

The role of biotic interactions in shaping distributions of species: implications for species distribution modelling

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Boreal Forest Bird Assemblages and Their Conservation. , 0, , 183-230.		3
2	Investigating Climate Change and Reproduction: Experimental Tools from Evolutionary Biology. <i>Biology</i> , 2012, 1, 411-438.	1.3	22
3	Predicting shifts in parasite distribution with climate change: a multitrophic level approach. <i>Global Change Biology</i> , 2013, 19, 2645-2654.	4.2	57
4	Process-based and correlative modeling of desert mistletoe distribution: a multiscale approach. <i>Ecosphere</i> , 2013, 4, 1-23.	1.0	22
5	Using plant distributions to predict the current and future range of a rare lizard. <i>Diversity and Distributions</i> , 2013, 19, 1125-1137.	1.9	14
6	A framework for using niche models to estimate impacts of climate change on species distributions. <i>Annals of the New York Academy of Sciences</i> , 2013, 1297, 8-28.	1.8	202
7	Ecophysiological forecasting for environmental change adaptation. <i>Functional Ecology</i> , 2013, 27, 930-933.	1.7	1
8	Olive Agroecosystems in the Mediterranean Basin: Multitrophic Analysis of Climate Effects with Process-based Representation of Soil Water Balance. <i>Procedia Environmental Sciences</i> , 2013, 19, 122-131.	1.3	10
9	Thermal niches are more conserved at cold than warm limits in arctic-alpine plant species. <i>Global Ecology and Biogeography</i> , 2013, 22, 933-941.	2.7	60
10	Effects of Climate Change, Invasive Species, and Disease on the Distribution of Native European Crayfishes. <i>Conservation Biology</i> , 2013, 27, 731-740.	2.4	72
11	Stochastic species distributions are driven by organism size. <i>Ecology</i> , 2013, 94, 660-670.	1.5	66
12	Horizontal, but not vertical, biotic interactions affect fine-scale plant distribution patterns in a low-energy system. <i>Ecology</i> , 2013, 94, 671-682.	1.5	51
13	Ontogenetic shifts in plant interactions vary with environmental severity and affect population structure. <i>New Phytologist</i> , 2013, 200, 241-250.	3.5	74
14	Constraints on interpretation of ecological niche models by limited environmental ranges on calibration areas. <i>Ecological Modelling</i> , 2013, 263, 10-18.	1.2	459
15	Mammal predator and prey species richness are strongly linked at macroscales. <i>Ecology</i> , 2013, 94, 1112-1122.	1.5	85
16	A probabilistic approach to niche-based community models for spatial forecasts of assemblage properties and their uncertainties. <i>Journal of Biogeography</i> , 2013, 40, 1939-1946.	1.4	20
17	Biotic interactions drive species occurrence and richness in dynamic beach environments. <i>Plant Ecology</i> , 2013, 214, 1455-1466.	0.7	37
18	Climate Change and the Past, Present, and Future of Biotic Interactions. <i>Science</i> , 2013, 341, 499-504.	6.0	612

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19	Effects of local adaptation and interspecific competition on species' responses to climate change. <i>Annals of the New York Academy of Sciences</i> , 2013, 1297, 83-97.	1.8	49
20	Plant species distributions along environmental gradients: do belowground interactions with fungi matter?. <i>Frontiers in Plant Science</i> , 2013, 4, 500.	1.7	38
21	Evidence for large-scale effects of competition: niche displacement in Canada lynx and bobcat. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20132495.	1.2	60
22	Advancing the long view of ecological change in tundra systems. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2013, 368, 20120477.	1.8	20
23	Combining food web and species distribution models for improved community projections. <i>Ecology and Evolution</i> , 2013, 3, 4572-4583.	0.8	50
24	Present, Future, and Novel Bioclimates of the San Francisco, California Region. <i>PLoS ONE</i> , 2013, 8, e58450.	1.1	19
25	Threats from Climate Change to Terrestrial Vertebrate Hotspots in Europe. <i>PLoS ONE</i> , 2013, 8, e74989.	1.1	79
26	An horizon scan of biogeography. <i>Frontiers of Biogeography</i> , 2013, 5, .	0.8	5
27	Estimating extinction risk under climate change: next-generation models simultaneously incorporate demography, dispersal, and biotic interactions. <i>Frontiers of Biogeography</i> , 2013, 5, .	0.8	0
28	Seed Dispersers, Seed Predators, and Browsers Act Synergistically as Biotic Filters in a Mosaic Landscape. <i>PLoS ONE</i> , 2014, 9, e107385.	1.1	16
29	Biotic Interactions Overrule Plant Responses to Climate, Depending on the Species' Biogeography. <i>PLoS ONE</i> , 2014, 9, e111023.	1.1	6
30	Recolonizing sea otters spatially segregate from pinnipeds on the Canadian Pacific coastline: The implications of segregation for species conservation. <i>Biological Conservation</i> , 2014, 177, 148-155.	1.9	8
31	Unveiling the factors shaping the distribution of widely distributed alpine vertebrates, using multi-scale ecological niche modelling of the bat <i>Plecotus macrobullaris</i> . <i>Frontiers in Zoology</i> , 2014, 11, 77.	0.9	14
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33	Effects of climate change on the distribution of ecologically interacting species: butterflies and their main food plants in Spain. <i>Ecography</i> , 2014, 37, 1063-1072.	2.1	27
34	Demography as the basis for understanding and predicting range dynamics. <i>Ecography</i> , 2014, 37, 1149-1154.	2.1	49
35	Range-shifter: a platform for modelling spatial eco-evolutionary dynamics and species' responses to environmental changes. <i>Methods in Ecology and Evolution</i> , 2014, 5, 388-396.	2.2	160
36	Host plant availability potentially limits butterfly distributions under cold environmental conditions. <i>Ecography</i> , 2014, 37, 301-308.	2.1	27

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38	Causes of warmâ€edge range limits: systematic review, proximate factors and implications for climate change. Journal of Biogeography, 2014, 41, 429-442.	1.4	146
39	Mechanistic modelling of animal dispersal offers new insights into range expansion dynamics across fragmented landscapes. Ecography, 2014, 37, 1240-1253.	2.1	61
40	Occupancy patterns of large mammals in the Far North of Ontario under imperfect detection and spatial autocorrelation. Journal of Biogeography, 2014, 41, 122-132.	1.4	20
41	Prioritising plant-parasitic nematode species biosecurity risks using self organising maps. Biological Invasions, 2014, 16, 1515-1530.	1.2	15
42	The importance of biotic interactions in species distribution models: a test of the Eltonian noise hypothesis using parrots. Journal of Biogeography, 2014, 41, 513-523.	1.4	114
43	The fourthâ€corner solution â€ using predictive models to understand how species traits interact with the environment. Methods in Ecology and Evolution, 2014, 5, 344-352.	2.2	226
44	Rust fungi and global change. New Phytologist, 2014, 201, 770-780.	3.5	123
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51	Ecological niche models in phylogeographic studies: applications, advances and precautions. Molecular Ecology Resources, 2014, 14, 233-248.	2.2	210
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53	Prey switching as a means of enhancing persistence in predators at the trailing southern edge. Global Change Biology, 2014, 20, 1126-1135.	4.2	39
54	The effect of spatially marginal localities in modelling species niches and distributions. Journal of Biogeography, 2014, 41, 1390-1401.	1.4	32

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56	Assessing coastal species distribution models through the integration of terrestrial, oceanic and atmospheric data. <i>Journal of Biogeography</i> , 2014, 41, 1614-1625.	1.4	9
57	Co-diversity and co-distribution in phyllostomid bats: Evaluating the relative roles of climate and niche conservatism. <i>Basic and Applied Ecology</i> , 2014, 15, 85-91.	1.2	8
58	Scaling of species distribution models across spatial resolutions and extents along a biogeographic gradient. The case of the Iberian mole <i>Talpa occidentalis</i> . <i>Ecography</i> , 2014, 37, 279-292.	2.1	32
59	Climatic niche shifts between species' native and naturalized ranges raise concern for ecological forecasts during invasions and climate change. <i>Global Ecology and Biogeography</i> , 2014, 23, 1356-1365.	2.7	248
60	Spatial patterns, ecological niches, and interspecific competition of avian brood parasites: inferring from a case study of Korea. <i>Ecology and Evolution</i> , 2014, 4, 3689-3702.	0.8	20
61	Functional homogenization of bumblebee communities in alpine landscapes under projected climate change. <i>Climate Change Responses</i> , 2014, 1, .	2.6	44
62	Distributions of Species in the <i>Tegenaria atrica</i> Group (Araneae: Agelenidae) in North-East England: Chance, Contingency and Priority. <i>Arachnology</i> , 2014, 16, 145-153.	0.4	3
63	Local-scale biotic interactions embedded in macroscale climate drivers suggest Eltonian noise hypothesis distribution patterns for an invasive grass. <i>Ecology Letters</i> , 2014, 17, 1447-1454.	3.0	39
64	The influence of interspecific interactions on species range expansion rates. <i>Ecography</i> , 2014, 37, 1198-1209.	2.1	196
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67	Accounting for imperfect detection and survey bias in statistical analysis of presence-only data. <i>Global Ecology and Biogeography</i> , 2014, 23, 1472-1484.	2.7	187
68	Predictability in species distributions: a global analysis across organisms and ecosystems. <i>Global Ecology and Biogeography</i> , 2014, 23, 1264-1274.	2.7	25
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71	Outcomes of biotic interactions are dependent on multiple environmental variables. <i>Journal of Vegetation Science</i> , 2014, 25, 1024-1032.	1.1	54
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73	Climate refugia: joint inference from fossil records, species distribution models and phylogeography. <i>New Phytologist</i> , 2014, 204, 37-54.	3.5	361
74	Mutualist-mediated effects on species' range limits across large geographic scales. <i>Ecology Letters</i> , 2014, 17, 1265-1273.	3.0	201
75	Climate-induced shifts in the niche similarity of two related spadefoot toads (genus <i>Pelobates</i>). <i>Organisms Diversity and Evolution</i> , 2014, 14, 397-408.	0.7	11
76	Small-scale spatial variability in phylogenetic community structure during early plant succession depends on soil properties. <i>Oecologia</i> , 2014, 175, 985-995.	0.9	20
77	Shifts from native to invasive small mammals across gradients from tropical forest to urban habitat in Borneo. <i>Biodiversity and Conservation</i> , 2014, 23, 2289-2303.	1.2	36
78	Commentary on Ditch, Stitch and Pitch: the niche is here to stay. <i>Journal of Biogeography</i> , 2014, 41, 414-417.	1.4	10
79	Towards a better understanding of potential impacts of climate change on marine species distribution: a multiscale modelling approach. <i>Global Ecology and Biogeography</i> , 2014, 23, 1417-1429.	2.7	82
80	Effects of environmental change on zoonotic disease risk: an ecological primer. <i>Trends in Parasitology</i> , 2014, 30, 205-214.	1.5	196
81	Predicting fine-scale tree species abundance patterns using biotic variables derived from LiDAR and high spatial resolution imagery. <i>Remote Sensing of Environment</i> , 2014, 150, 120-131.	4.6	47
82	Species-environment relationships and potential for distribution modelling in coastal waters. <i>Journal of Sea Research</i> , 2014, 85, 116-125.	0.6	29
83	Multivariate random forest models of estuarine-associated fish and invertebrate communities. <i>Marine Ecology - Progress Series</i> , 2014, 500, 159-174.	0.9	20
84	Reducing uncertainty in species' responses to climate change. <i>Environmental Epigenetics</i> , 2014, 60, 186-188.	0.9	1
85	Identifying biotic interactions which drive the spatial distribution of a mosquito community. <i>Parasites and Vectors</i> , 2015, 8, 367.	1.0	35
86	Predicting fine-scale distributions of peripheral aquatic species in headwater streams. <i>Ecology and Evolution</i> , 2015, 5, 152-163.	0.8	9
87	Parrots as key multilinkers in ecosystem structure and functioning. <i>Ecology and Evolution</i> , 2015, 5, 4141-4160.	0.8	57
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89	Will remote sensing shape the next generation of species distribution models?. <i>Remote Sensing in Ecology and Conservation</i> , 2015, 1, 4-18.	2.2	257
90	Wolves, people, and brown bears influence the expansion of the recolonizing wolf population in Scandinavia. <i>Ecosphere</i> , 2015, 6, 1-14.	1.0	67

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91	Parapatric distribution and sexual competition between two tick species, <i>Amblyomma variegatum</i> and <i>A. hebraeum</i> (Acari, Ixodidae), in Mozambique. <i>Parasites and Vectors</i> , 2015, 8, 504.	1.0	20
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94	Climate change expected to drive habitat loss for two key herbivore species in an alpine environment. <i>Journal of Biogeography</i> , 2015, 42, 1210-1221.	1.4	10
95	Predicting Future European Breeding Distributions of British Seabird Species under Climate Change and Unlimited/No Dispersal Scenarios. <i>Diversity</i> , 2015, 7, 342-359.	0.7	9
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97	A Geographic Assessment of the Global Scope for Rewilding with Wild-Living Horses (<i>Equus ferus</i>). <i>PLoS ONE</i> , 2015, 10, e0132359.	1.1	43
98	Estimating the Effects of Habitat and Biological Interactions in an Avian Community. <i>PLoS ONE</i> , 2015, 10, e0135987.	1.1	36
99	Effects of climate, species interactions, and dispersal on decadal colonization and extinction rates of Iberian tree species. <i>Ecological Modelling</i> , 2015, 309-310, 118-127.	1.2	21
100	Can multilayer perceptron ensembles model the ecological niche of freshwater fish species?. <i>Ecological Modelling</i> , 2015, 309-310, 72-81.	1.2	14
101	Accuracy Assessment of Datasets on the Geographic Distribution of <i>Aotus</i> spp. Using a New Georeferencing Reliability Index. <i>Annales Zoologici Fennici</i> , 2015, 52, 177-185.	0.2	1
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104	Mechanistic species distribution modelling as a link between physiology and conservation. , 2015, 3, cov056.		117
105	Divergent effects of forest edges on host distribution and seed disperser activity influence mistletoe distribution and recruitment. <i>Journal of Ecology</i> , 2015, 103, 1475-1486.	1.9	5
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108	Towards global interoperability for supporting biodiversity research on essential biodiversity variables (EBVs). <i>Biodiversity</i> , 2015, 16, 99-107.	0.5	38

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110	The relative importance of biotic and abiotic processes for structuring plant communities through time. <i>Journal of Ecology</i> , 2015, 103, 459-472.	1.9	23
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115	Niche shift can impair the ability to predict invasion risk in the marine realm: an illustration using Mediterranean fish invaders. <i>Ecology Letters</i> , 2015, 18, 246-253.	3.0	121
116	Geographical variation in mutualistic networks: similarity, turnover and partner fidelity. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20142925.	1.2	129
117	Information on Biotic Interactions Improves Transferability of Distribution Models. <i>American Naturalist</i> , 2015, 185, 281-290.	1.0	38
118	Biotic interactions boost spatial models of species richness. <i>Ecography</i> , 2015, 38, 913-921.	2.1	63
119	Paleodistribution modeling in archaeology and paleoanthropology. <i>Quaternary Science Reviews</i> , 2015, 110, 1-14.	1.4	52
120	Random forests to evaluate biotic interactions in fish distribution models. <i>Environmental Modelling and Software</i> , 2015, 67, 173-183.	1.9	60
121	Disturbance and climate microrefugia mediate tree range shifts during climate change. <i>Landscape Ecology</i> , 2015, 30, 1039-1053.	1.9	52
122	Using species richness and functional traits predictions to constrain assemblage predictions from stacked species distribution models. <i>Journal of Biogeography</i> , 2015, 42, 1255-1266.	1.4	97
123	The effect of competition on species' distributions depends on coexistence, rather than scale alone. <i>Ecography</i> , 2015, 38, 1071-1079.	2.1	38
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125	Generating realistic assemblages with a joint species distribution model. <i>Methods in Ecology and Evolution</i> , 2015, 6, 465-473.	2.2	122
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128	Winners and losers of climate change for the genus <i>Merodon</i> (Diptera: Syrphidae) across the Balkan Peninsula. <i>Ecological Modelling</i> , 2015, 313, 201-211.	1.2	22
129	Invasion success of a global avian invader is explained by within-taxon niche structure and association with humans in the native range. <i>Diversity and Distributions</i> , 2015, 21, 675-685.	1.9	49
130	Empirical evidence for the scale dependence of biotic interactions. <i>Global Ecology and Biogeography</i> , 2015, 24, 750-761.	2.7	67
131	The realized niche of captive-hatched Houbara Bustards translocated in Morocco meets expectations from the wild. <i>Biological Conservation</i> , 2015, 186, 241-250.	1.9	7
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133	Phylogenetic structure and host abundance drive disease pressure in communities. <i>Nature</i> , 2015, 520, 542-544.	13.7	264
134	The relationship between biogeography and ecology: envelopes, models, predictions. <i>Biological Journal of the Linnean Society</i> , 2015, 115, 456-468.	0.7	27
135	Dynamic spatial interactions between the native invader Brown-headed Cowbird and its hosts. <i>Diversity and Distributions</i> , 2015, 21, 511-522.	1.9	6
136	Impacts of climate change and management responses in tropical forests depend on complex frugivore-mediated seed dispersal. <i>Global Ecology and Biogeography</i> , 2015, 24, 685-694.	2.7	12
137	Declining diversity of egg-associated bacteria during development of naturally spawned whitefish embryos (<i>Coregonus</i> spp.). <i>Aquatic Sciences</i> , 2015, 77, 481-497.	0.6	17
138	Where and When do Species Interactions Set Range Limits?. <i>Trends in Ecology and Evolution</i> , 2015, 30, 780-792.	4.2	347
139	No species is an island: testing the effects of biotic interactions on models of avian niche occupation. <i>Ecology and Evolution</i> , 2015, 5, 759-768.	0.8	23
140	A geo-statistical approach to model Asiatic cheetah, onager, gazelle and wild sheep shared niche and distribution in Turan biosphere reserve-Iran. <i>Ecological Informatics</i> , 2015, 29, 25-32.	2.3	12
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142	Temporal context affects the observed rate of climate-driven range shifts in tree species. <i>Global Ecology and Biogeography</i> , 2015, 24, 44-51.	2.7	61
143	Ecophysiology Tracks Phylogeny and Meets Ecological Models in an Iberian Gecko. <i>Physiological and Biochemical Zoology</i> , 2015, 88, 564-575.	0.6	17
144	Modeling Species and Community Responses to Past, Present, and Future Episodes of Climatic and Ecological Change. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2015, 46, 343-368.	3.8	107

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146	Post-Soviet land-use change effects on large mammals' habitat in European Russia. <i>Biological Conservation</i> , 2015, 191, 567-576.	1.9	28
147	Novel competitors shape species' responses to climate change. <i>Nature</i> , 2015, 525, 515-518.	13.7	516
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149	Shifts in trait means and variances in North American tree assemblages: species richness patterns are loosely related to the functional space. <i>Ecography</i> , 2015, 38, 649-658.	2.1	89
150	Spatial extent of biotic interactions affects species distribution and abundance in river networks: the freshwater pearl mussel and its hosts. <i>Journal of Biogeography</i> , 2015, 42, 229-240.	1.4	19
151	Optimising long-term monitoring projects for species distribution modelling: how atlas data may help. <i>Ecography</i> , 2015, 38, 29-40.	2.1	13
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153	Moving forward on facilitation research: response to changing environments and effects on the diversity, functioning and evolution of plant communities. <i>Biological Reviews</i> , 2015, 90, 297-313.	4.7	221
154	Tree cover at fine and coarse spatial grains interacts with shade tolerance to shape plant species distributions across the Alps. <i>Ecography</i> , 2015, 38, 578-589.	2.1	38
155	Towards a taxonomy of spatial scale-dependence. <i>Ecography</i> , 2015, 38, 358-369.	2.1	30
156	<sc>CATS</sc> regression – a model-based approach to studying trait-based community assembly. <i>Methods in Ecology and Evolution</i> , 2015, 6, 389-398.	2.2	75
157	Niche conservatism among non-native vertebrates in Europe and North America. <i>Ecography</i> , 2015, 38, 321-329.	2.1	76
158	Drivers of freshwater fish colonisations and extirpations under climate change. <i>Ecography</i> , 2015, 38, 510-519.	2.1	44
159	Nonlinear thermal gradients shape broad-scale patterns in geographic range size and can reverse <sc>R</sc>'s rule. <i>Global Ecology and Biogeography</i> , 2015, 24, 157-167.	2.7	53
160	Disturbance and distributions: avoiding exclusion in a warming world. <i>Ecology and Society</i> , 2016, 21, .	1.0	29
161	Invasion Fosters Change: Independent Evolutionary Shifts in Reproductive Traits after <i>Oxalis pes-caprae</i> L. Introduction. <i>Frontiers in Plant Science</i> , 2016, 7, 874.	1.7	18
162	Early signs of range disjunction of submountainous plant species: an unexplored consequence of future and contemporary climate changes. <i>Global Change Biology</i> , 2016, 22, 2094-2105.	4.2	20

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164	Biotic interactions and habitat drive positive co-occurrence between facilitating and beneficiary stream fishes. <i>Journal of Biogeography</i> , 2016, 43, 923-931.	1.4	39
165	Modelling the influence of biotic factors on species distribution patterns. <i>Ecological Modelling</i> , 2016, 337, 96-106.	1.2	60
166	Interspecific aggression by the Swainson's Thrush (<i>Catharus ustulatus</i>) may limit the distribution of the threatened Bicknell's Thrush (<i>Catharus bicknelli</i>) in the Adirondack Mountains. <i>Condor</i> , 2016, 118, 169-178.	0.7	34
167	Widespread correlations between climatic niche evolution and species diversification in birds. <i>Journal of Animal Ecology</i> , 2016, 85, 869-878.	1.3	48
168	A synthesis of transplant experiments and ecological niche models suggests that range limits are often niche limits. <i>Ecology Letters</i> , 2016, 19, 710-722.	3.0	184
169	Spatio-temporal variation of biotic factors underpins contemporary range dynamics of congeners. <i>Global Change Biology</i> , 2016, 22, 1201-1213.	4.2	9
170	Asymmetric interspecific aggression in New Guinean songbirds that replace one another along an elevational gradient. <i>Ibis</i> , 2016, 158, 726-737.	1.0	51
171	Uncovering hidden spatial structure in species communities with spatially explicit joint species distribution models. <i>Methods in Ecology and Evolution</i> , 2016, 7, 428-436.	2.2	170
172	Biotic interactions mediate patterns of herbivore diversity in the Arctic. <i>Global Ecology and Biogeography</i> , 2016, 25, 1108-1118.	2.7	26
174	Environmental factors influencing local distributions of European green crab (<i>Carcinus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 342 Td	2.1	8
175	Spatial differences across the French Pyrenees in the use of local habitat by the endangered semi-aquatic Pyrenean desman (<i>Galemys pyrenaicus</i>). <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2016, 26, 761-774.	0.9	8
176	Major drivers of invasion risks throughout the world. <i>Ecosphere</i> , 2016, 7, e01241.	1.0	102
177	Simulated shifts in trophic niche breadth modulate range loss of alpine butterflies under climate change. <i>Ecography</i> , 2016, 39, 796-804.	2.1	21
178	Assessing trophic adaptability is critical for understanding the response of predatory fishes to climate change: a case study of <i>Pomatomus saltatrix</i> in a global hotspot. <i>African Journal of Marine Science</i> , 2016, 38, 539-547.	0.4	7
179	Occupancy and abundance of predator and prey: implications of the fire-heatgrass cycle in sagebrush ecosystems. <i>Ecosphere</i> , 2016, 7, e01307.	1.0	20
180	Landscape trends in small mammal occupancy in the Makira-Masoala protected areas, northeastern Madagascar. <i>Journal of Mammalogy</i> , 2016, , gyw168.	0.6	2
181	Patterns and biases in climate change research on amphibians and reptiles: a systematic review. <i>Royal Society Open Science</i> , 2016, 3, 160158.	1.1	73

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183	Projected direct and indirect effects of climate change on the Swift Parrot, an endangered migratory species. <i>Emu</i> , 2016, 116, 273-283.	0.2	7
184	Contrasting effects of biotic interactions on richness and distribution of vascular plants, bryophytes and lichens in an arcticâ€“alpine landscape. <i>Polar Biology</i> , 2016, 39, 649-657.	0.5	23
185	De-extinction potential under climate change: Extensive mismatch between historic and future habitat suitability for three candidate birds. <i>Biological Conservation</i> , 2016, 197, 164-170.	1.9	15
186	Do community-level models account for the effects of biotic interactions? A comparison of community-level and species distribution modeling of Rocky Mountain conifers. <i>Plant Ecology</i> , 2016, 217, 533-547.	0.7	6
187	Abiotic mediation of a mutualism drives herbivore abundance. <i>Ecology Letters</i> , 2016, 19, 37-44.	3.0	26
188	Annual grass invasion in sagebrush steppe: the relative importance of climate, soil properties and biotic interactions. <i>Oecologia</i> , 2016, 181, 543-557.	0.9	46
189	Shading and litter mediate the effects of soil fertility on the performance of an understory herb. <i>Annals of Botany</i> , 2016, 118, 1187-1198.	1.4	3
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191	Quantifying the impacts of sea-level rise on coastal biodiversity: A case study on lichens in the mid-Atlantic Coast of eastern North America. <i>Biological Conservation</i> , 2016, 202, 119-126.	1.9	26
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193	Large-scale semi-automated acoustic monitoring allows to detect temporal decline of bush-crickets. <i>Global Ecology and Conservation</i> , 2016, 6, 208-218.	1.0	43
194	Fine-scale population dynamics help to elucidate community assembly patterns of epiphytic lichens in alpine forests. <i>Fungal Ecology</i> , 2016, 24, 21-26.	0.7	4
195	Risk of biological invasions is concentrated in biodiversity hotspots. <i>Frontiers in Ecology and the Environment</i> , 2016, 14, 411-417.	1.9	53
196	Effects of dispersal and stochasticity on the presenceâ€“absence of multiple species. <i>Ecological Modelling</i> , 2016, 342, 49-59.	1.2	31
197	Towards Process-based Range Modeling of Many Species. <i>Trends in Ecology and Evolution</i> , 2016, 31, 860-871.	4.2	123
198	Using species distribution models to assess the importance of Egypt's protected areas for the conservation of medicinal plants. <i>Journal of Arid Environments</i> , 2016, 135, 140-146.	1.2	59
199	The dark side of the â€œredundancy hypothesisâ€“and ecosystem assessment. <i>Ecological Complexity</i> , 2016, 28, 222-229.	1.4	20

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201	What we use is not what we know: environmental predictors in plant distribution models. <i>Journal of Vegetation Science</i> , 2016, 27, 1308-1322.	1.1	165
202	Biotic interactions with natural enemies do not affect potential range expansion of three invasive plants in response to climate change. <i>Biological Invasions</i> , 2016, 18, 3351-3363.	1.2	9
203	Forest resistance to sea-level rise prevents landward migration of tidal marsh. <i>Biological Conservation</i> , 2016, 201, 363-369.	1.9	59
204	Are we failing to protect threatened mangroves in the Sundarbans world heritage ecosystem?. <i>Scientific Reports</i> , 2016, 6, 21234.	1.6	73
205	Habitat preferences of two sparrow species are modified by abundances of other birds in an urban environment. <i>Environmental Epigenetics</i> , 2016, 62, 357-368.	0.9	13
206	Pine marten vs. stone marten in agricultural lowlands: a landscape-scale, genetic survey. <i>Mammal Research</i> , 2016, 61, 327-335.	0.6	9
207	Pollen dispersal slows geographical range shift and accelerates ecological niche shift under climate change. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E5741-8.	3.3	36
208	When Climate Reshuffles Competitors: A Call for Experimental Macroecology. <i>Trends in Ecology and Evolution</i> , 2016, 31, 831-841.	4.2	132
209	Estimating Effects of Species Interactions on Populations of Endangered Species. <i>American Naturalist</i> , 2016, 187, 457-467.	1.0	13
210	Impacts of Niche Breadth and Dispersal Ability on Macroevolutionary Patterns. <i>American Naturalist</i> , 2016, 188, 149-162.	1.0	39
211	Glaciations, deciduous forests, water availability and current geographical patterns in the diversity of European <i>Carabus</i> species. <i>Journal of Biogeography</i> , 2016, 43, 2343-2353.	1.4	40
212	Island biodiversity hotspots are getting hotter: vulnerability of tree species to climate change in New Caledonia. <i>Biological Conservation</i> , 2016, 201, 111-119.	1.9	21
213	Risk Analysis and Bioeconomics of Invasive Species to Inform Policy and Management. <i>Annual Review of Environment and Resources</i> , 2016, 41, 453-488.	5.6	149
214	Forecasting marine invasions under climate change: Biotic interactions and demographic processes matter. <i>Biological Conservation</i> , 2016, 204, 459-467.	1.9	34
215	A size-gradient hypothesis for alpine treeline ecotones. <i>Journal of Mountain Science</i> , 2016, 13, 1154-1161.	0.8	8
216	Climate change and the ash dieback crisis. <i>Scientific Reports</i> , 2016, 6, 35303.	1.6	47
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219	A network approach for inferring species associations from co-occurrence data. <i>Ecography</i> , 2016, 39, 1139-1150.	2.1	96
220	Long-term survival and diversification of an endemic <i>Melitaea</i> species in mountains of Iran and adjacent areas. <i>Journal of Zoological Systematics and Evolutionary Research</i> , 2016, 54, 106-115.	0.6	1
221	The influence of life history characteristics on flea (Siphonaptera) species distribution models. <i>Parasites and Vectors</i> , 2016, 9, 178.	1.0	12
223	Strong paleoclimatic legacies in current plant functional diversity patterns across Europe. <i>Ecology and Evolution</i> , 2016, 6, 3405-3416.	0.8	20
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225	Environmental tolerance governs the presence of reef corals at latitudes beyond reef growth. <i>Global Ecology and Biogeography</i> , 2016, 25, 979-987.	2.7	20
226	Usefulness of Species Traits in Predicting Range Shifts. <i>Trends in Ecology and Evolution</i> , 2016, 31, 190-203.	4.2	142
227	Using one vs. many, sensitivity and uncertainty analyses of species distribution models with focus on conservation area networks. <i>Ecological Modelling</i> , 2016, 320, 372-382.	1.2	26
228	Incorporating movement in species distribution models: how do simulations of dispersal affect the accuracy and uncertainty of projections?. <i>International Journal of Geographical Information Science</i> , 0, , 1-25.	2.2	13
229	Ant predation on herbivores through a multitrophic lens: how effects of ants on plant herbivore defense and natural enemies vary along temperature gradients. <i>Current Opinion in Insect Science</i> , 2016, 14, 73-80.	2.2	14
230	Are predators negative or positive predictors of farmland bird species community on a large geographical scale?. <i>Ecological Indicators</i> , 2016, 62, 259-270.	2.6	14
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233	Controlled comparison of species- and community-level models across novel climates and communities. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2016, 283, 20152817.	1.2	50
234	A two-species occupancy model accommodating simultaneous spatial and interspecific dependence. <i>Ecology</i> , 2016, 97, 48-53.	1.5	30
235	A comparative analysis reveals little evidence for niche conservatism in aquatic macrophytes among four areas on two continents. <i>Oikos</i> , 2017, 126, 136-148.	1.2	19
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239	Optimal taxonomic groups for biodiversity assessment: a meta-analytic approach. <i>Ecography</i> , 2017, 40, 539-548.	2.1	37
240	Predictability in community dynamics. <i>Ecology Letters</i> , 2017, 20, 293-306.	3.0	68
241	Competition and facilitation may lead to asymmetric range shift dynamics with climate change. <i>Global Change Biology</i> , 2017, 23, 3921-3933.	4.2	67
242	Accounting for biotic interactions through alpha-diversity constraints in stacked species distribution models. <i>Methods in Ecology and Evolution</i> , 2017, 8, 1092-1102.	2.2	21
243	Testing for local adaptation and evolutionary potential along altitudinal gradients in rainforest <i>Drosophila</i> : beyond laboratory estimates. <i>Global Change Biology</i> , 2017, 23, 1847-1860.	4.2	34
244	Determining the factors affecting the distribution of <i>Muscari latifolium</i> , an endemic plant of Turkey, and a mapping species distribution model. <i>Ecology and Evolution</i> , 2017, 7, 1112-1124.	0.8	21
245	Stochastic competitive exclusion leads to a cascade of species extinctions. <i>Journal of Theoretical Biology</i> , 2017, 419, 137-151.	0.8	12
246	Uncovering environmental, land-use and fire effects on the distribution of a low-dispersal species, the Hermann's tortoise <i>Testudo hermanni</i> . <i>Amphibia - Reptilia</i> , 2017, 38, 67-77.	0.1	8
247	The Interplay Between Landscape Structure and Biotic Interactions. <i>Current Landscape Ecology Reports</i> , 2017, 2, 12-29.	1.1	30
248	Conspecific tolerance and heterospecific competition as mechanisms for overcoming resistance to invasion by an intertidal crab. <i>Biological Invasions</i> , 2017, 19, 765-772.	1.2	12
249	Integrating demography, dispersal and interspecific interactions into bird distribution models. <i>Journal of Avian Biology</i> , 2017, 48, 1505-1516.	0.6	40
250	Local-scale spatial structure and community composition of orchid mycorrhizal fungi in semi-natural grasslands. <i>Mycorrhiza</i> , 2017, 27, 355-367.	1.3	21
251	Habitat suitability and demography, a time-dependent relationship. <i>Ecology and Evolution</i> , 2017, 7, 2214-2222.	0.8	16
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257	Global variation in woodpecker species richness shaped by tree availability. <i>Journal of Biogeography</i> , 2017, 44, 1824-1835.	1.4	22
258	Integrating dispersal proxies in ecological and environmental research in the freshwater realm. <i>Environmental Reviews</i> , 2017, 25, 334-349.	2.1	88
259	Integrating Biogeography with Contemporary Niche Theory. <i>Trends in Ecology and Evolution</i> , 2017, 32, 488-499.	4.2	102
260	Competitor or facilitator? The ambiguous role of alpine grassland for the early establishment of tree seedlings at treeline. <i>Oikos</i> , 2017, 126, 1625-1636.	1.2	38
261	Direct and indirect effects of climate, human disturbance and plant traits on avian functional diversity. <i>Global Ecology and Biogeography</i> , 2017, 26, 963-972.	2.7	50
262	The collapse of marsh fritillary (<i>Euphydryas aurinia</i>) populations associated with declining host plant abundance. <i>Biological Conservation</i> , 2017, 211, 117-124.	1.9	18
263	Glacial survival of trophically linked boreal species in northern Europe. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017, 284, 20162799.	1.2	13
264	Top predators constrain mesopredator distributions. <i>Nature Communications</i> , 2017, 8, 15469.	5.8	115
265	The relationship between climate change and the endangered rainforest shrub <i>Triunia robusta</i> (Proteaceae) endemic to southeast Queensland, Australia. <i>Scientific Reports</i> , 2017, 7, 46399.	1.6	11
266	Factors shaping community assemblages and species co-occurrence of different trophic levels. <i>Ecology and Evolution</i> , 2017, 7, 4745-4754.	0.8	16
267	Biodiversity Models: What If Unsaturation Is the Rule?. <i>Trends in Ecology and Evolution</i> , 2017, 32, 556-566.	4.2	71
268	Novel insights into the diet of the Pyrenean desman (<i>Galemys pyrenaicus</i>) using next-generation sequencing molecular analyses. <i>Journal of Mammalogy</i> , 2017, , .	0.6	15
269	Conceptualising the interactive effects of climate change and biological invasions on subarctic freshwater fish. <i>Ecology and Evolution</i> , 2017, 7, 4109-4128.	0.8	48
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271	Finding all multiple stable fixpoints of n-species Lotka-Volterra competition models. <i>Theoretical Population Biology</i> , 2017, 115, 24-34.	0.5	10
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274	Rabbits killing hares: an invasive mammal modifies native predator-prey dynamics. <i>Animal Conservation</i> , 2017, 20, 511-519.	1.5	18
275	Biotic and abiotic factors predicting the global distribution and population density of an invasive large mammal. <i>Scientific Reports</i> , 2017, 7, 44152.	1.6	156
276	How to make more out of community data? A conceptual framework and its implementation as models and software. <i>Ecology Letters</i> , 2017, 20, 561-576.	3.0	646
277	Interspecific interactions and range limits: contrasts among interaction types. <i>Theoretical Ecology</i> , 2017, 10, 167-179.	0.4	20
278	Effects of biotic interactions on modeled species' distribution can be masked by environmental gradients. <i>Ecology and Evolution</i> , 2017, 7, 654-664.	0.8	53
279	Do 120,000 years of plant-pollinator interactions predict floral phenotype divergence in <i>Calceolaria polyrhiza</i> ? A reconstruction using species distribution models. <i>Arthropod-Plant Interactions</i> , 2017, 11, 351-361.	0.5	8
280	The importance of herbivore density and management as determinants of the distribution of rare plant species. <i>Biological Conservation</i> , 2017, 205, 77-84.	1.9	18
281	Species distribution model for the "Northern" Oak hairstreak (<i>Satyrrium favonius ontario</i>) with comments on its conservation status in the northeastern United States. <i>Journal of Insect Conservation</i> , 2017, 21, 781-790.	0.8	2
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283	Free-ranging livestock threaten the long-term survival of giant pandas. <i>Biological Conservation</i> , 2017, 216, 18-25.	1.9	96
284	Climate warming drives large-scale changes in ecosystem function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 12100-12102.	3.3	20
285	Specialized mutualisms may constrain the geographical distribution of flowering plants. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017, 284, 20171841.	1.2	35
286	Identification and ranking of environmental threats with ecosystem vulnerability distributions. <i>Scientific Reports</i> , 2017, 7, 9298.	1.6	17
287	Avian SDMs: current state, challenges, and opportunities. <i>Journal of Avian Biology</i> , 2017, 48, 1483-1504.	0.6	79
288	Characterizing biotic interactions within the Order Lagomorpha using Joint Species Distribution Models at 3 different spatial scales. <i>Journal of Mammalogy</i> , 0, , .	0.6	4
289	Multitrophic interactions mediate the effects of climate change on herbivore abundance. <i>Oecologia</i> , 2017, 185, 181-190.	0.9	18
290	Eighty years of food-web response to interannual variation in discharge recorded in river diatom frustules from an ocean sediment core. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 10155-10159.	3.3	5

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292	The assembly and interactions of tree species in tropical forests based on spatial analysis. <i>Ecosphere</i> , 2017, 8, e01903.	1.0	2
293	Bioclimatic transect networks: Powerful observatories of ecological change. <i>Ecology and Evolution</i> , 2017, 7, 4607-4619.	0.8	29
294	Decomposition of terrestrial resource subsidies in headwater streams: Does consumer diversity matter?. <i>Ecosphere</i> , 2017, 8, e01868.	1.0	9
295	Quantification of climatic niches in birds: adding the temporal dimension. <i>Journal of Avian Biology</i> , 2017, 48, 1517-1531.	0.6	37
296	Mammal responses to human footprint vary with spatial extent but not with spatial grain. <i>Ecosphere</i> , 2017, 8, e01735.	1.0	16
297	Seed dispersal by macaws shapes the landscape of an Amazonian ecosystem. <i>Scientific Reports</i> , 2017, 7, 7373.	1.6	61
298	The importance of interspecific competition in the actual and future distributions of plant species assessed by a 2-D grid agent modelling. <i>Ecological Modelling</i> , 2017, 360, 399-409.	1.2	1
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300	From patches to richness: assessing the potential impact of landscape transformation on biodiversity. <i>Ecosphere</i> , 2017, 8, e02004.	1.0	13
301	Plant-Environment Relationships in Mexican Arid and Semiarid Regions. , 2017, , 503-527.		0
303	Toward an improved conceptual understanding of North American tree species distributions. <i>Ecosphere</i> , 2017, 8, e01853.	1.0	20
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305	The establishment threat of the obligate brood-parasitic Pin-tailed Whydah (<i>Vidua macroura</i>) in North America and the Antilles. <i>Condor</i> , 2017, 119, 449-458.	0.7	8
306	Speeding up the simulation of population spread models. <i>Methods in Ecology and Evolution</i> , 2017, 8, 501-510.	2.2	7
307	Climate and competition affect growth and survival of transplanted sugar maple seedlings along a 1700-km gradient. <i>Ecological Monographs</i> , 2017, 87, 130-157.	2.4	31
308	Large climate change, large effect? Vegetation changes over the past century in the European High Arctic. <i>Applied Vegetation Science</i> , 2017, 20, 204-214.	0.9	16
309	Plant colonization and survival along a hydrological gradient: demography and niche dynamics. <i>Oecologia</i> , 2017, 183, 201-210.	0.9	10

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311	When and how should biotic interactions be considered in models of species niches and distributions?. <i>Journal of Biogeography</i> , 2017, 44, 8-17.	1.4	141
312	Climate change will increase the naturalization risk from garden plants in Europe. <i>Global Ecology and Biogeography</i> , 2017, 26, 43-53.	2.7	87
313	Cuckoo as indicator of high functional diversity of bird communities: A new paradigm for biodiversity surrogacy. <i>Ecological Indicators</i> , 2017, 72, 565-573.	2.6	14
314	Differences in biotic interactions across range edges have only minor effects on plant performance. <i>Journal of Ecology</i> , 2017, 105, 321-331.	1.9	9
315	Competitive exclusion over broad spatial extents is a slow process: evidence and implications for species distribution modeling. <i>Ecography</i> , 2017, 40, 305-313.	2.1	30
316	Influences of interpolation of species ranges on elevational species richness gradients. <i>Ecography</i> , 2017, 40, 1231-1241.	2.1	6
317	Community traits affect plant-plant interactions across climatic gradients. <i>Oikos</i> , 2017, 126, .	1.2	6
318	Species range expansion constrains the ecological niches of resident butterflies. <i>Journal of Biogeography</i> , 2017, 44, 28-38.	1.4	16
319	ecospat: an R package to support spatial analyses and modeling of species niches and distributions. <i>Ecography</i> , 2017, 40, 774-787.	2.1	703
320	Non-stationarity in the co-occurrence patterns of species across environmental gradients. <i>Journal of Ecology</i> , 2017, 105, 391-399.	1.9	24
321	Spatial extinction or persistence: landscape-temperature interactions perturb predator-prey dynamics. <i>Ecography</i> , 2017, 40, 1177-1186.	2.1	6
322	Multiple species of cuckoos are superior predictors of bird species richness in Asia. <i>Ecosphere</i> , 2017, 8, e02003.	1.0	10
323	Integrating Species Interaction Networks and Biogeography. , 0, , 289-304.		6
324	Enhanced effects of biotic interactions on predicting multispecies spatial distribution of submerged macrophytes after eutrophication. <i>Ecology and Evolution</i> , 2017, 7, 7719-7728.	0.8	3
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330	Combining Phylogenetic and Occurrence Information for Risk Assessment of Pest and Pathogen Interactions with Host Plants. <i>Frontiers in Applied Mathematics and Statistics</i> , 2017, 3, .	0.7	12
331	Bayesian Inference of Ecological Interactions from Spatial Data. <i>Entropy</i> , 2017, 19, 547.	1.1	14
332	Mare Incognitum: A Glimpse into Future Plankton Diversity and Ecology Research. <i>Frontiers in Marine Science</i> , 2017, 4, .	1.2	10
333	Continental divide: Predicting climate-mediated fragmentation and biodiversity loss in the boreal forest. <i>PLoS ONE</i> , 2017, 12, e0176706.	1.1	30
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338	Unraveling Saproxyllic Insect Interactions in Tree Hollows from Iberian Mediterranean Forest. <i>Environmental Entomology</i> , 2018, 47, 300-308.	0.7	11
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345	Constructing a hybrid species distribution model from standard large-scale distribution data. <i>Ecological Modelling</i> , 2018, 373, 39-52.	1.2	16
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348	Asymmetric biotic interactions and abiotic niche differences revealed by a dynamic joint species distribution model. <i>Ecology</i> , 2018, 99, 1018-1023.	1.5	13
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356	Two-species occupancy modelling accounting for species misidentification and non-detection. <i>Methods in Ecology and Evolution</i> , 2018, 9, 1468-1477.	2.2	15
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360	Rangewide determinants of population performance in <i>Prunus lusitanica</i> : Lessons for the contemporary conservation of a Tertiary relict tree. <i>Acta Oecologica</i> , 2018, 86, 42-48.	0.5	4
361	Species interactions weakly modify climate-induced tree co-occurrence patterns. <i>Journal of Vegetation Science</i> , 2018, 29, 52-61.	1.1	10
362	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
363	Biophysical drivers of fiddler crab species distribution at a latitudinal limit. <i>Estuarine, Coastal and Shelf Science</i> , 2018, 208, 131-139.	0.9	9
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372	Equipped to cope with climate change: traits associated with range filling across European taxa. <i>Ecography</i> , 2018, 41, 770-781.	2.1	17
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376	Disentangling biotic interactions, environmental filters, and dispersal limitation as drivers of species co-occurrence. <i>Ecography</i> , 2018, 41, 1233-1244.	2.1	146
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384	Red squirrels decline in abundance in the boreal forests of Finland and NW Russia. <i>Ecography</i> , 2018, 41, 1370-1379.	2.1	8
385	Lags in the response of mountain plant communities to climate change. <i>Global Change Biology</i> , 2018, 24, 563-579.	4.2	279
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387	Beyond climate control on species range: The importance of soil data to predict distribution of Amazonian plant species. <i>Journal of Biogeography</i> , 2018, 45, 190-200.	1.4	81
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389	Multiresponse algorithms for community-level modelling: Review of theory, applications, and comparison to species distribution models. <i>Methods in Ecology and Evolution</i> , 2018, 9, 834-848.	2.2	39
390	Modelling the niche space of desert annuals needs to include positive interactions. <i>Oikos</i> , 2018, 127, 264-273.	1.2	20
391	Effects of different dispersal patterns on the presence-absence of multiple species. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2018, 56, 115-130.	1.7	21
392	Biomass HotSpot distribution model and spatial interaction of two exploited species of horse mackerel in the south-central Mediterranean Sea. <i>Hydrobiologia</i> , 2018, 821, 135-150.	1.0	4
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394	What Have We Learned? Looking Back and Pressing Forward. , 2018, , 475-487.		0
395	Spatial patterns and drivers of fish and benthic reef communities at São Tomé Island, Tropical Eastern Atlantic. <i>Marine Ecology</i> , 2018, 39, e12520.	0.4	13
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402	Naturalized distributions show that climatic disequilibrium is structured by niche size in pines (<i>Pinus</i> L.). <i>Global Ecology and Biogeography</i> , 2019, 28, 429-441.	2.7	23
403	Effects of biotic interactions on tropical tree performance depend on abiotic conditions. <i>Ecology</i> , 2018, 99, 2740-2750.	1.5	10
404	Pairing camera traps and acoustic recorders to monitor the ecological impact of human disturbance. <i>Global Ecology and Conservation</i> , 2018, 16, e00493.	1.0	34
405	Evaluating collinearity effects on species distribution models: An approach based on virtual species simulation. <i>PLoS ONE</i> , 2018, 13, e0202403.	1.1	204
406	Forecasted homogenization of high Arctic vegetation communities under climate change. <i>Journal of Biogeography</i> , 2018, 45, 2576-2587.	1.4	22
407	Transferability of biotic interactions: Temporal consistency of arctic plant–rodent relationships is poor. <i>Ecology and Evolution</i> , 2018, 8, 9697-9711.	0.8	13
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409	Community structure informs species geographic distributions. <i>PLoS ONE</i> , 2018, 13, e0197877.	1.1	6
410	Empirical Predictability of Community Responses to Climate Change. <i>Frontiers in Ecology and Evolution</i> , 2018, 6, .	1.1	26
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413	Climate change causes upslope shifts and mountaintop extirpations in a tropical bird community. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 11982-11987.	3.3	293
414	Pollination niche availability facilitates colonization of <i>Guettarda speciosa</i> with heteromorphic self-incompatibility on oceanic islands. <i>Scientific Reports</i> , 2018, 8, 13765.	1.6	4
415	Evidence for pitcher trait-mediated coexistence between sympatric <i>Nepenthes</i> pitcher plant species across geographical scales. <i>Plant Ecology and Diversity</i> , 2018, 11, 283-294.	1.0	2
416	Determining the factors that influence the occurrence of Bare-faced Curassows (<i>Crax fasciolata</i>) in Humid Chaco, northern Argentina. <i>Avian Conservation and Ecology</i> , 2018, 13, .	0.3	3
417	Development of an eco-geomorphic modeling framework to evaluate riparian ecosystem response to flow-regime changes. <i>Ecological Engineering</i> , 2018, 123, 112-126.	1.6	17
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420	Divergent effects of land-use, propagule pressure, and climate on woody riparian invasion. <i>Biological Invasions</i> , 2018, 20, 3271-3295.	1.2	9
421	Do soil biota influence the outcome of novel interactions between plant competitors?. <i>Journal of Ecology</i> , 2018, 106, 1853-1863.	1.9	29
422	The role of climate, water and biotic interactions in shaping biodiversity patterns in arid environments across spatial scales. <i>Diversity and Distributions</i> , 2018, 24, 1440-1452.	1.9	22
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425	Influence of biotic interactions on the distribution of Canada lynx (<i>Lynx canadensis</i>) at the southern edge of their range. <i>Journal of Mammalogy</i> , 2018, 99, 760-772.	0.6	23
426	Biotic Interactions Between Saproxylic Insect Species. <i>Zoological Monographs</i> , 2018, , 471-514.	1.1	14
427	Detrimental effects of rhizobial inoculum early in the life of partridge pea, <i>Chamaecrista fasciculata</i> . <i>American Journal of Botany</i> , 2018, 105, 796-802.	0.8	4
428	Insights from modeling studies on how climate change affects invasive alien species geography. <i>Ecology and Evolution</i> , 2018, 8, 5688-5700.	0.8	126
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431	Modelling biotic interactions, dispersal effects and the stability of multi-species community compositions. <i>AIP Conference Proceedings</i> , 2018, , .	0.3	3
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433	Biotic interactions in species distribution modelling: 10 questions to guide interpretation and avoid false conclusions. <i>Global Ecology and Biogeography</i> , 2018, 27, 1004-1016.	2.7	211
434	Patterns of morphological and ecological similarities of small-eared shrews (<i>Soricidae</i> , <i>Cryptotis</i>) in tropical montane cloud forests from Mesoamerica. <i>Systematics and Biodiversity</i> , 2018, 16, 551-564.	0.5	14
435	Life history characteristics may be as important as climate projections for defining range shifts: An example for common tree species in the intermountain western US. <i>Diversity and Distributions</i> , 2018, 24, 1844-1859.	1.9	4
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438	Contribution of local rarity and climatic suitability to local extinction and colonization varies with species traits. <i>Journal of Animal Ecology</i> , 2018, 87, 1560-1572.	1.3	4
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441	The functional decoupling of processes in alpine ecosystems under climate change. <i>Current Opinion in Insect Science</i> , 2018, 29, 126-132.	2.2	13
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445	Novel model coupling approach for resilience analysis of coastal plant communities. <i>Ecological Applications</i> , 2018, 28, 1640-1654.	1.8	6
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451	Climate change increases ecogeographical isolation between closely related plants. <i>Journal of Ecology</i> , 2019, 107, 167-177.	1.9	10
452	A diet rich in C3 plants reveals the sensitivity of an alpine mammal to climate change. <i>Molecular Ecology</i> , 2019, 28, 250-265.	2.0	31
453	The decline of the lanner falcon in Mediterranean landscapes: competition displacement or habitat loss?. <i>Animal Conservation</i> , 2019, 22, 24-34.	1.5	3
454	Global distribution modelling, invasion risk assessment and niche dynamics of <i>Leucanthemum vulgare</i> (Ox-eye Daisy) under climate change. <i>Scientific Reports</i> , 2019, 9, 11395.	1.6	30
455	Towards a predictive framework for biocrust mediation of plant performance: A meta-analysis. <i>Journal of Ecology</i> , 2019, 107, 2789-2807.	1.9	92

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457	Differentiated roles of mean climate and climate stability on post-glacial birch distributions in northern China. <i>Holocene</i> , 2019, 29, 1758-1766.	0.9	4
458	Limitations of Species Distribution Models Based on Available Climate Change Data: A Case Study in the Azorean Forest. <i>Forests</i> , 2019, 10, 575.	0.9	16
459	Scaling the linkage between environmental niches and functional traits for improved spatial predictions of biological communities. <i>Global Ecology and Biogeography</i> , 2019, 28, 1384-1392.	2.7	8
460	Constraints on fruit tracking by birds at the range edge. <i>Journal of Biogeography</i> , 2019, 46, 2289-2298.	1.4	2
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462	Evolutionary relationships among life-history traits in Caninae (Mammalia: Carnivora). <i>Biological Journal of the Linnean Society</i> , 2019, , .	0.7	3
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465	Reconstruction of the historical range alters niche estimates in an endangered rodent. <i>Ecography</i> , 2019, 42, 1742-1751.	2.1	9
466	Abiotic conditions mediate intraguild interactions between mammalian carnivores. <i>Journal of Animal Ecology</i> , 2019, 88, 1305-1318.	1.3	19
467	Species-pair associations, null models, and tests of mechanisms structuring ecological communities. <i>Ecosphere</i> , 2019, 10, e02797.	1.0	19
468	Climatic niche characteristics of native and invasive <i>Lilium lancifolium</i> . <i>Scientific Reports</i> , 2019, 9, 14334.	1.6	20
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470	Maladaptation beyond a geographic range limit driven by antagonistic and mutualistic biotic interactions across an abiotic gradient. <i>Evolution; International Journal of Organic Evolution</i> , 2019, 73, 2044-2059.	1.1	27
471	Research questions to facilitate the future development of European long-term ecosystem research infrastructures: A horizon scanning exercise. <i>Journal of Environmental Management</i> , 2019, 250, 109479.	3.8	13
472	The role of long-distance dispersal and mycorrhizas on plant colonisation within mainland Germany. <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 2019, 258, 151443.	0.6	1
473	A checklist for maximizing reproducibility of ecological niche models. <i>Nature Ecology and Evolution</i> , 2019, 3, 1382-1395.	3.4	134

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475	“TraitSDMs”: species distribution models that account for local adaptation and phenotypic plasticity. <i>New Phytologist</i> , 2019, 222, 1757-1765.	3.5	181
476	Partitioning the effects of regional, spatial, and local variables on beta diversity of salt marsh arthropods in Chile. <i>Ecology and Evolution</i> , 2019, 9, 2575-2587.	0.8	12
477	<sc>SPECIES</sc>: A platform for the exploration of ecological data. <i>Ecology and Evolution</i> , 2019, 9, 1638-1653.	0.8	13
478	Risks of Biological Invasion on the Belt and Road. <i>Current Biology</i> , 2019, 29, 499-505.e4.	1.8	70
479	sPlot “ A new tool for global vegetation analyses. <i>Journal of Vegetation Science</i> , 2019, 30, 161-186.	1.1	185
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517	Why a Book on Paleoenvironmental Reconstruction from Faunal Remains?. , 2019, , 1-11.		0
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523	Taxon-Free Techniques. , 2019, , 155-196.		0
524	Environmental Inferences Based on Taxonomic Diversity. , 2019, , 197-233.		0
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526	Size Clines as Paleoenvironmental Indicators. , 2019, , 266-300.		0
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533	Landbird trends in protected areas using time-event occupancy models. <i>Ecosphere</i> , 2019, 10, e02946.	1.0	6
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552	Bringing Elton and Grinnell together: a quantitative framework to represent the biogeography of ecological interaction networks. <i>Ecography</i> , 2019, 42, 401-415.	2.1	85
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555	Testing species assemblage predictions from stacked and joint species distribution models. <i>Journal of Biogeography</i> , 2020, 47, 101-113.	1.4	88
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561	Ignoring biotic interactions overestimates climate change effects: The potential response of the spotted nutcracker to changes in climate and resource plants. <i>Journal of Biogeography</i> , 2020, 47, 143-154.	1.4	28
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563	How to evaluate community predictions without thresholding?. <i>Methods in Ecology and Evolution</i> , 2020, 11, 51-63.	2.2	12
564	Measuring competitive impact: Joint-species modelling of invaded plant communities. <i>Journal of Ecology</i> , 2020, 108, 449-459.	1.9	13
565	Positive interspecific associations consistent with social information use shape juvenile fish assemblages. <i>Ecology</i> , 2020, 101, e02920.	1.5	19

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573	PC priors for residual correlation parameters in one-factor mixed models. <i>Statistical Methods and Applications</i> , 2020, 29, 745-765.	0.7	3
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576	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
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581	Advances and challenges in modelling the impacts of invasive alien species on aquatic ecosystems. <i>Biological Invasions</i> , 2020, 22, 907-934.	1.2	26
582	Seed dispersal potential of jackals and foxes in semi-arid habitats of South Africa. <i>Journal of Arid Environments</i> , 2020, 183, 104284.	1.2	6
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586	Biotic interactions govern the distribution of coexisting ungulates in the Arctic Archipelago – A case for conservation planning. <i>Global Ecology and Conservation</i> , 2020, 24, e01239.	1.0	13
587	The challenge of novel abiotic conditions for species undergoing climate-induced range shifts. <i>Ecography</i> , 2020, 43, 1571-1590.	2.1	82
588	Global distribution and conservation status of ecologically rare mammal and bird species. <i>Nature Communications</i> , 2020, 11, 5071.	5.8	61
589	Climate extremes may be more important than climate means when predicting species range shifts. <i>Climatic Change</i> , 2020, 163, 579-598.	1.7	34
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593	Sloth Bear (<i>Ursus ursinus</i>). , 2020, , 99-109.		0
594	Human-Bear Conflicts at the Beginning of the Twenty-First Century: Patterns, Determinants, and Mitigation Measures. , 2020, , 213-226.		8
595	Principles of Human-Bear Conflict Management in Challenging Environments. , 2020, , 227-238.		0
596	Patterns of Bear Attacks on Humans, Factors Triggering Risky Scenarios, and How to Reduce Them. , 2020, , 239-249.		1
597	The Challenge of Brown Bear Management in Hokkaido, Japan. , 2020, , 349-355.		1
598	Human Dimensions of Asiatic Black Bear Conflicts and Management in Japan. , 2020, , 370-378.		0
600	Conservation and Management of Bears. , 2020, , 273-302.		0
601	Ecological and Social Dimensions of Sloth Bear Conservation in Sri Lanka. , 2020, , 379-386.		0
602	Bioclimatic Modelling Identifies Suitable Habitat for the Establishment of the Invasive European Paper Wasp (Hymenoptera: Vespidae) across the Southern Hemisphere. <i>Insects</i> , 2020, 11, 784.	1.0	10

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604	A cross-scale framework to support a mechanistic understanding and modelling of marine climate-driven species redistribution, from individuals to communities. <i>Ecography</i> , 2020, 43, 1764-1778.	2.1	22
605	The effects of abiotic and biotic factors on taxonomic and phylogenetic diversity of stream epilithic bacteria around Qiandao Lake. <i>Aquatic Sciences</i> , 2020, 82, 1.	0.6	4
606	Climate change shifts the distribution of vegetation types in South Brazilian hotspots. <i>Regional Environmental Change</i> , 2020, 20, 1.	1.4	15
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608	Can landscape heterogeneity promote carnivore coexistence in human-dominated landscapes?. <i>Landscape Ecology</i> , 2020, 35, 2013-2027.	1.9	19
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610	Ecological niche models display nonlinear relationships with abundance and demographic performance across the latitudinal distribution of <i>Astragalus utahensis</i> (Fabaceae). <i>Ecology and Evolution</i> , 2020, 10, 8251-8264.	0.8	10
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612	Predictive ability of a process-based versus a correlative species distribution model. <i>Ecology and Evolution</i> , 2020, 10, 11043-11054.	0.8	23
613	Modelling the combined influences of predation and environment on biodiversity of species. <i>AIP Conference Proceedings</i> , 2020, .	0.3	2
614	Aquatic Insects and Benthic Diatoms: A History of Biotic Relationships in Freshwater Ecosystems. <i>Water (Switzerland)</i> , 2020, 12, 2934.	1.2	11
615	Optimizing biodiversity informatics to improve information flow, data quality, and utility for science and society. <i>Frontiers of Biogeography</i> , 2020, 12, .	0.8	22
616	Histoecology: Applying Ecological Principles and Approaches to Describe and Predict Tumor Ecosystem Dynamics Across Space and Time. <i>Cancer Control</i> , 2020, 27, 107327482094680.	0.7	9
617	Biotic rescaling reveals importance of species interactions for variation in biodiversity responses to climate change. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 22858-22865.	3.3	42
618	Climate and vegetation structure shape ant communities along elevational gradients on the Colorado Plateau. <i>Ecology and Evolution</i> , 2020, 10, 8313-8322.	0.8	13
619	Disentangling drivers of spatial autocorrelation in species distribution models. <i>Ecography</i> , 2020, 43, 1741-1751.	2.1	13
620	Data collected by fruit body- and DNA-based survey methods yield consistent species-species association networks in wood-inhabiting fungal communities. <i>Oikos</i> , 2020, 129, 1833-1843.	1.2	8

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623	Resource-driven colonization by cod in a high Arctic food web. <i>Ecology and Evolution</i> , 2020, 10, 14272-14281.	0.8	10
624	Giant Panda (<i>Ailuropoda melanoleuca</i>). , 2020, , 63-77.		1
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628	Historical Development of Community Ecology. , 2020, , 3-18.		0
629	Typical Data Collected by Community Ecologists. , 2020, , 19-29.		0
630	Typical Statistical Methods Applied by Community Ecologists. , 2020, , 30-38.		0
631	Single-Species Distribution Modelling. , 2020, , 53-103.		1
632	Joint Species Distribution Modelling. , 2020, , 104-141.		0
633	Evaluating Model Fit and Selecting among Multiple Models. , 2020, , 217-252.		0
635	Linking HMSC Back to Community Assembly Processes. , 2020, , 255-299.		0
636	Illustration of HMSC Analyses. , 2020, , 300-336.		0
639	Investigating the role of environment in pika (<i>Ochotona</i>) body size patterns across taxonomic levels, space, and time. <i>Journal of Mammalogy</i> , 2020, 101, 804-816.	0.6	4
640	Co-occurrence is not evidence of ecological interactions. <i>Ecology Letters</i> , 2020, 23, 1050-1063.	3.0	427
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644	What and where? Predicting invasion hotspots in the Arctic marine realm. <i>Global Change Biology</i> , 2020, 26, 4752-4771.	4.2	38
645	Agricultural adapters from the vineyard landscape impact native oak woodland birds. <i>Agriculture, Ecosystems and Environment</i> , 2020, 300, 106960.	2.5	8
646	Where and why? Bees, snail shells and climate: Distribution of <i>Rhodanthidium</i> (Hymenoptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 582	0.3	2
647	The Tropical Seagrass <i>Halophila stipulacea</i> : Reviewing What We Know From Its Native and Invasive Habitats, Alongside Identifying Knowledge Gaps. <i>Frontiers in Marine Science</i> , 2020, 7, .	1.2	62
648	TETRAâ€™EU 1.0: A speciesâ€™level trophic metaweb of European tetrapods. <i>Global Ecology and Biogeography</i> , 2020, 29, 1452-1457.	2.7	26
649	Experimental assessment of biotic and abiotic filters driving community composition. <i>Ecology and Evolution</i> , 2020, 10, 7364-7376.	0.8	6
650	Distribution and conservation of species is misestimated if biotic interactions are ignored: the case of the orchid <i>Laelia speciosa</i> . <i>Scientific Reports</i> , 2020, 10, 9542.	1.6	18
651	Managing invasive plants on Great Plains grasslands: A discussion of current challenges. <i>Rangeland Ecology and Management</i> , 2021, 78, 235-249.	1.1	27
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653	Competitive dominance in plant communities: Modeling approaches and theoretical predictions. <i>Journal of Theoretical Biology</i> , 2020, 502, 110349.	0.8	4
654	Context dependency of biotic interactions and its relation to plant rarity. <i>Diversity and Distributions</i> , 2020, 26, 758-768.	1.9	11
655	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
656	Animal invaders threaten protected areas worldwide. <i>Nature Communications</i> , 2020, 11, 2892.	5.8	59
657	Combining geostatistical and biotic interaction model to predict amphibian refuges under crayfish invasion across dendritic stream networks. <i>Diversity and Distributions</i> , 2020, 26, 699-714.	1.9	4
658	Predators, fire or resources: What drives the distribution of herbivores in fragmented mesic forests?. <i>Austral Ecology</i> , 2020, 45, 329-339.	0.7	3
659	Modelling risks posed by wind turbines and power lines to soaring birds: the black stork (<i>Ciconia</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 1.2 64	1.2	64

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661	Vulnerability to predation may affect species distribution: plovers with broader arctic breeding range nest in safer habitat. <i>Scientific Reports</i> , 2020, 10, 5032.	1.6	12
662	Comparing multi- and single-scale species distribution and abundance models built with the boosted regression tree algorithm. <i>Landscape Ecology</i> , 2020, 35, 1161-1174.	1.9	19
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669	Using Species Distribution Models For Fungi. <i>Fungal Biology Reviews</i> , 2020, 34, 74-88.	1.9	31
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674	Positive biotic interactions in freshwaters: A review and research directive. <i>Freshwater Biology</i> , 2020, 65, 811-832.	1.2	45
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694	Drivers of distributions and niches of North American cold-adapted amphibians: evaluating both climate and land use. <i>Ecological Applications</i> , 2021, 31, e2236.	1.8	14
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698	Niche dynamics in amphitropical desert disjunct plants: Seeking for ecological and species-specific influences. <i>Global Ecology and Biogeography</i> , 2021, 30, 370-383.	2.7	7
699	Widespread underfilling of the potential ranges of North American trees. <i>Journal of Biogeography</i> , 2021, 48, 359-371.	1.4	29
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701	Distribution and ecological traits of a rare and threatened fungus <i>Hericium flagellum</i> in Poland with the prediction of its potential occurrence in Europe. <i>Fungal Ecology</i> , 2021, 50, 101035.	0.7	5
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704	How can social-ecological system models simulate the emergence of social-ecological crises?. <i>People and Nature</i> , 2021, 3, 88-103.	1.7	9
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741	Predicting fish community responses to environmental policy targets. <i>Biodiversity and Conservation</i> , 2021, 30, 1457-1478.	1.2	7
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743	Prey availability modulates predicted range contraction of two large felids in response to changing climate. <i>Biological Conservation</i> , 2021, 255, 109018.	1.9	23
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746	Does trait-based joint species distribution modelling reveal the signature of competition in stream macroinvertebrate communities?. <i>Journal of Animal Ecology</i> , 2021, 90, 1276-1287.	1.3	11
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748	Overlap of Ecological Niche Breadth of <i>Euglossa cordata</i> and <i>Eulaema nigrita</i> (Hymenoptera, Apidae). <i>Journal of Biogeography</i> , 2021, 50, 197-207.	0.5	8
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754	Temperature and Prey Species Richness Drive the Broad-Scale Distribution of a Generalist Predator. <i>Diversity</i> , 2021, 13, 169.	0.7	2
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759	Influence of water temperature and biotic interactions on the distribution of westslope cutthroat trout (<i>Oncorhynchus clarkii lewisi</i>) in a population stronghold under climate change. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2021, 78, 444-456.	0.7	4
761	Modelling the Distribution of the Red Macroalgae <i>Asparagopsis</i> to Support Sustainable Aquaculture Development. <i>AgriEngineering</i> , 2021, 3, 251-265.	1.7	4
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773	Variable strength of predator-mediated effects on species occurrence in an arctic terrestrial vertebrate community. <i>Ecography</i> , 2021, 44, 1236-1248.	2.1	11
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775	The influence of climate and palaeoclimate on distributions of global conifer clades depends on geographical range size. <i>Journal of Biogeography</i> , 2021, 48, 2286-2297.	1.4	9
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781	The Role of Monk Parakeets as Nest-Site Facilitators in Their Native and Invaded Areas. <i>Biology</i> , 2021, 10, 683.	1.3	15
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783	Anthropogenic factors overrule local abiotic variables in determining non-native plant invasions in mountains. <i>Biological Invasions</i> , 2021, 23, 3671-3686.	1.2	15
784	Predicting climate change impacts on potential worldwide distribution of fall armyworm based on CMIP6 projections. <i>Journal of Pest Science</i> , 2022, 95, 841-854.	1.9	34
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792	Increasing reality of species distribution models of consumers by including its food resources. <i>Neotropical Biology and Conservation</i> , 2021, 16, 411-425.	0.4	2
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794	Geographical fine-scaled distributional differentiation caused by niche differentiation in three closely related mayflies. <i>Limnology</i> , 2022, 23, 89-101.	0.8	8
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799	A new joint species distribution model for faster and more accurate inference of species associations from big community data. <i>Methods in Ecology and Evolution</i> , 2021, 12, 2159-2173.	2.2	27
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803	Fishery species co-occurrence patterns in the bohai sea, China. <i>Regional Studies in Marine Science</i> , 2021, , 102015.	0.4	0
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807	Habitat connectivity for endangered Indochinese tigers in Thailand. <i>Global Ecology and Conservation</i> , 2021, 29, e01718.	1.0	11
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812	Environmental drivers of plant distributions at global and regional scales. <i>Global Ecology and Biogeography</i> , 2021, 30, 697-709.	2.7	36
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815	Improving area of occupancy estimates for parapatric species using distribution models and support vector machines. <i>Ecological Applications</i> , 2021, 31, e02228.	1.8	18
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819	Numerical Bifurcation and Stability Analyses of Partial Differential Equations with Applications to Competitive System in Ecology. <i>Springer Proceedings in Mathematics and Statistics</i> , 2019, , 117-132.	0.1	4
820	Phylogenetic and phenotypic filtering in hummingbirds from urban environments in Central Mexico. <i>Evolutionary Ecology</i> , 2020, 34, 525-541.	0.5	10
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