

ENERGY, WATER, AND BROAD-SCALE GEOGRAPHIC P

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Macroecological Patterns in Forest Bird Diversity in Europe. , 0, , 137-182.		5
2	Latitudinal diversity gradients: equilibrium and nonequilibrium explanations. , 0, , 155-168.		1
3	Biotic interactions and speciation in the tropics. , 2001, , 219-239.		66
4	Setting targets: tradeoffs between ecology and economics. , 2001, , 328-351.		1
5	Spatial patterns in species richness and the geometric constraint simulation model: a global analysis of mid-domain effect in Falconiformes. Acta Oecologica, 2003, 24, 203-207.	0.5	22
6	Ecology Drives the Worldwide Distribution of Human Diseases. PLoS Biology, 2004, 2, e141.	2.6	525
7	REGIONAL DIFFERENCES IN RATES OF PLANT SPECIATION AND MOLECULAR EVOLUTION: A COMPARISON BETWEEN EASTERN ASIA AND EASTERN NORTH AMERICA. Evolution; International Journal of Organic Evolution, 2004, 58, 2175.	1.1	15
8	Hemispheric Asymmetries in Biodiversityâ€”A Serious Matter for Ecology. PLoS Biology, 2004, 2, e406.	2.6	129
9	Predictions and tests of climate-based hypotheses of broad-scale variation in taxonomic richness. Ecology Letters, 2004, 7, 1121-1134.	3.0	1,011
10	Habitat loss and the limits to endangered species recovery. Ecology Letters, 2004, 7, 1163-1169.	3.0	146
11	Anthropogenic impacts upon plant species richness and net primary productivity in California. Ecology Letters, 2004, 8, 127-137.	3.0	53
12	Sensitivity of macroecological patterns of South American parrots to differences in data sources. Global Ecology and Biogeography, 2004, 13, 193-198.	2.7	18
13	Macroecological explanations for differences in species richness gradients: a canonical analysis of South American birds. Journal of Biogeography, 2004, 31, 1819-1827.	1.4	31
14	Does plant richness influence animal richness?: the mammals of Catalonia (NE Spain). Diversity and Distributions, 2004, 10, 247-252.	1.9	48
15	Why Do Some Tropical Forests Have So Many Species of Trees?. Biotropica, 2004, 36, 447-473.	0.8	156
16	Why should we constrain stress and limitation? Why conceptual terms deserve broad definitions. Journal of Vegetation Science, 2004, 15, 569-571.	1.1	6
17	â€”Latitudeâ€” and geographic patterns in species richness. Ecography, 2004, 27, 268-272.	2.1	191
18	Tree diversity in the northern Neotropics: regional patterns in highly diverse Chiapas, Mexico. Ecography, 2004, 27, 741-756.	2.1	38

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19	REGIONAL DIFFERENCES IN RATES OF PLANT SPECIATION AND MOLECULAREVOLUTION: A COMPARISON BETWEEN EASTERN ASIA AND EASTERN NORTH AMERICA. <i>Evolution; International Journal of Organic Evolution</i> , 2004, 58, 2175-2184.	1.1	125
20	Invited Views in Basic and Applied Ecology: Are we making progress toward understanding the global diversity gradient?. <i>Basic and Applied Ecology</i> , 2004, 5, 1-3.	1.2	28
21	Explaining the global biodiversity gradient: energy, area, history and natural selection. <i>Basic and Applied Ecology</i> , 2004, 5, 435-448.	1.2	90
22	A test of multiple hypotheses for the species richness gradient of South American owls. <i>Oecologia</i> , 2004, 140, 633-638.	0.9	32
23	Interpreting co-variation in species richness and productivity in terrestrial vegetation: Making sense of causations and correlations at multiple scales. <i>Folia Geobotanica</i> , 2004, 39, 385-403.	0.4	23
24	Wallace's unfinished business: The 'Other Man' in evolutionary theory. <i>Complexity</i> , 2004, 10, 25-32.	0.9	7
25	PATTERNS AND CAUSES OF SPECIES ENDANGERMENT IN CANADA. , 2004, 14, 743-753.		95
26	Why Do Some Tropical Forests Have So Many Species of Trees?1. <i>Biotropica</i> , 2004, 36, 447.	0.8	176
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28	TEMPORAL DYNAMICS IN THE STRUCTURE AND COMPOSITION OF A DESERT RODENT COMMUNITY. <i>Ecology</i> , 2004, 85, 2649-2655.	1.5	61
29	Regional versus Climatic Effect on Taxon Richness in Angiosperms: Reply to Qian and Ricklefs. <i>American Naturalist</i> , 2004, 163, 780-785.	1.0	47
30	Large-scale biodiversity pattern of Cumacea (Peracarida: Crustacea) in the deep Atlantic. <i>Marine Ecology - Progress Series</i> , 2004, 277, 181-196.	0.9	32
31	Influence of climate, elevation, and land use in regional herpetofaunal distribution in Tochigi Prefecture, Japan. <i>Community Ecology</i> , 2005, 6, 219-227.	0.5	7
32	GLOBAL MODELS FOR PREDICTING WOODY PLANT RICHNESS FROM CLIMATE: DEVELOPMENT AND EVALUATION. <i>Ecology</i> , 2005, 86, 2263-2277.	1.5	139
33	Range size in mid-domain models of species diversity. <i>Journal of Theoretical Biology</i> , 2005, 232, 119-126.	0.8	27
34	TESTING FOR LATITUDINAL BIAS IN DIVERSIFICATION RATES: AN EXAMPLE USING NEW WORLD BIRDS. <i>Ecology</i> , 2005, 86, 2278-2287.	1.5	156
35	Disparity between range map- and survey-based analyses of species richness: patterns, processes and implications. <i>Ecology Letters</i> , 2005, 8, 319-327.	3.0	212
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38	Species-energy relationship in the deep sea: a test using the Quaternary fossil record. <i>Ecology Letters</i> , 2005, 8, 739-747.	3.0	85
39	Does energy availability influence classical patterns of spatial variation in exotic species richness?. <i>Global Ecology and Biogeography</i> , 2005, 14, 57-65.	2.7	23
40	People, energy and avian species richness. <i>Global Ecology and Biogeography</i> , 2005, 14, 187-196.	2.7	68
41	Pteridophyte richness, climate and topography in the Iberian Peninsula: comparing spatial and nonspatial models of richness patterns. <i>Global Ecology and Biogeography</i> , 2005, 14, 155-165.	2.7	62
42	Modelling geographical patterns in species richness using eigenvector-based spatial filters. <i>Global Ecology and Biogeography</i> , 2005, 14, 177-185.	2.7	288
43	Macroecological correlates and spatial patterns of anuran description dates in the Brazilian Cerrado. <i>Global Ecology and Biogeography</i> , 2005, 14, 469-477.	2.7	79
44	Environmental and spatial controls of palm (Arecaceae) species richness across the Americas. <i>Global Ecology and Biogeography</i> , 2005, 14, 423-429.	2.7	101
45	Human impacts, energy availability and invasion across Southern Ocean Islands. <i>Global Ecology and Biogeography</i> , 2005, 14, 521-528.	2.7	66
46	Raptorial birds and environmental gradients in the southern Neotropics: A test of species-richness hypotheses. <i>Austral Ecology</i> , 2005, 30, 892-898.	0.7	12
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50	Alfred Russel Wallace, past and future. <i>Journal of Biogeography</i> , 2005, 32, 1509-1515.	1.4	14
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53	Can the evolutionary-rates hypothesis explain species-energy relationships?. <i>Functional Ecology</i> , 2005, 19, 899-915.	1.7	65
54	REPLICATE PATTERNS OF SPECIES RICHNESS, HISTORICAL BIOGEOGRAPHY, AND PHYLOGENY IN HOLARCTIC TREEFROGS. <i>Evolution; International Journal of Organic Evolution</i> , 2005, 59, 2433-2450.	1.1	123

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55	POPULATION DIFFERENTIATION DECREASES WITH DEPTH IN DEEP-SEA BIVALVES. <i>Evolution; International Journal of Organic Evolution</i> , 2005, 59, 1479-1491.	1.1	102
56	Patterns of interaction between plants and pollinators along an environmental gradient. <i>Oikos</i> , 2005, 109, 461-472.	1.2	101
57	Neutrality and the niche. <i>Functional Ecology</i> , 2005, 19, 1-6.	1.7	77
58	An evolutionary tolerance model explaining spatial patterns in species richness under environmental gradients and geometric constraints. <i>Ecography</i> , 2005, 28, 253-263.	2.1	58
59	Diversity and productivity of plant communities across the Inland Northwest, USA. <i>Oecologia</i> , 2005, 143, 607-618.	0.9	5
60	Speciesâ€“energy relationships at the macroecological scale: a review of the mechanisms. <i>Biological Reviews</i> , 2005, 80, 1-25.	4.7	607
61	Present state of rivers and streams in Japan. <i>River Research and Applications</i> , 2005, 21, 93-112.	0.7	149
62	REPLICATE PATTERNS OF SPECIES RICHNESS, HISTORICAL BIOGEOGRAPHY, AND PHYLOGENY IN HOLARCTIC TREEFROGS. <i>Evolution; International Journal of Organic Evolution</i> , 2005, 59, 2433.	1.1	2
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64	Developing Unified Theories in Ecology as Exemplified with Diversity Gradients. <i>American Naturalist</i> , 2005, 166, 458-469.	1.0	73
65	POPULATION DIFFERENTIATION DECREASES WITH DEPTH IN DEEP-SEA BIVALVES. <i>Evolution; International Journal of Organic Evolution</i> , 2005, 59, 1479.	1.1	6
66	Productivity-diversity relationships for plants, bryophytes, lichens, and polypore fungi in six northern forest landscapes. <i>Ecography</i> , 2005, 28, 705-720.	2.1	31
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68	The Midâ€“Domain Effect: Thereâ€™s a Baby in the Bathwater. <i>American Naturalist</i> , 2005, 166, E149-E154.	1.0	82
69	Global patterns of <i>Sphagnum</i> productivity. <i>Journal of Bryology</i> , 2005, 27, 269-279.	0.4	162
70	Evolution of diversity: the Cape flora. <i>Trends in Plant Science</i> , 2005, 10, 536-541.	4.3	191
71	Linking aboveground and belowground diversity. <i>Trends in Ecology and Evolution</i> , 2005, 20, 625-633.	4.2	359
72	Energy, water and large-scale patterns of reptile and amphibian species richness in Europe. <i>Acta Oecologica</i> , 2005, 28, 65-70.	0.5	152

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74	PLANT SPECIES INVASIONS ALONG THE LATITUDINAL GRADIENT IN THE UNITED STATES. <i>Ecology</i> , 2005, 86, 2298-2309.	1.5	93
75	SPATIAL HETEROGENEITY EXPLAINS THE SCALE DEPENDENCE OF THE NATIVEâ€™EXOTIC DIVERSITY RELATIONSHIP. <i>Ecology</i> , 2005, 86, 1602-1610.	1.5	375
76	The relationships between terrestrial vertebrate species richness in Chinaâ€™s nature reserves and environmental variables. <i>Canadian Journal of Zoology</i> , 2006, 84, 1368-1374.	0.4	17
77	REGIONAL AND LOCAL SPECIES RICHNESS IN AN INSULAR ENVIRONMENT: SERPENTINE PLANTS IN CALIFORNIA. <i>Ecological Monographs</i> , 2006, 76, 41-56.	2.4	157
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79	The significance of geographic range size for spatial diversity patterns in Neotropical palms. <i>Ecography</i> , 2006, 29, 21-30.	2.1	95
80	Contrasting spatial and temporal global change impacts on butterfly species richness during the 20th century. <i>Ecography</i> , 2006, 29, 908-918.	2.1	50
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82	Physiological Diversity in Insects: Ecological and Evolutionary Contexts. <i>Advances in Insect Physiology</i> , 2006, 33, 50-152.	1.1	446
83	GLOBAL BIODIVERSITY PATTERNS OF BENTHIC MARINE ALGAE. <i>Ecology</i> , 2006, 87, 2479-2488.	1.5	163
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86	The Tangled Nature model with inheritance and constraint: Evolutionary ecology restricted by a conserved resource. <i>Ecological Complexity</i> , 2006, 3, 253-262.	1.4	28
87	Relationships between aquatic plants and environmental factors along a steep Himalayan altitudinal gradient. <i>Aquatic Botany</i> , 2006, 84, 3-16.	0.8	83
88	Climatic control of primary forest structure and DBHâ€™height allometry in Northeast China. <i>Forest Ecology and Management</i> , 2006, 234, 264-274.	1.4	129
89	Utility and limitations of species richness metrics for conservation planning. <i>Ecological Indicators</i> , 2006, 6, 543-553.	2.6	223
90	Evolutionary and Ecological Causes of the Latitudinal Diversity Gradient in Hylid Frogs: Treefrog Trees Unearth the Roots of High Tropical Diversity. <i>American Naturalist</i> , 2006, 168, 579-596.	1.0	365

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97	Butterfly extinctions in European states: do socioeconomic conditions matter more than physical geography?. <i>Global Ecology and Biogeography</i> , 2006, 15, 82-92.	2.7	59
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101	Patterns of fish species richness in China's lakes. <i>Global Ecology and Biogeography</i> , 2006, 15, 386-394.	2.7	44
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105	A resource-based conceptual model of plant diversity that reassesses causality in the productivity-diversity relationship. <i>Global Ecology and Biogeography</i> , 2006, 15, 213-224.	2.7	9
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107	Modelling tree diversity in a highly fragmented tropical montane landscape. <i>Global Ecology and Biogeography</i> , 2006, 15, 602-613.	2.7	48
108	Incorporating spatial autocorrelation may invert observed patterns. <i>Diversity and Distributions</i> , 2006, 13, 061117052025001-???	1.9	103

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110	Ants, altitude and change in the northern Cape Floristic Region. <i>Journal of Biogeography</i> , 2006, 33, 71-90.	1.4	94
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112	An evaluation of the influence of environment and biogeography on community structure: the case of Holarctic mammals. <i>Journal of Biogeography</i> , 2006, 33, 291-303.	1.4	30
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122	Out of the Tropics: Evolutionary Dynamics of the Latitudinal Diversity Gradient. <i>Science</i> , 2006, 314, 102-106.	6.0	704
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134	A resource-based conceptual model of plant diversity that reassesses causality in the productivity-diversity relationship. <i>Global Ecology and Biogeography</i> , 2006, 15, 213-224.	2.7	40
135	Using Satellite Remote Sensing to Assess and Monitor Ecosystem Integrity and Climate Change in Canada's National Parks. , 2006, , .		3
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137	Biogeographic Affinity Helps Explain Productivity-Richness Relationships at Regional and Local Scales. <i>American Naturalist</i> , 2007, 170, S5-S15.	1.0	87
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147	The relative influence of climate, environmental heterogeneity, and human population on the distribution of vertebrate species richness in south-eastern Spain. <i>Acta Oecologica</i> , 2007, 32, 50-58.	0.5	44
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149	The recovery of ant communities in regenerating temperate conifer forests. <i>Forest Ecology and Management</i> , 2007, 242, 619-624.	1.4	36
150	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.	1.2	271
151	Climate, Niche Conservatism, and the Global Bird Diversity Gradient. <i>American Naturalist</i> , 2007, 170, S16-S27.	1.0	226
152	Species Richness and Evolutionary Niche Dynamics: A Spatial Patternâ€“Oriented Simulation Experiment. <i>American Naturalist</i> , 2007, 170, 602-616.	1.0	147
153	History and Diversity: Explorations at the Intersection of Ecology and Evolution. <i>American Naturalist</i> , 2007, 170, S56-S70.	1.0	163
154	EFFECTS OF REGIONAL VS. ECOLOGICAL FACTORS ON PLANT SPECIES RICHNESS: AN INTERCONTINENTAL ANALYSIS. <i>Ecology</i> , 2007, 88, 1440-1453.	1.5	40
155	Range maps and species richness patterns: errors of commission and estimates of uncertainty. <i>Ecography</i> , 2007, 30, 649-662.	2.1	22
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157	DIRECT AND INDIRECT EFFECTS OF CLIMATE AND HABITAT FACTORS ON BUTTERFLY DIVERSITY. <i>Ecology</i> , 2007, 88, 605-611.	1.5	356
158	A GLOBAL EVALUATION OF METABOLIC THEORY AS AN EXPLANATION FOR TERRESTRIAL SPECIES RICHNESS GRADIENTS. <i>Ecology</i> , 2007, 88, 1877-1888.	1.5	139
159	Biogeography and macroecology: now a significant component of physical geography. <i>Progress in Physical Geography</i> , 2007, 31, 643-657.	1.4	11
160	Topography, energy and the global distribution of bird species richness. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2007, 274, 1189-1197.	1.2	216
161	Species richness, hotspots, and the scale dependence of range maps in ecology and conservation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 13384-13389.	3.3	551
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458	<i>Habitat loss, climate change, and emerging conservation challenges in Canada</i> ¹ <i>et al.</i> This review is part of the virtual symposium "Flagship Species" "Flagship Problems" that deals with ecology, biodiversity and management issues, and climate impacts on species at risk and of Canadian importance, including the polar bear (<i>Ursus maritimus</i>), Atlantic cod (<i>Gadus morhua</i>), Piping Plover (<i>Charadrius melodus</i>), and caribou (<i>Rangifer tarandus</i>). <i>Canadian Journal of Zoology</i> , 2011, 89, 435-451.	0.4	34
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966	Environmental heterogeneity predicts species richness of freshwater mollusks in sub-Saharan Africa. <i>International Journal of Earth Sciences</i> , 2016, 105, 1795-1810.	0.9	11
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983	The impact of land use and climate on tabanid assemblages in Europe. <i>Agriculture, Ecosystems and Environment</i> , 2017, 239, 112-118.	2.5	6
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999	Water Stress Affects Development Time but Not Takeoff Performance in the Butterfly <i>Pararge aegeria</i> . <i>Physiological and Biochemical Zoology</i> , 2017, 90, 54-62.	0.6	5
1000	Measures of biologically relevant environmental heterogeneity improve prediction of regional plant species richness. <i>Journal of Biogeography</i> , 2017, 44, 579-591.	1.4	29
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1020	The Eurasian hot nightlife: Environmental forces associated with nocturnality in lizards. <i>Global Ecology and Biogeography</i> , 2017, 26, 1316-1325.	2.7	22
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1022	Varying congruence among spatial patterns of vascular plants and vertebrates based on habitat groups. <i>Ecology and Evolution</i> , 2017, 7, 8829-8840.	0.8	3
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1025	Avian SDMs: current state, challenges, and opportunities. <i>Journal of Avian Biology</i> , 2017, 48, 1483-1504.	0.6	79
1026	Determinants of native and non-native plant community structure on an oceanic island. <i>Ecosphere</i> , 2017, 8, e01927.	1.0	16
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1029	Consistent role of Quaternary climate change in shaping current plant functional diversity patterns across European plant orders. <i>Scientific Reports</i> , 2017, 7, 42988.	1.6	42
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1031	Biotic interchange has structured Western Hemisphere mammal communities. <i>Global Ecology and Biogeography</i> , 2017, 26, 1408-1422.	2.7	9
1032	Energy determines broad pattern of plant distribution in Western Himalaya. <i>Ecology and Evolution</i> , 2017, 7, 10850-10860.	0.8	32
1033	Unravelling direct and indirect effects of hierarchical factors driving microbial stream communities. <i>Journal of Biogeography</i> , 2017, 44, 2376-2385.	1.4	21
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1037	Geographical diversification and the effect of model and data inadequacies: the bat diversity gradient as a case study. <i>Biological Journal of the Linnean Society</i> , 2017, 121, 894-906.	0.7	15
1038	Peninsula effect and species richness gradient in terrestrial mammals on the Korean Peninsula and other peninsulas. <i>Mammal Review</i> , 2017, 47, 266-276.	2.2	5
1039	The arrow points north – endemic areas and post-Devensian assembly of the British Empidoidea fauna (Insecta: Diptera). <i>Biological Journal of the Linnean Society</i> , 2017, 120, 852-868.	0.7	2
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1044	Agriculture rivals biomes in predicting global species richness. <i>Ecography</i> , 2017, 40, 1118-1128.	2.1	16
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1047	Macroecology of parental care in arthropods: higher mortality risk leads to higher benefits of offspring protection in tropical climates. <i>Biological Reviews</i> , 2017, 92, 1688-1701.	4.7	19
1048	Influences of interpolation of species ranges on elevational species richness gradients. <i>Ecography</i> , 2017, 40, 1231-1241.	2.1	6
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1051	A comparison of hull methods for estimating species ranges and richness maps. <i>Plant Ecology and Diversity</i> , 2017, 10, 389-401.	1.0	34
1052	Environmental factors related to biogeographical transition zones of areas of endemism of Neotropical mammals. <i>Australian Systematic Botany</i> , 2017, 30, 485.	0.3	5

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1054	A Multicriteria Analysis for Prioritizing Areas for Conservation of Oaks (<i>Fagaceae: Quercus</i>) in Oaxaca, Southern Mexico. <i>Tropical Conservation Science</i> , 2017, 10, 194008291771422.	0.6	9
1055	Diversity in Ecological and Social Contexts. , 0, , 182-239.		0
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1059	The Brazilian freshwater wetlandscape: Changes in tree community diversity and composition on climatic and geographic gradients. <i>PLoS ONE</i> , 2017, 12, e0175003.	1.1	30
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1061	Global elevational diversity and diversification of birds. <i>Nature</i> , 2018, 555, 246-250.	13.7	264
1062	Pyrodiversity interacts with rainfall to increase bird and mammal richness in African savannas. <i>Ecology Letters</i> , 2018, 21, 557-567.	3.0	55
1063	Avian species-area relationships indicate that towns are not different from natural areas. <i>Environmental Conservation</i> , 2018, 45, 419-424.	0.7	6
1064	Niche packing and expansion account for species richness-productivity relationships in global bird assemblages. <i>Global Ecology and Biogeography</i> , 2018, 27, 604-615.	2.7	47
1065	Linking species richness and size diversity in birds and fishes. <i>Ecography</i> , 2018, 41, 1979-1991.	2.1	3
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1067	Plant diversity enhances productivity and soil carbon storage. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 4027-4032.	3.3	368
1068	Biogeographical structure and endemism pattern in reptiles of the Western Palearctic. <i>Progress in Physical Geography</i> , 2018, 42, 220-236.	1.4	22
1069	Phylogenetic uniqueness, not latitude, explains the diversity of avian blood parasite communities worldwide. <i>Global Ecology and Biogeography</i> , 2018, 27, 744-755.	2.7	42
1070	Macrorefugia for North American trees and songbirds: Climatic limiting factors and multi-scale topographic influences. <i>Global Ecology and Biogeography</i> , 2018, 27, 690-703.	2.7	43

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1072	Higher precipitation strengthens the microbial interactions in semi-arid grassland soils. <i>Global Ecology and Biogeography</i> , 2018, 27, 570-580.	2.7	151
1073	Environmental drivers of ant species richness and composition across the Argentine Pampas grassland. <i>Austral Ecology</i> , 2018, 43, 424-434.	0.7	14
1074	Small variations in climate and soil conditions may have greater influence on multitaxon species occurrences than past and present human activities in temperate mountain forests. <i>Diversity and Distributions</i> , 2018, 24, 579-592.	1.9	11
1075	Climatic and evolutionary factors shaping geographical gradients of species richness in <i>Anolis</i> lizards. <i>Biological Journal of the Linnean Society</i> , 2018, 123, 615-627.	0.7	16
1076	A metabolic syndrome in terrestrial ectotherms with different elevational and distribution patterns. <i>Ecography</i> , 2018, 41, 1728-1739.	2.1	18
1077	Among-species overlap in rodent body size distributions predicts species richness along a temperature gradient. <i>Ecography</i> , 2018, 41, 1718-1727.	2.1	25
1078	Geographic variation in the relationship between large-scale environmental determinants and bat species richness. <i>Basic and Applied Ecology</i> , 2018, 27, 1-8.	1.2	17
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1081	Are global hotspots of endemic richness shaped by plate tectonics?. <i>Biological Journal of the Linnean Society</i> , 2018, 123, 247-261.	0.7	41
1082	Abiotic and biotic influences on home-range size of wild pigs (<i>Sus scrofa</i>). <i>Journal of Mammalogy</i> , 2018, 99, 97-107.	0.6	25
1083	Improving the use of environmental diversity as a surrogate for species representation. <i>Ecology and Evolution</i> , 2018, 8, 852-858.	0.8	9
1084	Climatic and trophic processes drive long-term changes in functional diversity of freshwater invertebrate communities. <i>Ecography</i> , 2018, 41, 209-218.	2.1	20
1085	Toward a theory for diversity gradients: the abundance-adaptation hypothesis. <i>Ecography</i> , 2018, 41, 255-264.	2.1	36
1086	Evolutionary processes, dispersal limitation and climatic history shape current diversity patterns of European dragonflies. <i>Ecography</i> , 2018, 41, 795-804.	2.1	32
1087	Neotropical savanna ants show a reversed latitudinal gradient of species richness, with climatic drivers reflecting the forest origin of the fauna. <i>Journal of Biogeography</i> , 2018, 45, 248-258.	1.4	67
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1090	Multi-trophic guilds respond differently to changing elevation in a subtropical forest. <i>Ecography</i> , 2018, 41, 1013-1023.	2.1	17
1091	Paleodietary change and its implications for aridity indices derived from $\delta^{18}O$ of herbivore tooth enamel. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2018, 490, 571-578.	1.0	37
1092	Explaining global variation in the latitudinal diversity gradient: Meta-analysis confirms known patterns and uncovers new ones. <i>Global Ecology and Biogeography</i> , 2018, 27, 125-141.	2.7	108
1093	Seed dispersal networks respond differently to resource effects in open and forest habitats. <i>Oikos</i> , 2018, 127, 847-854.	1.2	11
1094	Climatic suitability, isolation by distance and river resistance explain genetic variation in a Brazilian whiptail lizard. <i>Heredity</i> , 2018, 120, 251-265.	1.2	39
1095	Mean family age of angiosperm tree communities and its climatic correlates along elevational and latitudinal gradients in eastern North America. <i>Journal of Biogeography</i> , 2018, 45, 259-268.	1.4	12
1096	Niche modelling of marsh plants based on occurrence and abundance data. <i>Science of the Total Environment</i> , 2018, 616-617, 198-207.	3.9	35
1097	Spatial and environmental variation in phyllostomid bat (Chiroptera, Phyllostomidae) distribution in Mexico. <i>Animal Biodiversity and Conservation</i> , 2018, 41, 141-159.	0.3	2
1098	Are Food and Habitat Resources Key Factors Determining Bird Species Richness at Broad Landscape-Scale in the Mainland of China?. <i>Russian Journal of Ecology</i> , 2018, 49, 563-569.	0.3	1
1099	Spatial conservation prioritization for the East Asian islands: A balanced representation of multitaxon biogeography in a protected area network. <i>Diversity and Distributions</i> , 2019, 25, 414-429.	1.9	26
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1101	Contributions of precipitation and temperature to the large scale geographic distribution of fleshy-fruited plant species: Growth form matters. <i>Scientific Reports</i> , 2018, 8, 17017.	1.6	27
1102	Phylogenetic diversity and conservation of rainforests in the Sunshine Coast region, Queensland, Australia. <i>Australian Journal of Botany</i> , 2018, 66, 518.	0.3	2
1103	Co-occurring morphologically distinct algae support a diverse associated fauna in the intertidal zone of Araçá Bay, Brazil. <i>Biota Neotropica</i> , 2018, 18, .	0.2	9
1104	Functional and phylogenetic diversity of bird assemblages are filtered by different biotic factors on tropical mountains. <i>Journal of Biogeography</i> , 2019, 46, 291-303.	1.4	56
1105	Direct and indirect effects of climate on richness drive the latitudinal diversity gradient in forest trees. <i>Ecology Letters</i> , 2019, 22, 245-255.	3.0	92
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1108	Species richness, phylogenetic and functional structure of bird communities in Chinese university campuses are associated with divergent variables. <i>Urban Ecosystems</i> , 2018, 21, 1213-1225.	1.1	17
1109	Geological and climatic influences on mountain biodiversity. <i>Nature Geoscience</i> , 2018, 11, 718-725.	5.4	390
1110	Response of Deep-Sea Benthic Foraminifera to Paleoproductivity Changes on the Shatsky Rise in the Northwestern Pacific Ocean Over the Last 187 Kyr. <i>Paleontological Research</i> , 2018, 22, 326-351.	0.5	5
1111	A multiple hypothesis approach to explain species richness patterns in neotropical stream-dweller fish communities. <i>PLoS ONE</i> , 2018, 13, e0204114.	1.1	11
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1113	Geography of Plants in the New World: Humboldt's Relevance in the Age of Big Data. <i>Annals of the Missouri Botanical Garden</i> , 2018, 103, 315-329.	1.3	8
1114	Incomplete species lists derived from global and regional specimen record databases affect macroecological analyses: A case study on the vascular plants of China. <i>Journal of Biogeography</i> , 2018, 45, 2718-2729.	1.4	29
1115	Unintentional rewilding: lessons for trophic rewilding from other forms of species introductions. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2018, 373, 20170445.	1.8	9
1116	Disentangling direct and indirect effects of water availability, vegetation, and topography on avian diversity. <i>Scientific Reports</i> , 2018, 8, 15475.	1.6	13
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1118	Small mammal species richness is directly linked to regional productivity, but decoupled from food resources, abundance, or habitat complexity. <i>Journal of Biogeography</i> , 2018, 45, 2533-2545.	1.4	33
1119	Habitat is more important than climate and animal richness at shaping latitudinal variation in plant diversity in China. <i>Biodiversity and Conservation</i> , 2018, 27, 3679-3691.	1.2	5
1120	Local-scale elevation patterns of Atlantic Forest tree community variation and assembly drivers in a conservation hotspot in southeastern Brazil. <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 2018, 248, 61-69.	0.6	7
1121	Using remote sensing to assess the impact of beaver damming on riparian evapotranspiration in an arid landscape. <i>Ecohydrology</i> , 2018, 11, e1993.	1.1	29
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1123	Patterns of species richness hotspots and estimates of their protection are sensitive to spatial resolution. <i>Diversity and Distributions</i> , 2018, 24, 1464-1477.	1.9	31
1124	Global species richness of hydrobiid snails determined by climate and evolutionary history. <i>Freshwater Biology</i> , 2018, 63, 1225-1239.	1.2	17

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1126	Modeling the ecology and evolution of biodiversity: Biogeographical cradles, museums, and graves. <i>Science</i> , 2018, 361, .	6.0	260
1127	Inferring diversity patterns along an elevation gradient from stacked SDMs: A case study on Mesoamerican ferns. <i>Global Ecology and Conservation</i> , 2018, 16, e00433.	1.0	14
1128	Plant and animal functional diversity drive mutualistic network assembly across an elevational gradient. <i>Nature Communications</i> , 2018, 9, 3177.	5.8	63
1129	Environmental prevalence and the distribution of species richness across climatic niche space. <i>Journal of Biogeography</i> , 2018, 45, 2348-2360.	1.4	7
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1132	Processes structuring amphibian assemblages along a subtropical arid gradient. <i>Acta Oecologica</i> , 2018, 91, 43-49.	0.5	3
1133	From the High Arctic to the Equator: Do Soil Metagenomes Differ According to Our Expectations?. <i>Microbial Ecology</i> , 2019, 77, 168-185.	1.4	8
1134	Latitudinal diversity gradients can be shaped by biotic processes: new insights from an eco-evolutionary model. <i>Ecography</i> , 2019, 42, 259-271.	2.1	8
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1137	Effects of neutrality and productivity on mammal richness and evolutionary history in Australia. <i>Ecography</i> , 2019, 42, 478-487.	2.1	9
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1139	The carrying capacity for species richness. <i>Global Ecology and Biogeography</i> , 2019, 28, 1519-1532.	2.7	43
1140	Primary productivity and habitat protection predict elevational species richness and community biomass of large mammals on Mt. Kilimanjaro. <i>Journal of Animal Ecology</i> , 2019, 88, 1860-1872.	1.3	16
1141	Ant diversity patterns across tropical elevation gradients: effects of sampling method and subcommunity. <i>Ecosphere</i> , 2019, 10, e02798.	1.0	7
1142	Distribution and relative age of endemism across islands worldwide. <i>Scientific Reports</i> , 2019, 9, 11693.	1.6	36

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1146	Fire as a key driver of Earth's biodiversity. <i>Biological Reviews</i> , 2019, 94, 1983-2010.	4.7	263
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1148	Detrital traits affect substitutability of a range-expanding foundation species across latitude. <i>Oikos</i> , 2019, 128, 1367-1380.	1.2	8
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1150	Untangling multiple species richness hypothesis globally using remote sensing habitat indices. <i>Ecological Indicators</i> , 2019, 107, 105567.	2.6	10
1151	Specialization and niche overlap across spatial scales: Revealing ecological factors shaping species richness and coexistence in Australian songbirds. <i>Journal of Animal Ecology</i> , 2019, 88, 1766-1776.	1.3	7
1152	Diversidad de comunidades de palmas en el Chocó biogeográfico y su relación con la precipitación. <i>Caldasia</i> , 2019, 41, 358-369.	0.1	4
1153	Effects of current climate, paleo-climate, and habitat heterogeneity in determining biogeographical patterns of evergreen broad-leaved woody plants in China. <i>Journal of Chinese Geography</i> , 2019, 29, 1142-1158.	1.5	15
1154	Untangling direct species associations from indirect mediator species effects with graphical models. <i>Methods in Ecology and Evolution</i> , 2019, 10, 1571-1583.	2.2	57
1155	The legacy of past human land use in current patterns of mammal distribution. <i>Ecography</i> , 2019, 42, 1623-1635.	2.1	20
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1157	Drivers of the relative richness of naturalized and invasive plant species on Earth. <i>AoB PLANTS</i> , 2019, 11, plz051.	1.2	72
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1163	Testing biodiversity theory using species richness of reef-building corals across a depth gradient. <i>Biology Letters</i> , 2019, 15, 20190493.	1.0	7
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1166	Fine-Scale Plant Richness Mapping of the Andean Páramo According to Macroclimate. <i>Frontiers in Ecology and Evolution</i> , 2019, 7, .	1.1	12
1167	Phenological modularity in amphibian calling behaviour: Geographic trends and local determinants. <i>Austral Ecology</i> , 2019, 44, 1451-1462.	0.7	4
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1169	Factors determining species richness patterns of breeding birds along an elevational gradient in the Horn of Africa region. <i>Ecology and Evolution</i> , 2019, 9, 9609-9623.	0.8	9
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1171	Towards an understanding of the drivers of broad-scale patterns of rarity-weighted richness for vertebrates. <i>Biodiversity and Conservation</i> , 2019, 28, 3733-3747.	1.2	4
1172	Predictive Modeling of Suitable Habitats for <i>Cinnamomum Camphora</i> (L.) Presl Using Maxent Model under Climate Change in China. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 3185.	1.2	23
1173	Humboldt's enigma: What causes global patterns of mountain biodiversity?. <i>Science</i> , 2019, 365, 1108-1113.	6.0	505
1174	The relative influence of abiotic and biotic factors on suitable habitat of Old World fruit bats under current and future climate scenarios. <i>Mammalian Biology</i> , 2019, 98, 188-200.	0.8	16
1175	The local environment regulates biogeographic patterns of soil fungal communities on the Loess Plateau. <i>Catena</i> , 2019, 183, 104220.	2.2	28
1176	Patterns of modern pollen and plant richness across northern Europe. <i>Journal of Ecology</i> , 2019, 107, 1662-1677.	1.9	40
1177	Systematic variation in North American tree species abundance distributions along macroecological climatic gradients. <i>Global Ecology and Biogeography</i> , 2019, 28, 601-611.	2.7	10
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1180	Mammalian faunas, ecological indices, and machine-learning regression for the purpose of paleoenvironment reconstruction in the Miocene of South America. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2019, 518, 155-171.	1.0	17
1181	Gradients of mammalian biodiversity through space and time. <i>Journal of Mammalogy</i> , 2019, 100, 1069-1086.	0.6	18
1182	Precipitation and tree cover gradients structure avian alpha diversity in North-western Costa Rica. <i>Diversity and Distributions</i> , 2019, 25, 1222-1233.	1.9	6
1183	Maxent modeling for predicting the spatial distribution of three raptors in the Sanjiangyuan National Park, China. <i>Ecology and Evolution</i> , 2019, 9, 6643-6654.	0.8	88
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1185	Scavenging in the Anthropocene: Human impact drives vertebrate scavenger species richness at a global scale. <i>Global Change Biology</i> , 2019, 25, 3005-3017.	4.2	68
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1187	Will life find a way out? Evolutionary rescue and Darwinian adaptation to climate change. <i>Perspectives in Ecology and Conservation</i> , 2019, 17, 117-121.	1.0	12
1188	Classification and ordination of the main plant communities of the Eastern Hajar Mountains, Oman. <i>Journal of Arid Environments</i> , 2019, 169, 1-18.	1.2	5
1189	Global community breaks at 60 m on mesophotic coral reefs. <i>Global Ecology and Biogeography</i> , 2019, 28, 1403-1416.	2.7	52
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1192	Alpha diversity of vascular plants in European forests. <i>Journal of Biogeography</i> , 2019, 46, 1919-1935.	1.4	52
1193	Biogeographic freshwater fish pattern legacy revealed despite rapid socioeconomic changes in China. <i>Fish and Fisheries</i> , 2019, 20, 857-869.	2.7	19
1194	Latitudinal effects of anthropogenic factors driving raptor species richness across the American continent. <i>Journal of Biogeography</i> , 2019, 46, 1948-1958.	1.4	7
1195	Using water and energy variation to explain the botanical richness pattern of Theaceae species in southern China. <i>Acta Ecologica Sinica</i> , 2019, 39, 467-472.	0.9	6
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1198	Altitude effects on spatial components of vascular plant diversity in a subarctic mountain tundra. <i>Ecology and Evolution</i> , 2019, 9, 4783-4795.	0.8	25
1199	Similar responses of native and alien floras in European cities to climate. <i>Journal of Biogeography</i> , 2019, 46, 1406-1418.	1.4	10
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1201	Spatial Patterns and Determinants of the Diversity of Hemipteran Insects in the Qinghai-Tibetan Plateau. <i>Frontiers in Ecology and Evolution</i> , 2019, 7, .	1.1	16
1202	Climate, human disturbance and geometric constraints drive the elevational richness pattern of birds in a biodiversity hotspot in southwest China. <i>Global Ecology and Conservation</i> , 2019, 18, e00630.	1.0	16
1203	Amphibian community structure along elevation gradients in eastern Nepal Himalaya. <i>BMC Ecology</i> , 2019, 19, 19.	3.0	31
1204	Influence of monsoonal water-energy dynamics on terrestrial mollusk species-diversity gradients in northern China. <i>Science of the Total Environment</i> , 2019, 676, 206-214.	3.9	14
1205	Drivers of tropical rainforest composition and alpha diversity patterns over a 2,520 m altitudinal gradient. <i>Ecology and Evolution</i> , 2019, 9, 5720-5730.	0.8	17
1206	Contrasting impacts of precipitation on Mediterranean birds and butterflies. <i>Scientific Reports</i> , 2019, 9, 5680.	1.6	30
1207	A consistent species richness-climate relationship for oaks across the Northern Hemisphere. <i>Global Ecology and Biogeography</i> , 2019, 28, 1051-1066.	2.7	43
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1212	Latitude-independent, continent-wide consistency in climate-richness relationships in Asian ferns and lycophytes. <i>Journal of Biogeography</i> , 2019, 46, 981-991.	1.4	29
1213	Principal factors controlling biodiversity along an elevation gradient: Water, energy and their interaction. <i>Journal of Biogeography</i> , 2019, 46, 1652-1663.	1.4	47
1214	Use and categorization of Light Detection and Ranging vegetation metrics in avian diversity and species distribution research. <i>Diversity and Distributions</i> , 2019, 25, 1045-1059.	1.9	52

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1217	Functional biogeography of dietary strategies in birds. <i>Global Ecology and Biogeography</i> , 2019, 28, 1004-1017.	2.7	16
1218	Could Hair-Lichens of High-Elevation Forests Help Detect the Impact of Global Change in the Alps?. <i>Diversity</i> , 2019, 11, 45.	0.7	12
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1220	Linking species functional traits of terrestrial vertebrates and environmental filters: A case study in temperate mountain systems. <i>PLoS ONE</i> , 2019, 14, e0211760.	1.1	13
1221	Latitudinal gradients of parasite richness: a review and new insights from helminths of cricetid rodents. <i>Ecography</i> , 2019, 42, 1315-1330.	2.1	35
1222	Human activities influence the occupancy probability of mammalian carnivores in the Brazilian Caatinga. <i>Biotropica</i> , 2019, 51, 253-265.	0.8	39
1223	The resolutionâ€dependent role of landscape attributes in shaping macroâ€scale biodiversity patterns. <i>Global Ecology and Biogeography</i> , 2019, 28, 767-778.	2.7	6
1224	On the use of observational data in studying biodiversity-productivity relationships in forests. <i>Forestry Chronicle</i> , 2019, 95, 24-28.	0.5	1
1225	Patterns and drivers of species richness and turnover of neo-endemic and palaeo-endemic vascular plants in a Mediterranean hotspot: the case of Crete, Greece. <i>Journal of Biological Research</i> , 2019, 26, 12.	2.2	22
1226	Critical shifts on spatial traits and the risk of extinction of Andean anurans: an assessment of the combined effects of climate and land-use change in Colombia. <i>Perspectives in Ecology and Conservation</i> , 2019, 17, 206-219.	1.0	14
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1228	The mismatch in distributions of vertebrates and the plants that they disperse. <i>Ecography</i> , 2019, 42, 621-631.	2.1	4
1229	Correlation of native and exotic species richness: a global metaâ€analysis finds no invasion paradox across scales. <i>Ecology</i> , 2019, 100, e02552.	1.5	82
1230	Evolutionary constraints on species diversity in marine bacterioplankton communities. <i>ISME Journal</i> , 2019, 13, 1032-1041.	4.4	11
1231	The origins and maintenance of global species endemism. <i>Global Ecology and Biogeography</i> , 2019, 28, 170-183.	2.7	20
1232	Input matters matter: Bioclimatic consistency to map more reliable species distribution models. <i>Methods in Ecology and Evolution</i> , 2019, 10, 212-224.	2.2	32

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1234	Habitat restoration opportunities, climatic niche contraction, and conservation biogeography in California's San Joaquin Desert. <i>PLoS ONE</i> , 2019, 14, e0210766.	1.1	15
1235	The Dynamic Habitat Indices (DHIs) from MODIS and global biodiversity. <i>Remote Sensing of Environment</i> , 2019, 222, 204-214.	4.6	81
1236	Treeline composition and biodiversity change on the southeastern Tibetan Plateau during the past millennium, inferred from a high-resolution alpine pollen record. <i>Quaternary Science Reviews</i> , 2019, 206, 44-55.	1.4	24
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1239	Drivers of regional and local diversity of Amazonian stream Odonata. <i>Insect Conservation and Diversity</i> , 2019, 12, 251-261.	1.4	17
1240	Latitude and live coral cover independently affect Chaetodontid and Pomacanthid fish community distribution in the Andaman and Nicobar archipelago, India. <i>Marine Biodiversity</i> , 2019, 49, 235-245.	0.3	1
1241	Threats and Conservation Strategies for Overlooked Organisms: The Case of Epiphytic Lichens. , 2020, , 1-26.		2
1242	A simple method for assessing the completeness of a geographic range size estimate. <i>Global Ecology and Conservation</i> , 2020, 21, e00788.	1.0	7
1243	Agriculture erases climate constraints on soil nematode communities across large spatial scales. <i>Global Change Biology</i> , 2020, 26, 919-930.	4.2	49
1244	Biodiversity associations of soil fauna and plants depend on plant life form and are accounted for by rare taxa along an elevational gradient. <i>Soil Biology and Biochemistry</i> , 2020, 140, 107640.	4.2	8
1245	Current climate, isolation and history drive global patterns of tree phylogenetic endemism. <i>Global Ecology and Biogeography</i> , 2020, 29, 4-15.	2.7	43
1246	The diverse nature of island isolation and its effect on land bridge insular faunas. <i>Global Ecology and Biogeography</i> , 2020, 29, 262-280.	2.7	18
1247	A comparison of macroecological and stacked species distribution models to predict future global terrestrial vertebrate richness. <i>Journal of Biogeography</i> , 2020, 47, 114-129.	1.4	32
1248	Ant diversity in Neotropical savannas: Hierarchical processes acting at multiple spatial scales. <i>Journal of Animal Ecology</i> , 2020, 89, 412-422.	1.3	2
1249	Unveiling geographical gradients of species richness from scant occurrence data. <i>Global Ecology and Biogeography</i> , 2020, 29, 748-759.	2.7	5
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1252	The potential role of species and functional composition in generating historical constraints on ecosystem processes. <i>Global Ecology and Biogeography</i> , 2020, 29, 207-219.	2.7	8
1253	Geographical patterns and environmental drivers of functional diversity and trait space of amphibians of Europe. <i>Ecological Research</i> , 2020, 35, 123-138.	0.7	7
1254	Ecological similarity explains species abundance distribution of small mammal communities. <i>Acta Oecologica</i> , 2020, 102, 103502.	0.5	6
1255	Small mammal assemblage composition and habitat associations across an elevational gradient in southern California. <i>Journal of Mammalogy</i> , 2020, 101, 92-106.	0.6	1
1256	Species interactions and climate change: How the disruption of species co-occurrence will impact on an avian forest guild. <i>Global Change Biology</i> , 2020, 26, 1212-1224.	4.2	34
1257	Landsat 8 TIRS-derived relative temperature and thermal heterogeneity predict winter bird species richness patterns across the conterminous United States. <i>Remote Sensing of Environment</i> , 2020, 236, 111514.	4.6	19
1258	Impacts of climatic and edaphic factors on the diversity, structure and biomass of species-poor and structurally-complex forests. <i>Science of the Total Environment</i> , 2020, 706, 135719.	3.9	26
1259	Rapid recovery of the beetle richness-elevation relationship and its environmental correlates after a major volcanic event in northwestern Patagonia, Argentina. <i>Insect Conservation and Diversity</i> , 2020, 13, 404-418.	1.4	3
1260	Using completeness and defaunation indices to understand nature reserve's key attributes in preserving medium- and large-bodied mammals. <i>Biological Conservation</i> , 2020, 241, 108273.	1.9	13
1261	The mechanisms explaining tree species richness and composition are convergent in a megadiverse hotspot. <i>Biodiversity and Conservation</i> , 2020, 29, 799-815.	1.2	5
1262	Direct and indirect effects of elevation, climate and vegetation structure on bird communities on a tropical mountain. <i>Acta Oecologica</i> , 2020, 102, 103500.	0.5	21
1263	Potential distribution patterns of scorpions in north-eastern Brazil under scenarios of future climate change. <i>Austral Ecology</i> , 2020, 45, 215-228.	0.7	19
1264	A continental measure of urbanness predicts avian response to local urbanization. <i>Ecography</i> , 2020, 43, 528-538.	2.1	19
1265	Lake productivity and waterbird functional diversity across geographic and environmental gradients in temperate China. <i>Ecology and Evolution</i> , 2020, 10, 11237-11250.	0.8	4
1266	Species richness patterns of vascular plants and their drivers along an elevational gradient in the central Himalayas. <i>Global Ecology and Conservation</i> , 2020, 24, e01279.	1.0	17
1267	How Lithology Impacts Global Topography, Vegetation, and Animal Biodiversity: A Global-Scale Analysis of Mountainous Regions. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL088649.	1.5	26
1268	Ground-dwelling mammal diversity responds positively to productivity and habitat heterogeneity in a fire-prone region. <i>Ecosphere</i> , 2020, 11, e03248.	1.0	6

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1270	Current climate, but also long-term climate changes and human impacts, determine the geographic distribution of European mammal diversity. <i>Global Ecology and Biogeography</i> , 2020, 29, 1758-1769.	2.7	21
1271	Toward an understanding of broad-scale patterns of the habitat suitability of fountain grass (<i>Cenchrus setaceus</i> (Forssk.) Morrone, Poaceae). <i>Plant Ecology</i> , 2020, 221, 1029-1043.	0.7	4
1272	Determinants of Delphacidae richness and endemism in China. <i>Ecological Entomology</i> , 2020, 45, 1396-1407.	1.1	10
1273	Testing the diversity-biomass relationship in riverine fish communities. <i>Global Ecology and Biogeography</i> , 2020, 29, 1743-1757.	2.7	8
1274	Energy-water and seasonal variations in climate underlie the spatial distribution patterns of gymnosperm species richness in China. <i>Ecology and Evolution</i> , 2020, 10, 9474-9485.	0.8	12
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1277	A cross-scale assessment of productivity-diversity relationships. <i>Global Ecology and Biogeography</i> , 2020, 29, 1940-1955.	2.7	35
1278	Water deprivation drives intraspecific variability in lizard heat tolerance. <i>Basic and Applied Ecology</i> , 2020, 48, 37-51.	1.2	6
1279	Applicability of biodiversity databases to regional conservation planning in the tropics: A case study evaluation of the effect of environmental bias on the performance of predictive models of species richness. <i>Acta Oecologica</i> , 2020, 109, 103653.	0.5	0
1280	The influence of climate variability on demographic rates of avian Afro-paleartic migrants. <i>Scientific Reports</i> , 2020, 10, 17592.	1.6	11
1281	Are species lists derived from modeled species range maps appropriate for macroecological studies? A case study on data from BIEN. <i>Basic and Applied Ecology</i> , 2020, 48, 146-156.	1.2	2
1282	Phylogenomics, biogeography, and evolution of the blue- or white-fruited dogwoods (<i>Cornus</i>)—insights into morphological and ecological niche divergence following intercontinental geographic isolation. <i>Journal of Systematics and Evolution</i> , 2020, 58, 604-645.	1.6	15
1283	The geography of high-priority conservation areas for marine mammals. <i>Global Ecology and Biogeography</i> , 2020, 29, 2097-2106.	2.7	3
1284	Latitudinal variation in climate-associated genes imperils range edge populations. <i>Molecular Ecology</i> , 2020, 29, 4337-4349.	2.0	12
1285	Machine learning approaches identify male body size as the most accurate predictor of species richness. <i>BMC Biology</i> , 2020, 18, 105.	1.7	4
1286	Geographic patterns and environmental correlates of phylogenetic relatedness and diversity for freshwater fish assemblages in North America. <i>Ecography</i> , 2020, 43, 1814-1824.	2.1	18

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1288	Scale-dependent correlates of reptile communities in natural patches within a fragmented agroecosystem. <i>Landscape Ecology</i> , 2020, 35, 2339-2355.	1.9	10
1289	Responses of global waterbird populations to climate change vary with latitude. <i>Nature Climate Change</i> , 2020, 10, 959-964.	8.1	31
1290	Testing Seven Hypotheses to Determine What Explains the Current Planthopper (Fulgoridae) Geographical and Species Richness Patterns in China. <i>Insects</i> , 2020, 11, 892.	1.0	7
1291	Diversity begets diversity in mammal species and human cultures. <i>Scientific Reports</i> , 2020, 10, 19654.	1.6	3
1292	Recent land use and management changes decouple the adaptation of livestock diversity to the environment. <i>Scientific Reports</i> , 2020, 10, 21035.	1.6	10
1293	Projected climate change threatens significant range contraction of <i>Cochemiea halei</i> (Cactaceae), an island endemic, serpentine-adapted plant species at risk of extinction. <i>Ecology and Evolution</i> , 2020, 10, 13211-13224.	0.8	5
1294	Elevation patterns and critical environmental drivers of the taxonomic, functional, and phylogenetic diversity of small mammals in a karst mountain area. <i>Ecology and Evolution</i> , 2020, 10, 10899-10911.	0.8	9
1295	Distribution Pattern of Gymnosperms' Richness in Nepal: Effect of Environmental Constrains along Elevational Gradients. <i>Plants</i> , 2020, 9, 625.	1.6	10
1296	Historical Development of Community Ecology. , 2020, , 3-18.		0
1297	Typical Data Collected by Community Ecologists. , 2020, , 19-29.		0
1298	Typical Statistical Methods Applied by Community Ecologists. , 2020, , 30-38.		0
1299	Single-Species Distribution Modelling. , 2020, , 53-103.		1
1300	Joint Species Distribution Modelling. , 2020, , 104-141.		0
1301	Evaluating Model Fit and Selecting among Multiple Models. , 2020, , 217-252.		0
1303	Linking HMSC Back to Community Assembly Processes. , 2020, , 255-299.		0
1304	Illustration of HMSC Analyses. , 2020, , 300-336.		0
1307	Evaluating Sphagnum traits in the context of resource economics and optimal partitioning theories. <i>Oikos</i> , 2020, 129, 1204-1215.	1.2	7

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1309	Effect of environmental gradients, habitat continuity and spatial structure on vascular plant species richness in semi-natural grasslands. <i>Agriculture, Ecosystems and Environment</i> , 2020, 300, 106974.	2.5	15
1310	Food web properties vary with climate and land use in South African streams. <i>Functional Ecology</i> , 2020, 34, 1653-1665.	1.7	18
1311	Climate mediates continental scale patterns of stream microbial functional diversity. <i>Microbiome</i> , 2020, 8, 92.	4.9	28
1312	Habitat fragmentation and forest management alter woody plant communities in a Central European beech forest landscape. <i>Biodiversity and Conservation</i> , 2020, 29, 2729-2747.	1.2	4
1313	Effects of historical legacies on soil nematode communities are mediated by contemporary environmental conditions. <i>Ecology and Evolution</i> , 2020, 10, 6732-6740.	0.8	5
1314	High plant species richness and stable climate lead to richer but phylogenetically and functionally clustered avifaunas. <i>Journal of Biogeography</i> , 2020, 47, 1945-1954.	1.4	10
1315	Wealth, water and wildlife: Landscape aridity intensifies the urban luxury effect. <i>Global Ecology and Biogeography</i> , 2020, 29, 1595-1605.	2.7	32
1316	The mathematical influence on global patterns of biodiversity. <i>Ecology and Evolution</i> , 2020, 10, 6494-6511.	0.8	12
1317	Butterfly-plant interactions and body size patterns along an elevational gradient in the Manang region of central Nepal. <i>Journal of Mountain Science</i> , 2020, 17, 1115-1127.	0.8	7
1318	A modeling workflow that balances automation and human intervention to inform invasive plant management decisions at multiple spatial scales. <i>PLoS ONE</i> , 2020, 15, e0229253.	1.1	15
1319	Canonical Correspondence Analysis Ordinations and Competitor, Stress Tolerator, and Ruderal Strategies of Coastal Dune Plants in South Korea. <i>Journal of Coastal Research</i> , 2020, 36, 528.	0.1	2
1320	High correlation of species diversity patterns between specialist herbivorous insects and their specific hosts. <i>Journal of Biogeography</i> , 2020, 47, 1232-1245.	1.4	17
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1322	Species richness, range size, and wing development in South American melanopline grasshoppers (Orthoptera, Acrididae). <i>Ecological Entomology</i> , 2020, 45, 840-853.	1.1	3
1323	Soil water availability shapes species richness in mid-latitude shrub steppe plant communities. <i>Journal of Vegetation Science</i> , 2020, 31, 646-657.	1.1	16
1324	Matching expert range maps with species distribution model predictions. <i>Conservation Biology</i> , 2020, 34, 1292-1304.	2.4	22
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1327	Increased Diurnal Activity Is Indicative of Energy Deficit in a Nocturnal Mammal, the Aardvark. <i>Frontiers in Physiology</i> , 2020, 11, 637.	1.3	19
1328	Small mammal species richness and turnover along elevational gradient in Yulong Mountain, Yunnan, Southwest China. <i>Ecology and Evolution</i> , 2020, 10, 2545-2558.	0.8	14
1329	Natural population variability may be masking the more individuals hypothesis. <i>Ecology</i> , 2020, 101, e03035.	1.5	10
1330	Dung beetles response to livestock management in three different regional contexts. <i>Scientific Reports</i> , 2020, 10, 3702.	1.6	11
1331	Complex habitat drives mammal communities in a flammable landscape. <i>Forest Ecology and Management</i> , 2020, 462, 117979.	1.4	9
1332	Responses of plant-pathogen interactions to precipitation: Implications for tropical tree richness in a changing world. <i>Journal of Ecology</i> , 2020, 108, 1800-1809.	1.9	26
1333	Temperature-Dominated Driving Mechanisms of the Plant Diversity in Temperate Forests, Northeast China. <i>Forests</i> , 2020, 11, 227.	0.9	10
1334	A global assessment of the drivers of threatened terrestrial species richness. <i>Nature Communications</i> , 2020, 11, 993.	5.8	47
1335	Vegetation productivity summarized by the Dynamic Habitat Indices explains broad-scale patterns of moose abundance across Russia. <i>Scientific Reports</i> , 2020, 10, 836.	1.6	17
1336	Climate rather than dung resources predict dung beetle abundance and diversity along elevational and land use gradients on Mt. Kilimanjaro. <i>Journal of Biogeography</i> , 2020, 47, 371-381.	1.4	18
1337	Historical environmental stability drives discordant niche filling dynamics across phylogenetic scales. <i>Journal of Biogeography</i> , 2020, 47, 807-816.	1.4	6
1338	Plant community diversity will decline more than increase under climatic warming. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2020, 375, 20190106.	1.8	61
1339	Scaling biodiversity-ecosystem functioning research. <i>Ecology Letters</i> , 2020, 23, 757-776.	3.0	270
1340	Herbivory enhances the effect of environmental variability on plant community composition and beta diversity. <i>Journal of Vegetation Science</i> , 2020, 31, 744-754.	1.1	6
1341	The Dynamics of Bird Diversity in the New World. <i>Systematic Biology</i> , 2020, 69, 1180-1199.	2.7	20
1342	The relationship between biodiversity and wetland cover varies across regions of the conterminous United States. <i>PLoS ONE</i> , 2020, 15, e0232052.	1.1	9
1343	Predicting the current and future suitable habitats of the main dietary plants of the Gobi Bear using MaxEnt modeling. <i>Global Ecology and Conservation</i> , 2020, 22, e01032.	1.0	23

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1345	Machine learning predicts large scale declines in native plant phylogenetic diversity. <i>New Phytologist</i> , 2020, 227, 1544-1556.	3.5	19
1346	Phylogenetic conservatism and biogeographic affinity influence woody plant species richness—climate relationships in eastern Eurasia. <i>Ecography</i> , 2020, 43, 1027-1040.	2.1	13
1347	Angiosperm endemism in a Brazilian Atlantic Forest biodiversity hot-point. <i>Revista Brasileira De Botanica</i> , 2020, 43, 397-404.	0.5	6
1348	The relationship between elevation and seed-plant species richness in the Mt. Namjagbarwa region (Eastern Himalayas) and its underlying determinants. <i>Global Ecology and Conservation</i> , 2020, 23, e01053.	1.0	21
1349	Plant protection services mediated by extrafloral nectaries decline with aridity but are not influenced by chronic anthropogenic disturbance in Brazilian Caatinga. <i>Journal of Ecology</i> , 2021, 109, 260-272.	1.9	11
1350	Bryophyte diversity is related to vascular plant diversity and microhabitat under disturbance in karst caves. <i>Ecological Indicators</i> , 2021, 120, 106947.	2.6	24
1352	Disentangling native and alien plant diversity in coastal sand dune ecosystems worldwide. <i>Journal of Vegetation Science</i> , 2021, 32, .	1.1	19
1353	Functional erosion and trait loss in fish assemblages from Neotropical reservoirs: The man beyond the environment. <i>Fish and Fisheries</i> , 2021, 22, 377-390.	2.7	15
1354	Do spatial and temporal scales affect the efficiency of surrogates in ant monitoring on the hydroelectric power-plant area in Brazilian Amazon?. <i>Ecological Indicators</i> , 2021, 121, 107158.	2.6	6
1355	Ecological and historical legacies on global diversity gradients in marine elapid snakes. <i>Austral Ecology</i> , 2021, 46, 3-7.	0.7	1
1356	Relative effects of anthropogenic pressures, climate, and sampling design on the structure of pollination networks at the global scale. <i>Global Change Biology</i> , 2021, 27, 1266-1280.	4.2	27
1357	Historical climatic instability predicts the inverse latitudinal pattern in speciation rate of modern mammalian biota. <i>Journal of Evolutionary Biology</i> , 2021, 34, 339-351.	0.8	12
1358	Unveiling the drivers of local dung beetle species richness in the Neotropics. <i>Journal of Biogeography</i> , 2021, 48, 861-871.	1.4	11
1359	Differences in native and introduced chalcid parasitoid communities recruited by the invasive chestnut pest <i>Dryocosmus kuriphilus</i> in two Iberian territories. <i>Bulletin of Entomological Research</i> , 2021, 111, 307-322.	0.5	5
1360	The urban contrast: A nationwide assessment of avian diversity in Mexican cities. <i>Science of the Total Environment</i> , 2021, 753, 141915.	3.9	10
1361	Environmental and technoeconomic aspects of distributed generation. , 2021, , 237-263.		0
1362	Why Does Mediterranean Vegetation Seem So Diverse?. <i>Geobotany Studies</i> , 2021, , 287-313.	0.2	1

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1366	Unraveling the drivers of plant taxonomic and phylogenetic β -diversity in a human-modified tropical dry forest. <i>Biodiversity and Conservation</i> , 2021, 30, 1049-1065.	1.2	11
1367	Climatic aridity increases temporal nestedness of invertebrate communities in naturally drying rivers. <i>Ecography</i> , 2021, 44, 860-869.	2.1	16
1368	Richness patterns of endemic and threatened conifers in south-west China: topographic-soil fertility explanation. <i>Environmental Research Letters</i> , 2021, 16, 034017.	2.2	9
1369	The preservation potential of terrestrial biogeographic patterns. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20202927.	1.2	8
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1371	Extramatrix Mycelium and Ectomycorrhizal Community Composition of <i>Quercus pubescens</i> in a Sub-Mediterranean Stress-Prone Environment. <i>Frontiers in Forests and Global Change</i> , 2021, 4, .	1.0	3
1372	Increased precipitation enhances soil respiration in a semi-arid grassland on the Loess Plateau, China. <i>PeerJ</i> , 2021, 9, e10729.	0.9	7
1373	There is little evidence that spicy food in hot countries is an adaptation to reducing infection risk. <i>Nature Human Behaviour</i> , 2021, 5, 878-891.	6.2	19
1374	Diversity patterns of palms in Mexico using species distribution models. <i>Ecoscience</i> , 2021, 28, 137-147.	0.6	1
1375	Disentangling the role of environment in cross-taxon congruence of species richness along elevational gradients. <i>Scientific Reports</i> , 2021, 11, 4711.	1.6	3
1376	Relating mammal species richness to landscape patterns across multiple spatial scales. <i>Landscape Ecology</i> , 2021, 36, 1003-1022.	1.9	5
1377	Regularities in species niches reveal the world's climate regions. <i>ELife</i> , 2021, 10, .	2.8	9
1379	New light on the baseline importance of temperature for the origin of geographic species richness gradients. <i>Peer Community in Ecology</i> , 0, , .	0.0	0
1380	Vegetation structural complexity and biodiversity in the Great Smoky Mountains. <i>Ecosphere</i> , 2021, 12, e03390.	1.0	21
1381	Mountains act as museums and cradles for hemipteran insects in China: Evidence from patterns of richness and phylogenetic structure. <i>Global Ecology and Biogeography</i> , 2021, 30, 1070-1085.	2.7	22
1383	Understanding patterns and potential drivers of forest diversity in northeastern China using machine learning algorithms. <i>Journal of Vegetation Science</i> , 2021, 32, e13022.	1.1	7

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1385	What is the role of topographic heterogeneity and climate on the distribution and conservation of vascular epiphytes in the Brazilian Atlantic Forest?. <i>Biodiversity and Conservation</i> , 2021, 30, 1415-1431.	1.2	6
1386	Large-scale spatial patterns of small-mammal communities in the Mediterranean region revealed by Barn owl diet. <i>Scientific Reports</i> , 2021, 11, 4985.	1.6	2
1387	Determinants of the Shape of Speciesâ€™Area Curves. , 2021, , 78-106.		4
1388	Diversity patterns and evolutionary history of Arabian squamates. <i>Journal of Biogeography</i> , 2021, 48, 1183-1199.	1.4	24
1389	Effects of Water and Energy on Plant Diversity along the Aridity Gradient across Dryland in China. <i>Plants</i> , 2021, 10, 636.	1.6	19
1390	Evolutionary and environmental drivers of species richness in poeciliid fishes across the Americas. <i>Global Ecology and Biogeography</i> , 2021, 30, 1245-1257.	2.7	17
1391	Environmental heterogeneity explains contrasting plant species richness between the South African Cape and southwestern Australia. <i>Journal of Biogeography</i> , 2021, 48, 1875-1888.	1.4	6
1392	Mapping tree diversity in the tropical forest region of ChocÃ³-Colombia. <i>Environmental Research Letters</i> , 2021, 16, 054024.	2.2	10
1393	Exploratory analysis reveals arthropod consumption in 10 lemur species using DNA metabarcoding. <i>American Journal of Primatology</i> , 2021, 83, e23256.	0.8	8
1395	Habitat heterogeneity, temperature, and primary productivity drive elevational gradients in avian species diversity. <i>Ecology and Evolution</i> , 2021, 11, 5985-5997.	0.8	4
1396	Understanding how environmental heterogeneity and elevation drives the distribution of woody communities across vegetation types within the campo rupestre in South America. <i>Journal of Mountain Science</i> , 2021, 18, 1192-1207.	0.8	12
1397	Impacts of climate change on aquatic insects in temperate alpine regions: Complementary modeling approaches applied to Swiss rivers. <i>Global Change Biology</i> , 2021, 27, 3565-3581.	4.2	11
1398	Variation in Temperature, Precipitation, and Vegetation Greenness Drive Changes in Seasonal Variation of Avian Diversity in an Urban Desert Landscape. <i>Land</i> , 2021, 10, 480.	1.2	1
1399	The midâ€‘domain effect and habitat complexity applied to elevational gradients: Moss species richness in a temperate semihumid monsoon climate mountain of China. <i>Ecology and Evolution</i> , 2021, 11, 7448-7460.	0.8	6
1400	Musical Chairs on Temperate Reefs: Species Turnover and Replacement Within Functional Groups Explain Regional Diversity Variation in Assemblages Associated With Honeycomb Worms. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	4
1401	Hydrological and topographic determinants of biomass and species richness in a Mediterranean-climate shrubland. <i>PLoS ONE</i> , 2021, 16, e0252154.	1.1	1
1402	Niche evolution reveals disparate signatures of speciation in the â€‘great speciatorâ€™™ (whiteâ€‘eyes, Aves) <i>TJ ETQq1 1 0.784314 rgBT</i>	1.4	5

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1403	Chemical Similarity of Co-occurring Trees Decreases With Precipitation and Temperature in North American Forests. <i>Frontiers in Ecology and Evolution</i> , 2021, 9, .	1.1	13
1404	A bibliometric study about energy, environment, and climate change. <i>Environmental Science and Pollution Research</i> , 2021, 28, 34187-34199.	2.7	27
1405	The role of climate change in pollinator decline across the Northern Hemisphere is underestimated. <i>Science of the Total Environment</i> , 2021, 775, 145788.	3.9	46
1406	Linking the diversity and structure of French avian communities with landscape parameters, climate and NPP flows. <i>Regional Environmental Change</i> , 2021, 21, 1.	1.4	1
1407	Dung beetle diversity across Brazilian tropical dry forests does not support the Pleistocene Arc hypothesis. <i>Austral Ecology</i> , 2022, 47, 54-67.	0.7	3
1408	Modelling current and future potential distributions of <i>Vachellia tortilis</i> (Forssk.) Hayne subsp. <i>raddiana</i> (Savi.) Brenan var. <i>raddiana</i> under climate change in Tunisia. <i>African Journal of Ecology</i> , 2021, 59, 944-958.	0.4	1
1409	Quantifying seed germination based on thermal models to predict global climate change impacts on Cerrado species. <i>Seed Science Research</i> , 2021, 31, 126-135.	0.8	1
1410	Contrasting Gymnosperm Diversity Across an Elevation Gradient in the Ecoregion of China: The Role of Temperature and Productivity. <i>Frontiers in Ecology and Evolution</i> , 2021, 9, .	1.1	5
1411	Topography-derived variables provide insight into habitat occupancy of a cryptic snake, <i>Bitis atropos</i> . <i>Austral Ecology</i> , 0, , .	0.7	0
1412	Productivity, niche availability, species richness, and extinction risk: Untangling relationships using individual-based simulations. <i>Ecology and Evolution</i> , 2021, 11, 8923-8940.	0.8	11
1413	Alpha and beta diversity patterns of macro-moths reveal a breakpoint along a latitudinal gradient in Mongolia. <i>Scientific Reports</i> , 2021, 11, 15018.	1.6	8
1414	Dependence of diversity of floras on climate in the Middle Volga region. <i>IOP Conference Series: Earth and Environmental Science</i> , 2021, 818, 012047.	0.2	1
1415	Changes in the structure and composition of the "Mexical" scrubland bee community along an elevational gradient. <i>PLoS ONE</i> , 2021, 16, e0254072.	1.1	5
1416	Spatial variation in direct and indirect effects of climate and productivity on species richness of terrestrial tetrapods. <i>Global Ecology and Biogeography</i> , 2021, 30, 1899-1908.	2.7	17
1417	Is Africa Really an "Odd Man Out"? Evidence for Diversity Decline across the Oligocene-Miocene Boundary. <i>International Journal of Plant Sciences</i> , 2021, 182, 551-563.	0.6	4
1419	Patterns and drivers of phylogenetic structure of pteridophytes in China. <i>Global Ecology and Biogeography</i> , 2021, 30, 1835-1846.	2.7	19
1421	One million years of diversity shifts in amphibians and reptiles in a Mediterranean landscape: resilience rules the Quaternary. <i>Palaeontology</i> , 2021, 64, 673-686.	1.0	6
1423	Evolutionary Responses to Warming. <i>Trends in Ecology and Evolution</i> , 2021, 36, 591-600.	4.2	35

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1424	Diverging facets of grassland ant diversity along a Mediterranean elevational gradient. <i>Ecological Entomology</i> , 2021, 46, 1301-1314.	1.1	4
1425	Railways redistribute plant species in mountain landscapes. <i>Journal of Applied Ecology</i> , 2021, 58, 1967-1980.	1.9	27
1426	Environmental controls on butterfly occurrence and species richness in Israel: The importance of temperature over rainfall. <i>Ecology and Evolution</i> , 2021, 11, 12035-12050.	0.8	7
1427	The Potential of Mapping Grassland Plant Diversity with the Links among Spectral Diversity, Functional Trait Diversity, and Species Diversity. <i>Remote Sensing</i> , 2021, 13, 3034.	1.8	12
1428	Temperature and productivity distinctly affect the species richness of ectothermic and endothermic multitrophic guilds along a tropical elevational gradient. <i>Oecologia</i> , 2021, 197, 243-257.	0.9	3
1429	Patterns and drivers of leaf litter ant diversity along a tropical elevational gradient in Mexico. <i>Journal of Biogeography</i> , 2021, 48, 2512-2523.	1.4	5
1430	Universality in biodiversity patterns: variation in species' temperature and species' productivity relationships reveals a prominent role of productivity in diversity gradients. <i>Ecography</i> , 2021, 44, 1366-1378.	2.1	18
1431	Trait gradients inform predictions of seagrass meadows changes to future warming. <i>Scientific Reports</i> , 2021, 11, 18107.	1.6	13
1432	Unravelling biodiversity-productivity relationships across a large temperate forest region. <i>Functional Ecology</i> , 2021, 35, 2808-2820.	1.7	19
1433	Edaphic specialization and vegetation zones define elevational range sizes for Mt Kinabalu regional flora. <i>Ecography</i> , 2021, 44, 1698-1709.	2.1	6
1434	Impacts of slope aspects on altitudinal species richness and species composition of Narapani-Masina landscape, Arghakhanchi, West Nepal. <i>Journal of Asia-Pacific Biodiversity</i> , 2021, 14, 415-424.	0.2	5
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