Reduviidae). *Infection, Genetics and Evolution*, **2009**, 9, 263-70	4.5	60
373	Ecologic niche modeling of Blastomyces dermatitidis in Wisconsin. *PLoS ONE*, **2008**, 3, e2034	3.7	60
372	Phylogeography of the Buarremon brush-finch complex (Aves, Emberizidae) in Mesoamerica. *Molecular Phylogenetics and Evolution*, **2008**, 47, 21-35	4.1	60
371	An alternative species taxonomy of the birds of Mexico. *Biota Neotropica*, **2004**, 4, 1-32		59
370	ntbox: An r package with graphical user interface for modelling and evaluating multidimensional ecological niches. *Methods in Ecology and Evolution*, **2020**, 11, 1199-1206	7.7	59
369	Reconstructing the Pleistocene geography of the Aphelocoma jays (Corvidae). *Diversity and Distributions*, **2004**, 10, 237-246	5	57
368	Ecological niche and geographic distribution of human monkeypox in Africa. *PLoS ONE*, **2007**, 2, e176	3.7	57
367	A checklist for maximizing reproducibility of ecological niche models. *Nature Ecology and Evolution*, **2019**, 3, 1382-1395	12.3	56
366	Shifting global invasive potential of European plants with climate change. *PLoS ONE*, **2008**, 3, e2441	3.7	56
365	Geographic distribution and ecological niche of plague in sub-Saharan Africa. *International Journal of Health Geographics*, **2008**, 7, 54	3.5	56
364	Major challenges for correlational ecological niche model projections to future climate conditions. *Annals of the New York Academy of Sciences*, **2018**, 1429, 66-77	6.5	55
363	Dominant climate influences on North American bird distributions. *Global Ecology and Biogeography* , **2011**, 20, 114-118	6.1	55
362	A dynamic continental moisture gradient drove Amazonian bird diversification. *Science Advances*, **2019**, 5, eaat5752	14.3	54

361	Global invasive potential of 10 parasitic witchweeds and related Orobanchaceae. *Ambio*, **2006**, 35, 281-86.	5	54
360	Conclusions about niche expansion in introduced Impatiens walleriana populations depend on method of analysis. *PLoS ONE*, **2010**, 5, e15297	3.7	54
359	Mapping the global geographic potential of Zika virus spread. *Memorias Do Instituto Oswaldo Cruz*, **2016**, 111, 559-60	2.6	54
358	Predicting the Potential Worldwide Distribution of the Red Palm WeevilRhynchophorus ferrugineus(Olivier) (Coleoptera: Curculionidae) using Ecological Niche Modeling. *Florida Entomologist*, **2012**, 95, 659-673	1	53
357	Modeled climate change effects on distributions of Canadian butterfly species. *Canadian Journal of Zoology*, **2004**, 82, 851-858	1.5	53
356	Problems with areal definitions of endemism: the effects of spatial scaling. *Diversity and Distributions*, **1998**, 4, 189-194	5	52
355	Distributional potential of the Triatoma brasiliensis species complex at present and under scenarios of future climate conditions. *Parasites and Vectors*, **2014**, 7, 238	4	51
354	Dispersal limitation and geographical distributions of mammal species. *Journal of Biogeography*, **2008**, 35, 1879-1887	4.1	51
353	Invasive potential of cattle fever ticks in the southern United States. *Parasites and Vectors*, **2014**, 7, 189	4	50
352	SPECIATION IN THE EMERALD TOUCANET (AULACORHYNCHUS PRASINUS) COMPLEX. *Auk*, **2008**, 125, 39-50	2.1	50
351	Phylogeny and Rates of Molecular Evolution in the Aphelocoma Jays (Corvidae). *Auk*, **1992**, 109, 133-147	2.1	50
350	Planning for conservation and restoration under climate and land use change in the Brazilian Atlantic Forest. *Diversity and Distributions*, **2017**, 23, 955-966	5	49
349	Ecology and geography of avian influenza (HPAI H5N1) transmission in the Middle East and northeastern Africa. *International Journal of Health Geographics*, **2009**, 8, 47	3.5	49
348	Ecological connectivity of Trypanosoma cruzi reservoirs and Triatoma pallidipennis hosts in an anthropogenic landscape with endemic Chagas disease. *PLoS ONE*, **2012**, 7, e46013	3.7	48
347	Niche differentiation and fine-scale projections for Argentine ants based on remotely sensed data **2006**, 16, 1832-41		48
346	Phylogenetic history of social evolution and habitat use in the Aphelocoma jays. *Animal Behaviour*, **1992**, 44, 859-866	2.8	48
345	Distribution of members of Anopheles quadrimaculatus say s.l. (Diptera: Culicidae) and implications for their roles in malaria transmission in the United States. *Journal of Medical Entomology*, **2004**, 41, 607-13	2.3	47
344	Natural history collections and the conservation of poorly known taxa: Ecological niche modeling in central African rainforest genets (Genetta spp.). *Biological Conservation*, **2006**, 130, 106-117	6.2	45

343	Eco-cultural niches of the Badegoulian: Unraveling links between cultural adaptation and ecology during the Last Glacial Maximum in France. *Journal of Anthropological Archaeology*, **2011**, 30, 359-374	1.9	44
342	New distributional modelling approaches for gap analysis. *Animal Conservation*, **2003**, 6, 47-54	3.2	44
341	Do consensus models outperform individual models? Transferability evaluations of diverse modeling approaches for an invasive moth. *Biological Invasions*, **2017**, 19, 2519-2532	2.7	41
340	Genetics of adaptation in modern chicken. *PLoS Genetics*, **2019**, 15, e1007989	6	41
339	An evaluation of transferability of ecological niche models. *Ecography*, **2019**, 42, 521-534	6.5	41
338	Could the bug Triatoma sherlocki be vectoring Chagas disease in small mining communities in Bahia, Brazil?. *Medical and Veterinary Entomology*, **2009**, 23, 410-7	2.4	41
337	The big questions for biodiversity informatics. *Systematics and Biodiversity*, **2010**, 8, 159-168	1.7	41
336	Predictable ecology and geography of avian influenza (H5N1) transmission in Nigeria and West Africa. *Transactions of the Royal Society of Tropical Medicine and Hygiene*, **2008**, 102, 471-9	2	41
335	Tracking population extirpations via melding ecological niche modeling with land-cover information. *Ecological Modelling*, **2006**, 195, 229-236	3	41
334	Bird faunas of the humid montane forests of Mesoamerica: biogeographic patterns and priorities for conservation. *Bird Conservation International*, **1995**, 5, 251-277	1.7	41
333	Using hyperspectral satellite imagery for regional inventories: a test with tropical emergent trees in the Amazon Basin. *Journal of Vegetation Science*, **2010**, 21, 342-354	3.1	40
332	Potential Geographic Distribution of Anoplophora glabripennis (Coleoptera: Cerambycidae) in North America. *American Midland Naturalist*, **2004**, 151, 170-178	0.7	40
331	Highly pathogenic H5N1 avian influenza: entry pathways into North America via bird migration. *PLoS ONE*, **2007**, 2, e261	3.7	39
330	Phylogeography and population genetics of the Amethyst-throated Hummingbird (Lampornis amethystinus). *Molecular Phylogenetics and Evolution*, **2008**, 48, 1-11	4.1	39
329	Phylogeny and niche conservatism in North and Central American triatomine bugs (Hemiptera: Reduviidae: Triatominae), vectors of Chagas' disease. *PLoS Neglected Tropical Diseases*, **2014**, 8, e3266	4.8	38
328	Determinants of diversity in a naturally fragmented landscape: humid montane forest avifaunas of Mesoamerica. *Ecography*, **1999**, 22, 582-589	6.5	38
327	Adaptive Geographical Variation in Bill Shape of Scrub Jays (Aphelocoma coerulescens). *American Naturalist*, **1993**, 142, 508-527	3.7	38
326	Mapping current and future potential snakebite risk in the new world. *Climatic Change*, **2016**, 134, 697-711	4.5	37

325	ENVIRONMENTAL CORRELATION STRUCTURE AND ECOLOGICAL NICHE MODEL PROJECTIONS. *Biodiversity Informatics*, **2009**, 6,	2.9	37
324	Speciation in Western Scrub-Jays, Haldane's rule, and genetic clines in secondary contact. *BMC Evolutionary Biology*, **2014**, 14, 135	3	36
323	Assessing Monkeypox Virus Prevalence in Small Mammals at the Human-Animal Interface in the Democratic Republic of the Congo. *Viruses*, **2017**, 9,	6.2	36
322	Current knowledge of Leishmania vectors in Mexico: how geographic distributions of species relate to transmission areas. *American Journal of Tropical Medicine and Hygiene*, **2011**, 85, 839-46	3.2	36
321	Monitoring biodiversity loss with primary species-occurrence data: toward national-level indicators for the 2010 target of the convention on biological diversity. *Ambio*, **2009**, 38, 29-34	6.5	36
320	Reconstructing ecological niches and geographic distributions of caribou (Rangifer tarandus) and red deer (Cervus elaphus) during the Last Glacial Maximum. *Quaternary Science Reviews*, **2008**, 27, 2568-2575	3.9	36
319	Mapping the geographic distribution of Aglaia bourdillonii Gamble (Meliaceae), an endemic and threatened plant, using ecological niche modeling. *Biodiversity and Conservation*, **2007**, 16, 1917-1925	3.4	36
318	Fine-scale predictions of distributions of Chagas disease vectors in the state of Guanajuato, Mexico. *Journal of Medical Entomology*, **2005**, 42, 1068-81	2.2	36
317	Plumbing the depths: extending ecological niche modelling and species distribution modelling in three dimensions. *Global Ecology and Biogeography*, **2013**, 22, 952-961	6.1	35
316	Accessible areas in ecological niche comparisons of invasive species: Recognized but still overlooked. *Scientific Reports*, **2017**, 7, 1213	4.9	35
315	Bat-borne rabies in Latin America. *Revista Do Instituto De Medicina Tropical De Sao Paulo*, **2015**, 57, 63-72	2.2	35
314	Mapping the potential risk of mycetoma infection in Sudan and South Sudan using ecological niche modeling. *PLoS Neglected Tropical Diseases*, **2014**, 8, e3250	4.8	35
313	Native and Exotic Distributions of Siamweed (Chromolaena odorata) Modeled Using the Genetic Algorithm for Rule-Set Production. *Weed Science*, **2007**, 55, 41-48	2	35
312	Conservation Priorities in Mexico: Moving up in the World. *Biodiversity Letters*, **1993**, 1, 33		35
311	The use of ecological niche modeling to infer potential risk areas of snakebite in the Mexican state of Veracruz. *PLoS ONE*, **2014**, 9, e100957	3.7	35
310	Ecological niche model comparison under different climate scenarios: a case study of Olea spp. in Asia. *Ecosphere*, **2017**, 8, e01825	3.1	34
309	Assumption-versus data-based approaches to summarizing species' ranges. *Conservation Biology*, **2018**, 32, 568-575	6	34
308	The Importance of Biodiversity E-infrastructures for Megadiverse Countries. *PLoS Biology*, **2015**, 13, e1002204	9.7	34

307	Biodiversidad de aves en M□ico. *Revista Mexicana De Biodiversidad*, **2014**, 85, 476-495	0.8	34
306	Range-wide determinants of plague distribution in North America. *American Journal of Tropical Medicine and Hygiene*, **2010**, 83, 736-42	3.2	34
305	Why not WhyWhere: The need for more complex models of simpler environmental spaces. *Ecological Modelling*, **2007**, 203, 527-530	3	34
304	Using epidemiological survey data to infer geographic distributions of leishmaniasis vector species. *Revista Da Sociedade Brasileira De Medicina Tropical*, **2004**, 37, 10-4	1.5	34
303	Comparison of resolution of methods used in mapping biodiversity patterns from point-occurrence data. *Ecological Indicators*, **2003**, 3, 213-221	5.8	34
302	Genetic Variation and Differentiation in Mexican Populations of Common Bush-Tanagers and Chestnut-Capped Brush-Finches. *Condor*, **1992**, 94, 244-253	2.1	34
301	Mapping environmental dimensions of dengue fever transmission risk in the Aburr□Valley, Colombia. *International Journal of Environmental Research and Public Health*, **2009**, 6, 3040-55	4.6	33
300	The need for proper vouchering in phylogenetic studies of birds. *Molecular Phylogenetics and Evolution*, **2007**, 45, 1042-4	4.1	33
299	Scale dependency of diversity components estimated from primary biodiversity data and distribution maps. *Diversity and Distributions*, **2007**, 13, 185-195	5	33
298	PREDICTING DISTRIBUTIONS OF MEXICAN MAMMALS USING ECOLOGICAL NICHE MODELING. *Journal of Mammalogy*, **2004**, 85, 658-662	1.8	33
297	New Species and New Species Limits in Birds. *Auk*, **1998**, 115, 555-558	2.1	33
296	Geographic and ecologic distributions of the Anopheles gambiae complex predicted using a genetic algorithm. *American Journal of Tropical Medicine and Hygiene*, **2004**, 70, 105-9	3.2	33
295	Spatio-temporal climate change contributes to latitudinal diversity gradients. *Nature Ecology and Evolution*, **2019**, 3, 1419-1429	12.3	32
294	An exhaustive analysis of heuristic methods for variable selection in ecological niche modeling and species distribution modeling. *Ecological Informatics*, **2019**, 53, 100983	4.2	32
293	Climate Change Influences on the Global Potential Distribution of Bluetongue Virus. *PLoS ONE*, **2016**, 11, e0150489	3.7	32
292	Relationships between population densities and niche-centroid distances in North American birds. *Ecology Letters*, **2020**, 23, 555-564	10	31
291	Mapping transmission risk of Lassa fever in West Africa: the importance of quality control, sampling bias, and error weighting. *PLoS ONE*, **2014**, 9, e100711	3.7	31
290	Integrating fundamental concepts of ecology, biogeography, and sampling into effective ecological niche modeling and species distribution modeling. *Plant Biosystems*, **2012**, 146, 789-796	1.6	31

289	Preliminary global assessment of terrestrial biodiversity consequences of sea-level rise mediated by climate change. *Biodiversity and Conservation*, **2010**, 19, 1599-1609	3.4	31
288	Climate Change Effects on Neotropical Manakin Diversity Based on Ecological Niche ModelingEfeitos de Mudanças Climáticas na Diversidade de Tangarás Neotropicais Estimados Através da Modelagem de Nicho EcológicoManakin Diversity Under Future Climates. *Condor*, **2006**, 108, 778-791	2.1	31
287	Uncertainty in predictions of extinction risk/Effects of changes in climate and land use/Climate change and extinction risk (reply). *Nature*, **2004**, 430, 34-34	50.4	31
286	Ecological niche modeling and local knowledge predict new populations of Gymnocladus assamicus a critically endangered tree species. *Endangered Species Research*, **2010**, 11, 175-181	2.5	31
285	Global climate change adaptation priorities for biodiversity and food security. *PLoS ONE*, **2013**, 8, e72590	3.7	30
284	An ecoregional classification for the state of Roraima, Brazil: the importance of landscape in malaria biology. *Memorias Do Instituto Oswaldo Cruz*, **2007**, 102, 349-57	2.6	30
283	Taxonomy is important in conservation: a preliminary reassessment of Philippine species-level bird taxonomy. *Bird Conservation International*, **2006**, 16, 155-173	1.7	30
282	Genetic endangerment of wild Red Junglefowl Gallus gallus?. *Bird Conservation International*, **1998**, 8, 387-394	1.7	30
281	A tale of four "carp": invasion potential and ecological niche modeling. *PLoS ONE*, **2009**, 4, e5451	3.7	30
280	Ecological niche modeling re-examined: A case study with the Darwin's fox. *Ecology and Evolution*, **2018**, 8, 4757-4770	2.8	29
279	Species distribution models for Peruvian plantcutter improve with consideration of biotic interactions. *Journal of Avian Biology*, **2018**, 49, jav-01617	1.9	29
278	Environmental factors affecting transmission risk for hantaviruses in forested portions of southern Brazil. *Acta Tropica*, **2011**, 119, 125-30	3.2	29
277	Genetic differentiation of the Chlorospingus ophthalmicus complex in Mexico and Central America. *Journal of Avian Biology*, **2008**, 39, 311-321	1.9	29
276	Application of molecular clocks in ornithology revisited. *Journal of Avian Biology*, **2006**, 37, 541-544	1.9	29
275	Distribution of the birds of the Philippines: biogeography and conservation priorities. *Bird Conservation International*, **2000**, 10, 149-167	1.7	29
274	Ecological niche modelling and understanding the geography of disease transmission. *Veterinaria Italiana*, **2007**, 43, 393-400	1	29
273	Ecology and geography of human monkeypox case occurrences across Africa. *Journal of Wildlife Diseases*, **2012**, 48, 335-47	1.3	28
272	Prioritization of areas in China for the conservation of endangered birds using modelled geographical distributions. *Bird Conservation International*, **2002**, 12, 197-209	1.7	28

271	Inferring distributions of chirodropid box-jellyfishes (Cnidaria: Cubozoa) in geographic and ecological space using ecological niche modeling. *Marine Ecology - Progress Series*, **2009**, 384, 121-133	2.6	28
270	Vegetation dynamics and avian seasonal migration: clues from remotely sensed vegetation indices and ecological niche modelling. *Journal of Biogeography*, **2012**, 39, 652-664	4.1	27
269	Potential Distribution of Two Species in the Medically Important Anopheles minimus Complex (Diptera: Culicidae). *Journal of Medical Entomology*, **2008**, 45, 852-860	2.2	27
268	A multilocus phylogeny of New World jay genera. *Molecular Phylogenetics and Evolution*, **2007**, 42, 467-76	4.1	27
267	Modeled global invasive potential of Asian gypsy moths, Lymantria dispar. *Entomologia Experimentalis Et Applicata*, **2007**, 125, 39-44	2.1	27
266	Robustness of ecological niche modeling algorithms for mammals in Guyana. *Biodiversity and Conservation*, **2002**, 11, 1237-1246	3.4	27
265	Genetic differentiation in Philippine bats of the genera Cynopterus and Haplonycteris. *Biological Journal of the Linnean Society*, **1993**, 49, 203-218	1.9	27
264	Twentieth century turnover of Mexican endemic avifaunas: Landscape change versus climate drivers. *Science Advances*, **2015**, 1, e1400071	14.3	26
263	Potential geography and productivity of Hass avocado crops in Colombia estimated by ecological niche modeling. *Scientia Horticulturae*, **2018**, 237, 287-295	4.1	26
262	Knowledge behind conservation status decisions: Data basis for Data Deficient Brazilian plant species. *Biological Conservation*, **2014**, 173, 80-89	6.2	26
261	Ecology and geography of transmission of two bat-borne rabies lineages in Chile. *PLoS Neglected Tropical Diseases*, **2013**, 7, e2577	4.8	26
260	Marshalling existing biodiversity data to evaluate biodiversity status and trends in planning exercises. *Ecological Research*, **2010**, 25, 947-957	1.9	26
259	Climate Change Effects on Neotropical Manakin Diversity Based on Ecological Niche ModelingEfeitos de Mudanas Climticas na Diversidade de Tangars Neotropicais Estimados Atravs da Modelagem de Nicho EcolgicoManakin Diversity Under Future Climates. *Condor*, **2006**, 108, 778	2.1	26
258	A Mexican case study on a centralised database from world natural history museums. *Data Science Journal*, **2002**, 1, 45-53	2	26
257	West Nile virus survey of birds and mosquitoes in the Dominican Republic. *Vector-Borne and Zoonotic Diseases*, **2005**, 5, 120-6	2.4	26
256	Using data from related species to overcome spatial sampling bias and associated limitations in ecological niche modelling. *Methods in Ecology and Evolution*, **2017**, 8, 1804-1812	7.7	25
255	Niche similarities among white-eared opossums (Mammalia, Didelphidae): Is ecological niche modelling relevant to setting species limits?. *Zoologica Scripta*, **2015**, 44, 1-10	2.5	25
254	Impacts of Niche Breadth and Dispersal Ability on Macroevolutionary Patterns. *American Naturalist*, **2016**, 188, 149-62	3.7	25

253	Defining viral species: making taxonomy useful. *Virology Journal*, **2014**, 11, 131	6.1	25
252	Climate-driven diversification and Pleistocene refugia in Philippine birds: evidence from phylogeographic structure and paleoenvironmental niche modeling. *Evolution; International Journal of Organic Evolution*, **2014**, 68, 2658-74	3.8	25
251	Influences of climate change on the potential distribution of Lutzomyia longipalpis sensu lato (Psychodidae: Phlebotominae). *International Journal for Parasitology*, **2017**, 47, 667-674	4.3	25
250	Geographic variation in the community structure of lice on western scrub-jays. *Journal of Parasitology*, **2009**, 95, 10-3	0.9	25
249	Influenza A virus infections in land birds, People's Republic of China. *Emerging Infectious Diseases*, **2008**, 14, 1644-6	10.2	25
248	Phylogenetic Patterns in Montane Troglodytes Wrens. *Condor*, **1999**, 101, 446-451	2.1	25
247	A global perspective on decadal challenges and priorities in biodiversity informatics. *BMC Ecology*, **2015**, 15, 15	2.7	24
246	Ecological niche and geographic distribution of the Chagas disease vector, Triatoma dimidiata (Reduviidae: Triatominae): Evidence for niche differentiation among cryptic species. *Infection, Genetics and Evolution*, **2015**, 36, 15-22	4.5	24
245	Ecological niche and phylogeography elucidate complex biogeographic patterns in Loxosceles rufescens (Araneae, Sicariidae) in the Mediterranean Basin. *BMC Evolutionary Biology*, **2014**, 14, 195	3	24
244	Evidence of Latitudinal Sexual Segregation Among Migratory Birds Wintering in Mexico. *Auk*, **2005**, 122, 938-948	2.1	24
243	Summary results of the 2014-2015 DARPA Chikungunya challenge. *BMC Infectious Diseases*, **2018**, 18, 245	4	23
242	Climate change and marine molluscs of the western North Atlantic: future prospects and perils. *Journal of Biogeography*, **2014**, 41, 1352-1366	4.1	23
241	MERS-CoV geography and ecology in the Middle East: analyses of reported camel exposures and a preliminary risk map. *BMC Research Notes*, **2015**, 8, 801	2.3	23
240	Ecological niche modeling as a tool for understanding distributions and interactions of vectors, hosts, and etiologic agents of Chagas disease. *Advances in Experimental Medicine and Biology*, **2012**, 710, 59-70	3.6	23
239	Distribution of Capybaras in an Agroecosystem, Southeastern Brazil, Based on Ecological Niche Modeling. *Journal of Mammalogy*, **2009**, 90, 189-194	1.8	23
238	Are large-scale distributional shifts of the blue-winged macaw (Primolius maracana) related to climate change?. *Journal of Biogeography*, **2007**, 34, 816-827	4.1	23
237	SPECIES LIMITS IN MESOAMERICAN AULACORHYNCHUS TOUCANETS. *The Wilson Bulletin*, **2001**, 113, 363-372		23
236	Non-random latitudinal gradients in range size and niche breadth predicted by spatial patterns of climate. *Global Ecology and Biogeography*, **2019**, 28, 928-942	6.1	22

235	Reconstructing Ecological Niche Evolution When Niches Are Incompletely Characterized. *Systematic Biology*, **2018**, 67, 428-438	8.4	22
234	Spatial and temporal dynamics of Aedes aegypti larval sites in Bello, Colombia. *Journal of Vector Ecology*, **2012**, 37, 37-48	1.5	22
233	Ecological niche modeling of Francisella tularensis subspecies and clades in the United States. *American Journal of Tropical Medicine and Hygiene*, **2010**, 82, 912-8	3.2	22
232	Ecological niches and their evolution among Neotropical manakins (Aves: Pipridae). *Journal of Avian Biology*, **2009**, 40, 591-604	1.9	22
231	The Chimalapas Region, Oaxaca, Mexico: a high-priority region for bird conservation in Mesoamerica. *Bird Conservation International*, **2003**, 13, 227-253	1.7	22
230	Molecular phylogeny and systematics of Neotropical toucanets in the genus Aulacorhynchus (Aves, Ramphastidae). *Zoologica Scripta*, **2011**, 40, 336-349	2.5	21
229	Climate and landscape correlates of African lion (Panthera leo) demography. *African Journal of Ecology*, **2010**, 48, 58-71	0.8	21
228	Predicting potential risk areas of human plague for the Western Usambara Mountains, Lushoto District, Tanzania. *American Journal of Tropical Medicine and Hygiene*, **2010**, 82, 492-500	3.2	21
227	Potential distribution of two species in the medically important Anopheles minimus complex (Diptera: Culicidae). *Journal of Medical Entomology*, **2008**, 45, 852-60	2.2	21
226	Sudden oak death: geographic risk estimates and predictions of origins. *Plant Pathology*, **2007**, 56, 580-588	2.8	21
225	NATIVE-RANGE ECOLOGY AND INVASIVE POTENTIAL OF CRICETOMYS IN NORTH AMERICA. *Journal of Mammalogy*, **2006**, 87, 427-432	1.8	21
224	Global invasive potential of the house crow Corvus splendens based on ecological niche modelling. *Journal of Avian Biology*, **2006**, 37, 306-311	1.9	21
223	Phylogeography of Rift Valley Fever Virus in Africa and the Arabian Peninsula. *PLoS Neglected Tropical Diseases*, **2017**, 11, e0005226	4.8	21
222	Niche Modeling - Model Evaluation. *Biodiversity Informatics*, **2012**, 8,	2.9	20
221	Potential geographic distribution of hantavirus reservoirs in Brazil. *PLoS ONE*, **2013**, 8, e85137	3.7	20
220	Priority Contribution West Nile virus in the New World: potential impacts on bird species. *Bird Conservation International*, **2004**, 14, 215-232	1.7	20
219	Deep Learning Algorithms Improve Automated Identification of Chagas Disease Vectors. *Journal of Medical Entomology*, **2019**, 56, 1404-1410	2.2	19
218	Leishmaniasis transmission: distribution and coarse-resolution ecology of two vectors and two parasites in Egypt. *Revista Da Sociedade Brasileira De Medicina Tropical*, **2014**, 47, 57-62	1.5	19

217	Assessing Migratory Double Breeding through Complementary Specimen Densities and Breeding Records. *Condor*, **2012**, 114, 1-14	2.1	19
216	Effects of georeferencing effort on mapping monkeypox case distributions and transmission risk. *International Journal of Health Geographics*, **2012**, 11, 23	3.5	19
215	Phylogenetic relationships of flowerpeckers (Aves: Dicaeidae): novel insights into the evolution of a tropical passerine clade. *Molecular Phylogenetics and Evolution*, **2009**, 53, 613-9	4.1	19
214	Phylogenetic perspective on ecological niche evolution in american blackbirds (Family Icteridae). *Biological Journal of the Linnean Society*, **2008**, 94, 869-878	1.9	19
213	Schistosoma japonicum transmission risk maps at present and under climate change in mainland China. *PLoS Neglected Tropical Diseases*, **2017**, 11, e0006021	4.8	19
212	Essential biodiversity variables are not global. *Biodiversity and Conservation*, **2018**, 27, 1277-1288	3.4	18
211	Global patterns of connectivity and isolation of populations of forest bird species in the late Pleistocene. *Global Ecology and Biogeography*, **2013**, 22, 596-606	6.1	18
210	The climate envelope may not be empty. *Proceedings of the National Academy of Sciences of the United States of America*, **2009**, 106, E47; author reply E41-3	11.5	18
209	Biodiversity consequences of sea level rise in New Guinea. *Pacific Conservation Biology*, **2008**, 14, 191	1.2	18
208	Modeling distributions of disjunct populations of the Sierra Madre Sparrow. *Journal of Field Ornithology*, **2008**, 79, 245-253	0.9	18
207	KANSAS GAP ANALYSIS: THE IMPORTANCE OF VALIDATING DISTRIBUTIONAL MODELS BEFORE USING THEM. *Southwestern Naturalist*, **2005**, 50, 230-236	0.3	18
206	Coarse-resolution Ecology of Etiological Agent, Vector, and Reservoirs of Zoonotic Cutaneous Leishmaniasis in Libya. *PLoS Neglected Tropical Diseases*, **2016**, 10, e0004381	4.8	18
205	Geographic potential of disease caused by Ebola and Marburg viruses in Africa. *Acta Tropica*, **2016**, 162, 114-124	3.2	17
204	Playing chicken with red junglefowl: identifying phenotypic markers of genetic purity in Gallus gallus. *Animal Conservation*, **2007**, 10, 429-435	3.2	17
203	VEGETATION-INDEX MODELS PREDICT AREAS VULNERABLE TO PURPLE LOOSESTRIFE (LYTHRUM SALICARIA) INVASION IN KANSAS. *Southwestern Naturalist*, **2006**, 51, 471-480	0.3	17
202	Evidence of Latitudinal Sexual Segregation Among Migratory Birds Wintering in Mexico. *Auk*, **2005**, 122, 938	2.1	17
201	Assessment of invasive potential of Homalodisca coagulata in western North America and south America. *Biota Neotropica*, **2003**, 3, 1-7	1.3	17
200	The ecology of chronic wasting disease in wildlife. *Biological Reviews*, **2020**, 95, 393-408	13.5	17

199	Range-wide ecological niche comparisons of parasite, hosts and dispersers in a vector-borne plant parasite system. *Journal of Biogeography*, **2014**, 41, 1664-1673	4.1	16
198	Open Access and the Author-Pays Problem: Assuring Access for Readers and Authors in the Global Academic Community. *Journal of Librarianship and Scholarly Communication*, **2015**, 1, 1064	0.6	16
197	Galictis cuja (Mammalia): an update of current knowledge and geographic distribution. *Iheringia - Serie Zoologia*, **2014**, 104, 341-346	0.9	16
196	Molecular systematics and evolution of the Cyanocorax jays. *Molecular Phylogenetics and Evolution*, **2010**, 54, 897-909	4.1	16
195	Ecology and geography of plague transmission areas in northeastern Brazil. *PLoS Neglected Tropical Diseases*, **2011**, 5, e925	4.8	16
194	Mapping monkeypox transmission risk through time and space in the Congo Basin. *PLoS ONE*, **2013**, 8, e74816	3.7	16
193	Automated identification of insect vectors of Chagas disease in Brazil and Mexico: the Virtual Vector Lab. *PeerJ*, **2017**, 5, e3040	3.1	16
192	Ecological Niche Modeling Using the Kepler Workflow System **2007**, 91-108		16
191	Assessing the current and future potential geographic distribution of the American dog tick, Dermacentor variabilis (Say) (Acari: Ixodidae) in North America. *PLoS ONE*, **2020**, 15, e0237191	3.7	16
190	Likely Geographic Distributional Shifts among Medically Important Tick Species and Tick-Associated Diseases under Climate Change in North America: A Review. *Insects*, **2021**, 12,	2.8	16
189	Data Leakage and Loss in Biodiversity Informatics. *Biodiversity Data Journal*, **2018**, e26826	1.8	16
188	Predicting suitable environments and potential occurrences for coelacanths (Latimeria spp.). *Biodiversity and Conservation*, **2012**, 21, 577-587	3.4	15
187	Niche Conservatism and Disjunct Populations: A Case Study with Painted Buntings (Passerina ciris)Conservatismo de Nicho y Poblaciones Disyuntas: Passerina ciris como Caso de Estudio. *Auk*, **2013**, 130, 476-486	2.1	15
186	Ecological approaches in veterinary epidemiology: mapping the risk of bat-borne rabies using vegetation indices and night-time light satellite imagery. *Veterinary Research*, **2015**, 46, 92	3.8	15
185	Ecological niches and potential geographical distributions of Mediterranean fruit fly (Ceratitis capitata) and Natal fruit fly (Ceratitis rosa). *Journal of Biogeography*, **2007**, 35, 070821084123001-???	4.1	15
184	Aquatic bird distributions in Mexico: designing conservation approaches quantitatively. *Biodiversity and Conservation*, **2008**, 17, 2525-2558	3.4	15
183	Environmental factors associated with distribution and range limits of malaria vector Anopheles farauti in Australia. *Journal of Medical Entomology*, **2006**, 43, 1068-75	2.2	15
182	Geographic Variation in the Ontogeny of Beak Coloration of Gray-Breasted Jays (Aphelocoma ultramarina). *Condor*, **1991**, 93, 448-452	2.1	15

181	Spatio-temporal dynamic of suitable areas for species conservation in West Africa: eight economically important wild palms under present and future climates. *Agroforestry Systems*, **2017**, 91, 527-540	2	14
180	Potential distribution of mosquito vector species in a primary malaria endemic region of Colombia. *PLoS ONE*, **2017**, 12, e0179093	3.7	14
179	Forecasting Chikungunya spread in the Americas via data-driven empirical approaches. *Parasites and Vectors*, **2016**, 9, 112	4	14
178	The role of physiological optima in shaping the geographic distribution of Spanish moss. *Global Ecology and Biogeography*, **2014**, 23, 633-645	6.1	14
177	Seasonal Variation in Spectral Signatures of Five Genera of Rainforest Trees. *IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing*, **2013**, 6, 339-350	4.7	14
176	Predictable ecology and geography of West Nile virus transmission in the central United States. *Journal of Vector Ecology*, **2008**, 33, 342-52	1.5	14
175	Risk Mapping of Highly Pathogenic Avian Influenza Distribution and Spread. *Ecology and Society*, **2008**, 13,	4.1	14
174	Mammal Taxa Constituting Potential Coevolved Reservoirs of Filoviruses. *Journal of Mammalogy*, **2007**, 88, 1544-1554	1.8	14
173	Ecological niche conservation and differentiation in the wood-feeding cockroaches, Cryptocercus, in the United States. *Biological Journal of the Linnean Society*, **2007**, 90, 457-466	1.9	14
172	Philopatry and genetic differentation in the Aphelocoma jays (Corvidae). *Biological Journal of the Linnean Society*, **1992**, 47, 249-260	1.9	14
171	Biodiversity governance: a Tower of Babel of scales and cultures. *PLoS Biology*, **2015**, 13, e1002108	9.7	13
170	Identification of potential areas for wild palm cultivation in the Republic of Benin through remote sensing and ecological niche modeling. *Genetic Resources and Crop Evolution*, **2017**, 64, 1383-1393	2	13
169	Comparative analysis of remotely-sensed data products via ecological niche modeling of avian influenza case occurrences in Middle Eastern poultry. *International Journal of Health Geographics*, **2011**, 10, 21	3.5	13
168	Fine-Scale Predictions of Distributions of Chagas Disease Vectors in the State of Guanajuato, Mexico. *Journal of Medical Entomology*, **2005**, 42, 1068-1081	2.2	13
167	Phylogenetic Position and Generic Placement of The Socorro Wren (Thryomanes Sissonii). *Auk*, **2005**, 122, 50-56	2.1	13
166	Free and Open Access to Bird Specimen Data: Why?. *Auk*, **2005**, 122, 987-990	2.1	13
165	Portable information technologies for supporting graphical mathematics investigations: overview of the PIGMI Project. *Journal of Computer Assisted Learning*, **2001**, 17, 219-220	3.8	13
164	Presence-only and Presence-absence Data for Comparing Species Distribution Modeling Methods. *Biodiversity Informatics*, **2020**, 15, 69-80	2.9	13

163	Mexican land birds reveal complexity in fine-scale patterns of endemism. *Journal of Biogeography*, **2017**, 44, 1836-1846	4.1	12
162	Ultraconserved elements resolve genus-level relationships in a major Australasian bird radiation (Aves: Meliphagidae). *Emu*, **2019**, 119, 218-232	1.1	12
161	Climate change implications for the distribution of the babesiosis and anaplasmosis tick vector, Rhipicephalus (Boophilus) microplus. *Veterinary Research*, **2020**, 51, 81	3.8	12
160	Distributional ecology of Andes hantavirus: a macroecological approach. *International Journal of Health Geographics*, **2018**, 17, 22	3.5	12
159	Predictable invasion dynamics in North American populations of the Eurasian collared dove. *Proceedings of the Royal Society B: Biological Sciences*, **2017**, 284,	4.4	12
158	Global potential distribution of the mosquito Aedes notoscriptus, a new alien species in the United States. *Journal of Vector Ecology*, **2015**, 40, 191-4	1.5	12
157	Predicting invasive potential of smooth crotalaria (Crotalaria pallida) in Brazilian national parks based on African records. *Weed Science*, **2006**, 54, 458-463	2	12
156	Systematic position of the Socorro mockingbird Mimodes graysoni. *Journal of Avian Biology*, **2004**, 35, 195-198	1.9	12
155	Influence of Bill Shape on Ectoparasite Load in Western Scrub-Jays. *Condor*, **2002**, 104, 675-678	2.1	12
154	SUBTLE RECENT DISTRIBUTIONAL SHIFTS IN GREAT PLAINS BIRD SPECIES. *Southwestern Naturalist*, **2003**, 48, 289-292	0.3	12
153	Zika Virus, Elevation, and Transmission Risk. *PLOS Currents*, **2016**, 8,		12
152	Leveraging natural history biorepositories as a global, decentralized, pathogen surveillance network. *PLoS Pathogens*, **2021**, 17, e1009583	7.6	12
151	Modeling endangered mammal species distributions and forest connectivity across the humid Upper Guinea lowland rainforest of West Africa. *Biodiversity and Conservation*, **2019**, 28, 671-685	3.4	12
150	Integrating morphology, phylogeography, and ecological niche modeling to explore population differentiation in North African Common Chaffinches. *Journal of Ornithology*, **2017**, 158, 1-13	1.5	11
149	Phylogenetic relationships of weaverbirds (Aves: Ploceidae): A first robust phylogeny based on mitochondrial and nuclear markers. *Molecular Phylogenetics and Evolution*, **2017**, 109, 21-32	4.1	11
148	The potential distribution of the Vulnerable African lion Panthera leo in the face of changing global climate. *Oryx*, **2014**, 48, 555-564	1.5	11
147	The Geographic Distribution of Ixodes scapularis (Acari: Ixodidae) Revisited: The Importance of Assumptions About Error Balance. *Journal of Medical Entomology*, **2017**, 54, 1080-1084	2.2	11
146	Species□Geographic Distributions Through Time: Playing Catch-up with Changing Climates. *Evolution: Education and Outreach*, **2012**, 5, 569-581	1.6	11

145	A New Species ofScytalopusTapaculo (Aves: Passeriformes: Rhinocryptidae) from the Andes of Central Peru. *Wilson Journal of Ornithology*, **2013**, 125, 233-242	0.4	11
144	Continent-wide association of H5N1 outbreaks in wild and domestic birds in Europe. *Geospatial Health*, **2011**, 5, 247-53	2.2	11
143	Microspatial distributional patterns of vectors of cutaneous leishmaniasis in pernambuco, northeastern Brazil. *Journal of Tropical Medicine*, **2012**, 2012, 642910	2.4	11
142	Spatiotemporal environmental triggers of Ebola and Marburg virus transmission. *Geocarto International*, **2008**, 23, 451-466	2.7	11
141	Improving methods for reporting spatial epidemiologic data. *Emerging Infectious Diseases*, **2008**, 14, 1335-6; author reply 1336-7	10.2	11
140	Geographic evaluation of conservation status of African forest squirrels (Sciuridae) considering land use change and climate change: the importance of point data. *Biodiversity and Conservation*, **2007**, 16, 3939-3950	3.4	11
139	Gene Flow in Scrub Jays: Frequency and Direction of Movement. *Condor*, **1991**, 93, 926	2.1	11
138	Completeness of Digital Accessible Knowledge of the Plants of Ghana. *Biodiversity Informatics*,11,	2.9	11
137	A comment on Species are not most abundant in the centre of their geographic range or climatic niche *Rethinking Ecology*,3, 13-18	0	11
136	Bird conservation and biodiversity research in Mexico: status and priorities. *Journal of Field Ornithology*, **2016**, 87, 121-132	0.9	11
135	Co-occurrence Networks do not Support Identification of Biotic Interactions. *Biodiversity Informatics*, **2020**, 15, 1-10	2.9	10
134	Potential distributions of Bacillus anthracis and Bacillus cereus biovar anthracis causing anthrax in Africa. *PLoS Neglected Tropical Diseases*, **2020**, 14, e0008131	4.8	10
133	Potential geographic distribution of the novel avian-origin influenza A (H7N9) virus. *PLoS ONE*, **2014**, 9, e93390	3.7	10
132	Phylogenetic assessment of filoviruses: how many lineages of Marburg virus?. *Ecology and Evolution* , **2012**, 2, 1826-33	2.8	10
131	PHYLOGENETIC POSITION AND GENERIC PLACEMENT OF THE SOCORRO WREN (THRYOMANES SISSONII). *Auk*, **2005**, 122, 50	2.1	10
130	THE MEXICAN SHEARTAIL (DORICHA ELIZA): MORPHOLOGY, BEHAVIOR, DISTRIBUTION, AND ENDANGERED STATUS. *The Wilson Bulletin*, **2002**, 114, 153-160		10
129	New bird species, DNA studies and type specimens. *Trends in Ecology and Evolution*, **1992**, 7, 167-8	10.9	10
128	Transferability and model evaluation in ecological niche modeling: a comparison of GARP and Maxent **2007**, 30, 550		10

127	The development of ornithology in Mexico and the importance of access to scientific information. *Archives of Natural History*, **2016**, 43, 294-304	0.1	10
126	Importance of biotic predictors in estimation of potential invasive areas: the example of the tortoise beetle , in Hispaniola. *PeerJ*, **2018**, 6, e6052	3.1	10
125	Current and potential future distributions of Hass avocados in the face of climate change across the Americas. *Crop and Pasture Science*, **2019**, 70, 694	2.2	10
124	Open access solutions for biodiversity journals: Do not replace one problem with another. *Diversity and Distributions*, **2019**, 25, 5-8	5	10
123	What is the shape of the fundamental Grinnellian niche?. *Theoretical Ecology*, **2020**, 13, 105-115	1.6	10
122	Spatial epidemiology of bat-borne rabies in Colombia. *Revista Panamericana De Salud Publica/Pan American Journal of Public Health*, **2013**, 34, 135-6	4.1	10
121	The Leading Edge of the Geographic Distribution of Ixodes scapularis (Acari: Ixodidae). *Journal of Medical Entomology*, **2017**, 54, 1103	2.2	9
120	Spatial and temporal patterns of occurrence of Lutzomyia sand fly species in an endemic area for cutaneous leishmaniasis in the Atlantic Forest region of northeast Brazil. *Journal of Vector Ecology*, **2011**, 36 Suppl 1, S71-6	1.5	9
119	Historical Distribution of the Extinct Tropical Seal, Monachus tropicalis (Carnivora: Phocidae). *Conservation Biology*, **1997**, 11, 549-551	6	9
118	Museum collections and taxonomy. *Science*, **2004**, 305, 1106-7	33.3	9
117	Use of datasets derived from time-series AVHRR imagery as surrogates for land cover maps in predicting species' distributions		9
116	Geographic potential of the world's largest hornet, Smith (Hymenoptera: Vespidae), worldwide and particularly in North America. *PeerJ*, **2021**, 9, e10690	3.1	9
115	Niche-based projections of wetlands shifts with marine intrusion from sea level rise: an example analysis for North Carolina. *Environmental Earth Sciences*, **2015**, 73, 1479-1490	2.9	8
114	Mapping risk of Nipah virus transmission across Asia and across Bangladesh. *Asia-Pacific Journal of Public Health*, **2015**, 27, NP824-32	2	8
113	New phylogenetic information suggests both an increase and at least one loss of cooperative breeding during the evolutionary history of Aphelocoma jays. *Evolutionary Ecology*, **2012**, 26, 43-54	1.8	8
112	Ecological niches and present and historical geographic distributions of species: a 15-year review of frameworks, results, pitfalls, and promises. *Folia Zoologica*, **2015**, 64, 207-217	1.3	8
111	Late Pleistocene Potential Distribution of the North African Sengi or Elephant-ShrewElephantulus rozeti(Mammalia: Macroscelidea). *African Zoology*, **2010**, 45, 330-339	1.1	8
110	Toward Open Access: It Takes a Village *Journal of Library Administration*, **2011**, 51, 557-579	0.8	8

109	Avian Influenza infections in nonmigrant land birds in Andean Peru. *Journal of Wildlife Diseases*, **2012**, 48, 910-7	1.3	8
108	INFLUENCE OF BILL SHAPE ON ECTOPARASITE LOAD IN WESTERN SCRUB-JAYS. *Condor*, **2002**, 104, 675	2.1	8
107	Digital Accessible Knowledge and well-inventoried sites for birds in Mexico: baseline sites for measuring faunistic change. *PeerJ*, **2016**, 4, e2362	3.1	8
106	Optimizing biodiversity informatics to improve information flow, data quality, and utility for science and society. *Frontiers of Biogeography*, **2020**, 12,	2.9	8
105	Recognizing sources of uncertainty in disease vector ecological niche models: An example with the tick Rhipicephalus sanguineus sensu lato. *Perspectives in Ecology and Conservation*, **2020**, 18, 91-102	3.5	7
104	Ecological and historical views of the diversification of Geositta miners (Aves: Furnariidae: Sclerurinae). *Journal of Ornithology*, **2017**, 158, 15-23	1.5	7
103	Avifaunal Surveys of the Upper Apurímac River Valley, Ayacucho and Cuzco Departments, Peru: New Distributional Records and Biogeographic, Taxonomic, and Conservation Implications. *Wilson Journal of Ornithology*, **2015**, 127, 563	0.4	7
102	Spatial Scaling of Prevalence and Population Variation in Three Grassland Sparrows. *Condor*, **2013**, 115, 186-197	2.1	7
101	Joint Effects of Marine Intrusion and Climate Change on the Mexican Avifauna. *Annals of the American Association of Geographers*, **2010**, 100, 908-916		7
100	Constructing Check-lists and Avifauna-wide Reviews: Mexican Bird Taxonomy Revisited. *Auk*, **2009**, 126, 915-921	2.1	7
99	A prototype forecasting system for bird-borne disease spread in North America based on migratory bird movements. *Epidemics*, **2009**, 1, 240-9	5.1	7
98	THE ORNITHOLOGY OF THE REAL EXPEDICIÓN BOTÁNICA A NUEVA ESPAÑA (1787–1803): AN ANALYSIS OF THE MANUSCRIPTS OF JOSÉ MARIANO MOCIÑO. *Condor*, **2007**, 109, 808	2.1	7
97	Visualizing environmental correlates of species geographical range limits. *Diversity and Distributions*, **2005**, 11, 275-278	5	7
96	Free and Open Access to Bird Specimen Data: Why?. *Auk*, **2005**, 122, 987	2.1	7
95	Climate change influences on the potential distribution of Dianthus polylepis Bien. ex Boiss. (Caryophyllaceae), an endemic species in the Irano-Turanian region. *PLoS ONE*, **2020**, 15, e0237527	3.7	7
94	Pleistocene diversification and speciation of White-throated Thrush (Turdus assimilis; Aves: Turdidae). *Journal of Ornithology*, **2016**, 157, 1073-1085	1.5	7
93	Effects of climate change on the distributional potential of three range-restricted West African bird species. *Condor*, **2019**, 121,	2.1	6
92	Delineating Sea Level Rise Inundation Using a Graph Traversal Algorithm. *Marine Geodesy*, **2014**, 37, 267-281	2.1	6

91	A new species of Brush-Finch (Arremon; Emberizidae) from western Mexico. *Wilson Journal of Ornithology*, **2013**, 125, 443-453	0.4	6
90	Bottlenecks in the Open-Access System: Voices from Around the Globe. *Journal of Librarianship and Scholarly Communication*, **2015**, 2, 1126	0.6	6
89	Phylogeographic patterns of differentiation in the Acorn Woodpecker. *Wilson Journal of Ornithology*, **2008**, 120, 478-493	0.4	6
88	Supraspecific units in correlative niche modeling improves the prediction of geographic potential of biological invasions. *PeerJ*, **2020**, 8, e10454	3.1	6
87	Estimation of cultivable areas for Irvingia gabonensis and I. wombolu (Irvingiaceae) in Dahomey-Gap (West Africa). *Agroforestry Systems*, **2019**, 93, 937-946	2	6
86	Replacing "parachute science" with "global science" in ecology and conservation biology. *Conservation Science and Practice*,e517	2.2	6
85	Reconstructing the geographic origin of the New World jays. *Neotropical Biodiversity*, **2017**, 3, 80-92	0.7	5
84	Problems with reductive, polygon-based methods for estimating species' ranges: reply to Pimm et´al. 2017. *Conservation Biology*, **2017**, 31, 948-951	6	5
83	Reexamining Phylloscopus trochiloides complex as a ring species: a refugial counter-hypothesis. *Journal of Avian Biology*, **2017**, 48, 1608-1613	1.9	5
82	Acknowledging uncertainty in evolutionary reconstructions of ecological niches. *Ecology and Evolution*, **2020**, 10, 6967-6977	2.8	5
81	Utility and limitations of climate-matching approaches in detecting different types of spatial errors in biodiversity data. *Insect Conservation and Diversity*, **2018**, 11, 407-414	3.8	5
80	Rethinking phylogeographic structure and historical refugia in the rufous-capped babbler Cyanoderma ruficeps in light of range-wide genetic sampling and paleodistributional reconstructions. *Environmental Epigenetics*, **2015**, 61, 901-909	2.4	5
79	Recent advances in the climate change biology literature: describing the whole elephant. *Wiley Interdisciplinary Reviews: Climate Change*, **2010**, 1, 548-555	8.4	5
78	Cautions in weighting individual ecological niche models in ensemble forecasting. *Ecological Modelling*, **2021**, 448, 109502	3	5
77	Incorporating time into the traditional correlational distributional modelling framework: A proof-of-concept using the Wood Thrush Hylocichla mustelina. *Methods in Ecology and Evolution*, **2021**, 12, 311-321	7.7	5
76	How open access is crucial to the future of science. *Journal of Wildlife Management*, **2017**, 81, 564-566	1.9	4
75	Good and bad news about Ebola. *PLoS Neglected Tropical Diseases*, **2015**, 9, e0003509	4.8	4
74	Effects of Climate History and Environmental Grain on Species' Distributions in Africa and South America. *Biotropica*, **2015**, 47, 292-299	2.3	4

73	Great journey of Great Tits (Parus major group): Origin, diversification and historical demographics of a broadly distributed bird lineage. *Journal of Biogeography*, **2020**, 47, 1585-1598	4.1	4
72	Diversity, above-ground biomass, and vegetation patterns in a tropical dry forest in Kimbi-Fungom National Park, Cameroon. *Heliyon*, **2020**, 6, e03290	3.6	4
71	Subsidizing truly open access. *Science*, **2016**, 352, 1405	33.3	4
70	Endemicity and climatic niche differentiation in three marine ciliated protists. *Limnology and Oceanography*, **2018**, 63, 2727-2736	4.8	4
69	Type specimens in modern ornithology are necessary and irreplaceable. *Auk*, **2014**, 131, 282-286	2.1	4
68	Climatic niche and flowering and fruiting phenology of an epiphytic plant. *AoB PLANTS*, **2015**, 7,	2.9	4
67	Multiscalar Ecological Characterization of Say's and Eastern Phoebes and Their Zone of Contact in the Great Plains. *Condor*, **2011**, 113, 372-384	2.1	4
66	Sympatry in Abronia (Squamata: Anguidae) and the Problem of Mario del Toro Aviles' Specimens. *Journal of Herpetology*, **1996**, 30, 260	1.1	4
65	Consistency of Taxonomic Treatments: A Response to Remsen (2005). *Auk*, **2006**, 123, 885	2.1	4
64	A Critical Evaluation of Kenyon's Shag (Phalacrocorax [Stictocarbo] Kenyoni). *Auk*, **2000**, 117, 308-320	2.1	4
63	Botanical Sampling Gaps Across the Cameroon Mountains. *Biodiversity Informatics*,12,	2.9	4
62	Seasonal Niches of Nearctic-Neotropical Migratory Birds: Implications for the Evolution of Migration. *Auk*, **2004**, 121, 610-618	2.1	4
61	Vegetation, floristic composition and structure of a tropical montane forest in Cameroon. *Bothalia*, **2019**, 49,	1.2	4
60	A comment on Species are not most abundant in the centre of their geographic range or climatic niche		4
59	Evaluating the capacity of species distribution modeling to predict the geographic distribution of the mangrove community in Mexico. *PLoS ONE*, **2020**, 15, e0237701	3.7	4
58	Biodiversity and the Internet: Building and Using the Virtual World Museum. *Advanced Information and Knowledge Processing*, **2004**, 91-99	0.3	4
57	SEMINARIOS EN LNEA SOBRE ANLISIS ESPACIALES CON NFASIS EN MODELOS DE NICHO ECOLGICO. *Biodiversity Informatics*, **2017**, 12,	2.9	3
56	Trans-Amazon dispersal potential for Crotalus durissus during Pleistocene climate events. *Biota Neotropica*, **2015**, 15,		3

55	Genetic structure of herpetofauna on Halmahera Island, Indonesia: implications for Aketajawe-Lolobata National Park. *Conservation Biology*, **2010**, 24, 553-62	6	3
54	Mapping the Land Cover of Mexico Using AVHRR Time-Series Data Sets. *Geocarto International*, **2000**, 15, 7-20	2.7	3
53	Making biodiversity discovery more efficient: An exploratory test using Mexican birds. *Zootaxa*, **2009**, 2246, 58-66	0.5	3
52	Geographic variation in the rosy thrush-tanager (rhodinocichla rosea) complex of mesoamerica (aves: passeriformes). *Biota Neotropica*, **2004**, 4, 1-7	1.3	3
51	Assessment and representation of variability in ecological niche model predictions		3
50	A new model for efficient, need-driven progress in generating primary biodiversity information resources. *Applications in Plant Sciences*, **2020**, 8, e11318	2.3	2
49	Completeness of digital accessible knowledge of the birds of western Africa: Priorities for survey. *Condor*, **2019**, 121,	2.1	2
48	The NIH public access policy did not harm biomedical journals. *PLoS Biology*, **2019**, 17, e3000352	9.7	2
47	perspective: Phylogeography is not enough: The need for multiple lines of evidence. *Frontiers of Biogeography*, **2012**, 1,	2.9	2
46	Sharing: lessons from natural history's success story. *Nature*, **2009**, 462, 34	50.4	2
45	Prioritisation of Mexican lowland rain forests for conservation using modelled geographic distributions of birds. *Journal for Nature Conservation*, **2008**, 16, 109-116	2.3	2
44	Biodiversity Informatics Training Curriculum, version 1.2. *Biodiversity Informatics*,11,	2.9	2
43	Endemism and geographic distribution of African Thismiaceae. *Plant Ecology and Evolution*, **2017**, 150, 304-312	1.6	2
42	Inventory statistics meet big data: complications for estimating numbers of species. *PeerJ*, **2020**, 8, e8873	3.1	2
41	Seasonal Niches of Nearctic-Neotropical Migratory Birds: Implications for the Evolution of Migration. *Auk*, **2004**, 121, 610-618	2.1	2
40	Upward shifts in elevational limits of forest and grassland for Mexican volcanoes over three decades. *Biotropica*, **2021**, 53, 798-807	2.3	2
39	Climatic suitability of the eastern paralysis tick, Ixodes holocyclus, and its likely geographic distribution in the year 2050. *Scientific Reports*, **2021**, 11, 15330	4.9	2
38	Different elevational environments dictate contrasting patterns of niche evolution in Neotropical Pithecopus treefrog species. *Biotropica*, **2021**, 53, 1042-1051	2.3	2

37	Ecological niche models of biotic interactions predict increasing pest risk to olive cultivars with changing climate. *Ecosphere*, **2021**, 12, e03714	3.1	2
36	Genome-environment association methods comparison supports omnigenic adaptation to ecological niche in malaria vector mosquitoes. *Molecular Ecology*, **2021**, 30, 6468-6485	5.7	2
35	Potential Roles of Environmental and Socio-Economic Factors in the Distribution of Insecticide Resistance in Anopheles gambiae sensu lato (Culicidae: Diptera) Across Togo, West Africa. *Journal of Medical Entomology*, **2020**, 57, 1168-1175	2.2	1
34	Compatible ecological niche signals between biological and archaeological datasets for late-surviving Neandertals. *American Journal of Physical Anthropology*, **2018**, 166, 968-974	2.5	1
33	Testing environmental correlates of clines in clades: an example from cassidine beetles. *Insect Conservation and Diversity*, **2017**, 10, 472-482	3.8	1
32	Case 3623Grallaria fenwickorumBarrera et al., 2010 (Aves, formicariidae): proposed replacement of an indeterminate holotype by a neotype. *Bulletin of Zoological Nomenclature*, **2013**, 70, 99-102	0.2	1
31	Preliminary analysis of the ecology and geography of the Asian nuthatches (Aves: Sittidae). *Wilson Journal of Ornithology*, **2008**, 120, 692-699	0.4	1
30	Pervasive poleward shifts among North American bird species. *Biodiversity*, **2008**, 9, 114-116	0.7	1
29	Coarse-scale spatial and ecological analysis of tuberculosis in cattle: an investigation in Jalisco, Mexico. *Geospatial Health*, **2008**, 3, 29-38	2.2	1
28	The Ornithology of the Real Expedici Bot ica a Nueva Espa (17871803): An Analysis of the Manuscripts of Jos Mariano Moci . *Condor*, **2007**, 109, 808-823	2.1	1
27	Philippine bird taxonomy and conservation, a response to Collar. *Bird Conservation International*, **2007**, 17, 115-118	1.7	1
26	Consistency of Taxonomic Treatments: A Response to. *Auk*, **2006**, 123, 885-887	2.1	1
25	Determinants of diversity in a naturally fragmented landscape: humid montane forest avifaunas of Mesoamerica. *Ecography*, **1999**, 22, 582-589	6.5	1
24	New distributional opportunities with niche innovation in Eurasian snowfinches. *Journal of Avian Biology*, **2021**, 52,	1.9	1
23	Malaria in North Africa: A Review of the Status of Vectors and Parasites. *Journal of Entomological Science*, **2020**, 55, 25	0.4	1
22	Geographic potential of the world largest hornet,Vespa mandariniaSmith (Hymenoptera: Vespidae), worldwide and particularly in North America		1
21	Modelling potential Pleistocene habitat corridors between Afromontane forest regions. *Biodiversity and Conservation*, **2021**, 30, 2361-2375	3.4	1
20	Rivers, not refugia, drove diversification in arboreal, sub-Saharan African snakes. *Ecology and Evolution*, **2021**, 11, 6133-6152	2.8	1

19	Getting the Ploceidae tree right. *Molecular Phylogenetics and Evolution*, **2019**, 131, 228	4.1	1
18	Impact of public sentiments on the transmission of COVID-19 across a geographical gradient		1
17	A synopsis of the Bee occurrence data of northern Tanzania. *Biodiversity Data Journal*, **2021**, 9, e68190	1.8	1
16	Application of Deep Learning to Community-Science-Based Mosquito Monitoring and Detection of Novel Species. *Journal of Medical Entomology*, **2021**,	2.2	1
15	Deep learning improves acoustic biodiversity monitoring and new candidate forest frog species identification (genus Platymantis) in the Philippines. *Biodiversity and Conservation*, **2021**, 30, 643-657	3.4	1
14	Mapping the geographic distribution of Aglaia bourdillonii Gamble (Meliaceae), an endemic and threatened plant, using ecological niche modeling. *Topics in Biodiversity and Conservation*, **2006**, 343-351	0.2	1
13	Climate change influences on the geographic distributional potential of the spotted fever vectors and .. *PeerJ*, **2022**, 10, e13279	3.1	1
12	Recognition of a new generic-level swallow taxon from central Africa. *Journal of Avian Biology*, **2018**, 49, e01698	1.9	0
11	Predicted impacts of global climate change on the geographic distribution of an invaluable African medicinal plant resource, Alstonia boonei De Wild. *Journal of Applied Research on Medicinal and Aromatic Plants*, **2019**, 14, 100206	2.6	0
10	Pleistocene range dynamics and episodic rarity in an extinct bird. *Proceedings of the National Academy of Sciences of the United States of America*, **2014**, 111, 10400-1	11.5	0
9	Potential geographic distribution of , the vector of Powassan virus.. *Journal of Vector Ecology*, **2021**, 46, 155-162	1.5	0
8	Lack of protected areas and future habitat loss threaten the Hyacinth Macaw (Anodorhynchus hyacinthinus) and its main food and nesting resources. *Ibis*, **2021**, 163, 1217-1234	1.9	0
7	Predicting Abundances of Aedes mcintoshi, a primary Rift Valley fever virus mosquito vector. *PLoS ONE*, **2019**, 14, e0226617	3.7	0
6	Climate change impacts on Anopheles (K.) cruzii in urban areas of Atlantic Forest of Brazil: Challenges for malaria diseases. *Acta Tropica*, **2021**, 224, 106123	3.2	0
5	Coupling genetic structure analysis and ecological-niche modeling in Kersting's groundnut in West Africa.. *Scientific Reports*, **2022**, 12, 5590	4.9	0
4	Niche Modeling: Predictions from Statistical Distributions by David R.B. Stockwell. *International Statistical Review*, **2007**, 75, 252-252	1.4	
3	Effects of climatic change on the potential geographic distribution of the threatened West-Central African endemic genus, Talbotiella. *African Journal of Ecology*, **2021**, 59, 479-488	0.8	
2	On the potential of documenting decadal-scale avifaunal change from before-and-after comparisons of museum and observational data across North America. *Avian Research*, **2022**, 13, 100005	2	

1	Spatio-temporal dynamics of rabies and habitat suitability of the common marmoset Callithrix jacchus in Brazil.. *PLoS Neglected Tropical Diseases*, **2022**, 16, e0010254	4.8