

# Understanding co-occurrence by modelling species site Distribution Model (<scp>JSDM</scp>)

Methods in Ecology and Evolution

5, 397-406

DOI: [10.1111/2041-210x.12180](https://doi.org/10.1111/2041-210x.12180)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Visualization of species pairwise associations: a case study of surrogacy in bird assemblages. <i>Ecology and Evolution</i> , 2014, 4, 3279-3289.	0.8	18
2	Identifying biotic interactions which drive the spatial distribution of a mosquito community. <i>Parasites and Vectors</i> , 2015, 8, 367.	1.0	35
3	Multi-species distribution modeling using penalized mixture of regressions. <i>Annals of Applied Statistics</i> , 2015, 9, .	0.5	20
4	Fine-scale hydrological niche differentiation through the lens of multi-species co-occurrence models. <i>Journal of Ecology</i> , 2015, 103, 1264-1275.	1.9	47
5	Shallow environmental gradients put inland species at risk: Insights and implications from predicting future distributions of <i>Eucalyptus</i> species in South Western Australia. <i>Austral Ecology</i> , 2015, 40, 923-932.	0.7	11
6	Tracking the distribution and impacts of diseases with biological records and distribution modelling. <i>Biological Journal of the Linnean Society</i> , 2015, 115, 664-677.	0.7	36
7	Estimating the Effects of Habitat and Biological Interactions in an Avian Community. <i>PLoS ONE</i> , 2015, 10, e0135987.	1.1	36
8	Analyzing plant cover class data quantitatively: Customized zero-inflated cumulative beta distributions show promising results. <i>Ecological Informatics</i> , 2015, 26, 18-26.	2.3	22
9	Spatial factor analysis: a new tool for estimating joint species distributions and correlations in species range. <i>Methods in Ecology and Evolution</i> , 2015, 6, 627-637.	2.2	135
10	Generating realistic assemblages with a joint species distribution model. <i>Methods in Ecology and Evolution</i> , 2015, 6, 465-473.	2.2	122
11	Complex relationships between species niches and environmental heterogeneity affect species co-occurrence patterns in modelled and real communities. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20150927.	1.2	47
12	Shared resources between giant panda and sympatric wild and domestic mammals. <i>Biological Conservation</i> , 2015, 186, 319-325.	1.9	76
13	Modelling both dominance and species distribution provides a more complete picture of changes to mangrove ecosystems under climate change. <i>Global Change Biology</i> , 2015, 21, 3005-3020.	4.2	27
14	Indirect gradient analysis by Markov-chain Monte Carlo. <i>Plant Ecology</i> , 2015, 216, 697-708.	0.7	7
15	So Many Variables: Joint Modeling in Community Ecology. <i>Trends in Ecology and Evolution</i> , 2015, 30, 766-779.	4.2	607
16	From species distributions to meta-communities. <i>Ecology Letters</i> , 2015, 18, 1321-1328.	3.0	92
17	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
18	The Roles of Ecological and Evolutionary Processes in Plant Community Assembly: The Environment, Hybridization, and Introgression Influence Co-occurrence of <i>Eucalyptus</i> . <i>American Naturalist</i> , 2015, 185, 784-796.	1.0	28

#	ARTICLE	IF	CITATIONS
19	Uses of Innovative Modeling Tools within the Implementation of the Marine Strategy Framework Directive. <i>Frontiers in Marine Science</i> , 2016, 3, .	1.2	32
20	Joint dynamic species distribution models: a tool for community ordination and spatio-temporal monitoring. <i>Global Ecology and Biogeography</i> , 2016, 25, 1144-1158.	2.7	148
21	Fast and flexible Bayesian species distribution modelling using Gaussian processes. <i>Methods in Ecology and Evolution</i> , 2016, 7, 598-608.	2.2	87
22	Modelling the influence of biotic factors on species distribution patterns. <i>Ecological Modelling</i> , 2016, 337, 96-106.	1.2	60
23	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
24	Using latent variable models to identify large networks of species-species associations at different spatial scales. <i>Methods in Ecology and Evolution</i> , 2016, 7, 549-555.	2.2	161
25	On the integration of biotic interaction and environmental constraints at the biogeographical scale. <i>Ecography</i> , 2016, 39, 921-931.	2.1	33
26	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
27	Introduced predators and habitat structure influence range contraction of an endangered native predator, the northern quoll. <i>Biological Conservation</i> , 2016, 203, 160-167.	1.9	43
28	Inferring species interactions from occurrence data with Markov networks. <i>Ecology</i> , 2016, 97, 3308-3314.	1.5	85
29	The influence of climate on species distribution over time and space during the late Quaternary. <i>Quaternary Science Reviews</i> , 2016, 149, 188-199.	1.4	16
30	Co-infections and environmental conditions drive the distributions of blood parasites in wild birds. <i>Journal of Animal Ecology</i> , 2016, 85, 1461-1470.	1.3	73
31	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
32	The limits of direct community modeling approaches for broad-scale predictions of ecological assemblage structure. <i>Biological Conservation</i> , 2016, 201, 396-404.	1.9	6
33	Elephants in the understory: opposing direct and indirect effects of consumption and ecosystem engineering by megaherbivores. <i>Ecology</i> , 2016, 97, 3219-3230.	1.5	72
34	When Climate Reshuffles Competitors: A Call for Experimental Macroecology. <i>Trends in Ecology and Evolution</i> , 2016, 31, 831-841.	4.2	132
35	<i>Plateau</i>: a new method for ecologically plausible climate envelopes for species distribution modelling. <i>Methods in Ecology and Evolution</i> , 2016, 7, 1489-1502.	2.2	13
36	A multispecies occupancy model for two or more interacting species. <i>Methods in Ecology and Evolution</i> , 2016, 7, 1164-1173.	2.2	150

#	ARTICLE	IF	CITATIONS
37	Identifying multispecies synchrony in response to environmental covariates. <i>Ecology and Evolution</i> , 2016, 6, 8515-8525.	0.8	13
38	Niche partitioning among sexual and unisexual <i>Ambystoma</i> salamanders. <i>Ecosphere</i> , 2016, 7, e01579.	1.0	15
39	Effects of functional traits on the prediction accuracy of species richness models. <i>Diversity and Distributions</i> , 2016, 22, 905-917.	1.9	13
40	A network approach for inferring species associations from co-occurrence data. <i>Ecography</i> , 2016, 39, 1139-1150.	2.1	96
41	Shared environmental responses drive co-occurrence patterns in river bird communities. <i>Ecography</i> , 2016, 39, 733-742.	2.1	23
42	“ <i>boral</i> ” Bayesian Ordination and Regression Analysis of Multivariate Abundance Data in <i>scpr</i> . <i>Methods in Ecology and Evolution</i> , 2016, 7, 744-750.	2.2	226
44	A theory for species co-occurrence in interaction networks. <i>Theoretical Ecology</i> , 2016, 9, 39-48.	0.4	83
45	Using spatio-temporal models of population growth and movement to monitor overlap between human impacts and fish populations. <i>Journal of Applied Ecology</i> , 2017, 54, 577-587.	1.9	22
46	Modelling of species distributions, range dynamics and communities under imperfect detection: advances, challenges and opportunities. <i>Ecography</i> , 2017, 40, 281-295.	2.1	296
47	Joint species models reveal the effects of environment on community assemblage of freshwater mussels and fishes in European rivers. <i>Diversity and Distributions</i> , 2017, 23, 284-296.	1.9	33
48	Urbanization may limit impacts of an invasive predator on native mammal diversity. <i>Diversity and Distributions</i> , 2017, 23, 355-367.	1.9	27
49	Bayesian Modeling and Analysis of Geostatistical Data. <i>Annual Review of Statistics and Its Application</i> , 2017, 4, 245-266.	4.1	34
50	Integrating demography, dispersal and interspecific interactions into bird distribution models. <i>Journal of Avian Biology</i> , 2017, 48, 1505-1516.	0.6	40
51	Using joint species distribution models for evaluating how species-species associations depend on the environmental context. <i>Methods in Ecology and Evolution</i> , 2017, 8, 443-452.	2.2	132
52	Technical advances at the interface between ecology and statistics: improving the biodiversity knowledge generation workflow. <i>Methods in Ecology and Evolution</i> , 2017, 8, 396-397.	2.2	3
53	Colonization potential of an endangered riparian shrub species. <i>Biodiversity and Conservation</i> , 2017, 26, 2099-2114.	1.2	10
54	Managing biodiversity under climate change: challenges, frameworks, and tools for adaptation. <i>Biodiversity and Conservation</i> , 2017, 26, 2277-2293.	1.2	38
55	Integrating Biogeography with Contemporary Niche Theory. <i>Trends in Ecology and Evolution</i> , 2017, 32, 488-499.	4.2	102

#	ARTICLE	IF	CITATIONS
56	Space oddity: The mission for spatial integration. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2017, 74, 1698-1716.	0.7	62
57	Climate change decouples marine and freshwater habitats of a threatened migratory fish. <i>Diversity and Distributions</i> , 2017, 23, 751-760.	1.9	13
58	Biodiversity Models: What If Unsaturation Is the Rule?. <i>Trends in Ecology and Evolution</i> , 2017, 32, 556-566.	4.2	71
59	Combining phylogeny and co-occurrence to improve single species distribution models. <i>Global Ecology and Biogeography</i> , 2017, 26, 740-752.	2.7	33
60	Species partitioning in a temperate mountain chain: Segregation by habitat vs. interspecific competition. <i>Ecology and Evolution</i> , 2017, 7, 2685-2696.	0.8	21
61	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
62	Integrating multiple data sources in species distribution modeling: a framework for data fusion*. <i>Ecology</i> , 2017, 98, 840-850.	1.5	183
63	Taxonomic and functional turnover are decoupled in European peat bogs. <i>Nature Communications</i> , 2017, 8, 1161.	5.8	73
64	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
65	Fit to predict? Ecoinformatics for predicting the catchability of a pelagic fish in near real time. <i>Ecological Applications</i> , 2017, 27, 2313-2329.	1.8	53
66	Joint Species Distribution Modeling: Dimension Reduction Using Dirichlet Processes. <i>Bayesian Analysis</i> , 2017, 12, .	1.6	30
67	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
68	Does the jack of all trades fare best? Survival and niche width in Late Pleistocene megafauna. <i>Journal of Biogeography</i> , 2017, 44, 2828-2838.	1.4	28
69	Predicting Distributions of Invasive Species. , 2017, , 93-129.		33
70	Ecological Network Inference From Long-Term Presence-Absence Data. <i>Scientific Reports</i> , 2017, 7, 7154.	1.6	50
72	Toward an improved conceptual understanding of North American tree species distributions. <i>Ecosphere</i> , 2017, 8, e01853.	1.0	20
73	Incorporating Context Dependency of Species Interactions in Species Distribution Models. <i>Integrative and Comparative Biology</i> , 2017, 57, 159-167.	0.9	12
74	<scp>ssdm</scp>: An <scp>r</scp> package to predict distribution of species richness and composition based on stacked species distribution models. <i>Methods in Ecology and Evolution</i> , 2017, 8, 1795-1803.	2.2	129

#	ARTICLE	IF	CITATIONS
75	Balancing generality and specificity in ecological gradient analysis with species abundance distributions and individual size distributions. <i>Global Ecology and Biogeography</i> , 2017, 26, 318-332.	2.7	9
76	Generalized joint attribute modeling for biodiversity analysis: median-zero, multivariate, multifarious data. <i>Ecological Monographs</i> , 2017, 87, 34-56.	2.4	195
77	The community ecology of invasive species: where are we and what's next?. <i>Ecography</i> , 2017, 40, 335-352.	2.1	154
78	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
79	Favourable areas for co-occurrence of parapatric species: niche conservatism and niche divergence in Iberian tree frogs and midwife toads. <i>Journal of Biogeography</i> , 2017, 44, 88-98.	1.4	21
80	Structural uncertainty in models projecting the consequences of habitat loss and fragmentation on biodiversity. <i>Ecography</i> , 2017, 40, 36-47.	2.1	16
81	Linking trait variation to the environment: critical issues with community-weighted mean correlation resolved by the fourth-corner approach. <i>Ecography</i> , 2017, 40, 806-816.	2.1	124
82	Non-stationarity in the co-occurrence patterns of species across environmental gradients. <i>Journal of Ecology</i> , 2017, 105, 391-399.	1.9	24
83	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
84	Spatial phylogenetics of the native California flora. <i>BMC Biology</i> , 2017, 15, 96.	1.7	104
85	Species Distribution Modeling $\hat{t}$ . , 2017, , .		12
86	Tree diversity patterns along the latitudinal gradient in the northwestern Russia. <i>Forest Ecosystems</i> , 2017, 4, .	1.3	7
87	Do joint species distribution models reliably detect interspecific interactions from co-occurrence data in homogenous environments?. <i>Ecography</i> , 2018, 41, 1812-1819.	2.1	105
88	Species distribution modeling: a statistical review with focus in spatio-temporal issues. <i>Stochastic Environmental Research and Risk Assessment</i> , 2018, 32, 3227-3244.	1.9	71
89	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
90	A trait-based framework for discerning drivers of species co-occurrence across heterogeneous landscapes. <i>Ecography</i> , 2018, 41, 1921-1933.	2.1	40
91	Do priority effects outweigh environmental filtering in a guild of dominant freshwater macroinvertebrates?. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20180205.	1.2	27
92	Fundamental contradictions among observational and experimental estimates of non-trophic species interactions. <i>Ecology</i> , 2018, 99, 557-566.	1.5	89

#	ARTICLE	IF	CITATIONS
93	Comparing the prediction of joint species distribution models with respect to characteristics of sampling data. <i>Ecography</i> , 2018, 41, 1876-1887.	2.1	30
94	Species interactions weakly modify climate-induced tree co-occurrence patterns. <i>Journal of Vegetation Science</i> , 2018, 29, 52-61.	1.1	10
95	Occupancy in Community-Level Studies. , 2018, , 557-583.		7
97	Through the jungle of methods quantifying multiple-site resemblance. <i>Ecological Informatics</i> , 2018, 44, 1-6.	2.3	2
98	Predictive modelling of chromium removal using multiple linear and nonlinear regression with special emphasis on operating parameters of bioelectrochemical reactor. <i>Journal of Bioscience and Bioengineering</i> , 2018, 126, 205-212.	1.1	6
99	Trait-dependent distributional shifts in fruiting of common British fungi. <i>Ecography</i> , 2018, 41, 51-61.	2.1	19
100	Disentangling biotic interactions, environmental filters, and dispersal limitation as drivers of species co-occurrence. <i>Ecography</i> , 2018, 41, 1233-1244.	2.1	146
101	Joint species distribution modelling for spatio-temporal occurrence and ordinal abundance data. <i>Global Ecology and Biogeography</i> , 2018, 27, 142-155.	2.7	33
102	Empirically-based modeling and mapping to consider the co-occurrence of ecological receptors and stressors. <i>Science of the Total Environment</i> , 2018, 613-614, 1228-1239.	3.9	1
103	Integrating correlation between traits improves spatial predictions of plant functional composition. <i>Oikos</i> , 2018, 127, 472-481.	1.2	19
104	Adapting systematic conservation planning for climate change. <i>Biodiversity and Conservation</i> , 2018, 27, 1-29.	1.2	109
105	Identifying spatially and temporally transferrable surrogate measures of species richness. <i>Ecological Indicators</i> , 2018, 84, 470-478.	2.6	8
106	Assessing the joint behaviour of species traits as filtered by environment. <i>Methods in Ecology and Evolution</i> , 2018, 9, 716-727.	2.2	10
107	Comparing species interaction networks along environmental gradients. <i>Biological Reviews</i> , 2018, 93, 785-800.	4.7	203
108	Hypervolume concepts in niche- and trait-based ecology. <i>Ecography</i> , 2018, 41, 1441-1455.	2.1	223
109	Spatial and temporal patterns of covariation in productivity of Chinook salmon populations of the northeastern Pacific Ocean. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2018, 75, 1082-1095.	0.7	30
110	Combining point-process and landscape vegetation models to predict large herbivore distributions in space and time—A case study of <i>Rupicapra rupicapra</i> . <i>Diversity and Distributions</i> , 2018, 24, 352-362.	1.9	19
111	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

#	ARTICLE	IF	CITATIONS
112	Modelling the niche space of desert annuals needs to include positive interactions. <i>Oikos</i> , 2018, 127, 264-273.	1.2	20
113	Calling-Site Preferences of Three Co-occurring Endangered Frog Species on Amami-Oshima Island. <i>Herpetologica</i> , 2018, 74, 199-206.	0.2	5
114	Spatially Structured Communities. , 2018, , 419-474.		1
115	Sympatry or syntopy? Investigating drivers of distribution and co-occurrence for two imperiled sea turtle species in Gulf of Mexico neritic waters. <i>Ecology and Evolution</i> , 2018, 8, 12656-12669.	0.8	29
116	Negative biotic interactions drive predictions of distributions for species from a grassland community. <i>Biology Letters</i> , 2018, 14, 20180426.	1.0	8
117	Community structure informs species geographic distributions. <i>PLoS ONE</i> , 2018, 13, e0197877.	1.1	6
118	Better late than never: a synthesis of strategic land retirement and restoration in California. <i>Ecosphere</i> , 2018, 9, e02367.	1.0	17
119	Species persistence under climate change: a geographical scale coexistence problem. <i>Ecology Letters</i> , 2018, 21, 1589-1603.	3.0	31
120	Functional traits modulate the response of alien plants along abiotic and biotic gradients. <i>Global Ecology and Biogeography</i> , 2018, 27, 1173-1185.	2.7	32
121	Hybrid datasets: integrating observations with experiments in the era of macroecology and big data. <i>Ecology</i> , 2018, 99, 2654-2666.	1.5	18
122	Estimating the population size of lemurs based on their mutualistic food trees. <i>Journal of Biogeography</i> , 2018, 45, 2546-2563.	1.4	10
123	Uncovering the drivers of host-associated microbiota with joint species distribution modelling. <i>Molecular Ecology</i> , 2018, 27, 2714-2724.	2.0	36
124	Combining nutrient, productivity, and landscape-based regressions improves predictions of lake nutrients and provides insight into nutrient coupling at macroscales. <i>Limnology and Oceanography</i> , 2018, 63, 2372-2383.	1.6	11
125	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
126	Population persistence in the face of climate change and competition: A battle on two fronts. <i>Ecological Modelling</i> , 2018, 385, 78-88.	1.2	32
127	Joint Temporal Point Pattern Models for Proximate Species Occurrence in a Fixed Area Using Camera Trap Data. <i>Journal of Agricultural, Biological, and Environmental Statistics</i> , 2018, 23, 334-357.	0.7	5
128	Tree species co-occurrence patterns change across grains: insights from a subtropical forest. <i>Ecosphere</i> , 2018, 9, e02213.	1.0	10
129	Processes structuring amphibian assemblages along a subtropical arid gradient. <i>Acta Oecologica</i> , 2018, 91, 43-49.	0.5	3



#	ARTICLE	IF	CITATIONS
130	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
131	Integration of ground survey and remote sensing derived data: Producing robust indicators of habitat extent and condition. <i>Ecology and Evolution</i> , 2019, 9, 8104-8112.	0.8	10
132	From individual to joint species distribution models: A comparison of model complexity and predictive performance. <i>Journal of Biogeography</i> , 2019, 46, 2260-2274.	1.4	18
133	How to predict biodiversity in space? An evaluation of modelling approaches in marine ecosystems. <i>Diversity and Distributions</i> , 2019, 25, 1697-1708.	1.9	12
134	Identifying main interactions in marine predatorâ€“prey networks of the Bay of Biscay. <i>ICES Journal of Marine Science</i> , 2019, 76, 2247-2259.	1.2	20
135	Predictive Ecosystem Mapping of South-Eastern Australian Temperate Forests Using Lidar-Derived Structural Profiles and Species Distribution Models. <i>Remote Sensing</i> , 2019, 11, 93.	1.8	14
136	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
137	Testing the link between species interactions and species coâ€“occurrence in a trophic network. <i>Ecography</i> , 2019, 42, 1658-1670.	2.1	43
138	Vegetation mapping to support greater sageâ€“grouse habitat monitoring and management: multiâ€“or univariate approach?. <i>Ecosphere</i> , 2019, 10, e02838.	1.0	12
139	gllvm: Fast analysis of multivariate abundance data with generalized linear latent variable models in <sc>r</sc>. <i>Methods in Ecology and Evolution</i> , 2019, 10, 2173-2182.	2.2	88
140	Spatioâ€“temporal models of intermediate complexity for ecosystem assessments: A new tool for spatial fisheries management. <i>Fish and Fisheries</i> , 2019, 20, 1083-1099.	2.7	22
141	Untangling the dynamics of persistence and colonization in microbial communities. <i>ISME Journal</i> , 2019, 13, 2998-3010.	4.4	3
142	Iterative Models for Early Detection of Invasive Species across Spread Pathways. <i>Forests</i> , 2019, 10, 108.	0.9	17
143	Knowing your limits: estimating range boundaries and coâ€“occurrence zones for two competing plethodontid salamanders. <i>Ecosphere</i> , 2019, 10, e02727.	1.0	7
144	Predicting marine species distributions: Complementarity of food-web and Bayesian hierarchical modelling approaches. <i>Ecological Modelling</i> , 2019, 405, 86-101.	1.2	46
145	Unmasking structural patterns in incidence matrices: an application to ecological data. <i>Journal of the Royal Society Interface</i> , 2019, 16, 20180747.	1.5	4
146	Joint species distribution models with species correlations and imperfect detection. <i>Ecology</i> , 2019, 100, e02754.	1.5	94
147	Spatial optimizations of multiple plant species for ecological restoration of the mountainous areas of North China. <i>Environmental Earth Sciences</i> , 2019, 78, 1.	1.3	5

#	ARTICLE	IF	CITATIONS
148	A comprehensive evaluation of predictive performance of 33 species distribution models at species and community levels. <i>Ecological Monographs</i> , 2019, 89, e01370.	2.4	290
149	Understanding ecological change across large spatial, temporal and taxonomic scales: integrating data and methods in light of theory. <i>Ecography</i> , 2019, 42, 1247-1266.	2.1	38
150	Environmental filtering governs the spatial distribution of alien fishes in a large, human-impacted Mediterranean river. <i>Diversity and Distributions</i> , 2019, 25, 701-714.	1.9	28
151	Disentangling the processes driving tree community assembly in a tropical biodiversity hotspot (New) Tj ETQq1 1 0,784314 rgBT /Overle	1.4	4
152	Modeling competition, niche, and coexistence between an invasive and a native species in a two-species metapopulation. <i>Ecology</i> , 2019, 100, e02700.	1.5	18
153	Essential biodiversity variables for mapping and monitoring species populations. <i>Nature Ecology and Evolution</i> , 2019, 3, 539-551.	3.4	283
154	A pathway for multivariate analysis of ecological communities using copulas. <i>Ecology and Evolution</i> , 2019, 9, 3276-3294.	0.8	28
155	Assessing effects of genetic, environmental, and biotic gradients in species distribution modelling. <i>ICES Journal of Marine Science</i> , 2019, 76, 1762-1775.	1.2	16
156	What's hot in conservation biogeography in a changing climate? Going beyond species range dynamics. <i>Diversity and Distributions</i> , 2019, 25, 492-498.	1.9	16
157	The recent past and promising future for data integration methods to estimate species' distributions. <i>Methods in Ecology and Evolution</i> , 2019, 10, 22-37.	2.2	148
158	Estimating effects of arable land use intensity on farmland birds using joint species modeling. <i>Ecological Applications</i> , 2019, 29, e01875.	1.8	17
159	Integrating experimental and distribution data to predict future species patterns. <i>Scientific Reports</i> , 2019, 9, 1821.	1.6	51
160	Multi label learning approaches for multi species avifaunal occurrence modelling: a case study of south eastern Tamil Nadu. <i>International Journal of Business Intelligence and Data Mining</i> , 2019, 15, 449.	0.2	2
161	Presence-Only Geographical Priors for Fine-Grained Image Classification. , 2019, , .		44
162	The effect of local species composition on the distribution of an avian invader. <i>Scientific Reports</i> , 2019, 9, 15861.	1.6	9
163	Bayesian inference to partition determinants of community dynamics from observational time series. <i>Community Ecology</i> , 2019, 20, 238-251.	0.5	7
164	Mapping floristic gradients of forest composition using an ordination-regression approach with landsat OLI and terrain data in the Central Hardwoods region. <i>Forest Ecology and Management</i> , 2019, 434, 87-98.	1.4	15
165	Geographically variable biotic interactions and implications for species ranges. <i>Global Ecology and Biogeography</i> , 2019, 28, 42-53.	2.7	43

#	ARTICLE	IF	CITATIONS
166	Modelling spatial and temporal dynamics of two small mud carp species in the Tonle Sap flood-pulse ecosystem. <i>Ecological Modelling</i> , 2019, 392, 82-91.	1.2	5
167	Niche Estimation Above and Below the Species Level. <i>Trends in Ecology and Evolution</i> , 2019, 34, 260-273.	4.2	139
168	Understanding environmental change through the lens of trait-based, functional, and phylogenetic biodiversity in freshwater ecosystems. <i>Environmental Reviews</i> , 2019, 27, 263-273.	2.1	57
169	Beyond the model: expert knowledge improves predictions of species's fates under climate change. <i>Ecological Applications</i> , 2019, 29, e01824.	1.8	42
170	A comparison of joint species distribution models for presence-absence data. <i>Methods in Ecology and Evolution</i> , 2019, 10, 198-211.	2.2	58
171	Complex Ecological Networks. , 2019, , 536-545.		3
172	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
173	Changing cultures, changing environments: A novel means of investigating the effects of introducing non-native species into past ecosystems. <i>Journal of Archaeological Science: Reports</i> , 2019, 23, 1066-1075.	0.2	1
174	Testing species assemblage predictions from stacked and joint species distribution models. <i>Journal of Biogeography</i> , 2020, 47, 101-113.	1.4	88
175	Tracing the footprints of a moving hybrid zone under a demographic history of speciation with gene flow. <i>Evolutionary Applications</i> , 2020, 13, 195-209.	1.5	24
176	Macroecology in the age of Big Data – Where to go from here?. <i>Journal of Biogeography</i> , 2020, 47, 1-12.	1.4	81
177	Tropical forest type influences community assembly processes in arbuscular mycorrhizal fungi. <i>Journal of Biogeography</i> , 2020, 47, 434-444.	1.4	10
178	Using hierarchical joint models to study reproductive interactions in plant communities. <i>Journal of Ecology</i> , 2020, 108, 485-495.	1.9	6
179	Measuring competitive impact: Joint-species modelling of invaded plant communities. <i>Journal of Ecology</i> , 2020, 108, 449-459.	1.9	13
180	Positive interspecific associations consistent with social information use shape juvenile fish assemblages. <i>Ecology</i> , 2020, 101, e02920.	1.5	19
181	Functional traits that moderate tropical tree recruitment during post-windstorm secondary succession. <i>Journal of Ecology</i> , 2020, 108, 1322-1333.	1.9	15
182	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
183	Evaluating multispecies survey designs using a joint species distribution model. <i>Aquaculture and Fisheries</i> , 2020, 5, 156-162.	1.2	9

#	ARTICLE	IF	CITATIONS
184	Complementary strengths of spatially explicit and multi-species distribution models. <i>Ecography</i> , 2020, 43, 456-466.	2.1	11
185	Coexistence barriers confine the poleward range of a globally distributed plant. <i>Ecology Letters</i> , 2020, 23, 1838-1848.	3.0	23
186	You must choose, but choose wisely: Model-based approaches for microbial community analysis. <i>Soil Biology and Biochemistry</i> , 2020, 151, 108042.	4.2	30
187	A comparison between Ensemble and MaxEnt species distribution modelling approaches for conservation: A case study with Egyptian medicinal plants. <i>Ecological Informatics</i> , 2020, 60, 101150.	2.3	191
188	The challenge of novel abiotic conditions for species undergoing climate-induced range shifts. <i>Ecography</i> , 2020, 43, 1571-1590.	2.1	82
189	Covariate-adjusted species response curves derived from long-term macroinvertebrate monitoring data using classical and contemporary model-based ordination methods. <i>Ecological Informatics</i> , 2020, 60, 101159.	2.3	1
190	Trophic behavior of specialist predators from a macroecological approach: The case of the magellanic woodpecker in south American temperate forests. <i>Global Ecology and Conservation</i> , 2020, 24, e01285.	1.0	7
191	Sensitivity of comorbidity network analysis. <i>JAMIA Open</i> , 2020, 3, 94-103.	1.0	8
192	A spatial community regression approach to exploratory analysis of ecological data. <i>Methods in Ecology and Evolution</i> , 2020, 11, 608-620.	2.2	3
193	Determining marine bioregions: A comparison of quantitative approaches. <i>Methods in Ecology and Evolution</i> , 2020, 11, 1258-1272.	2.2	20
194	Incorporating interspecific interactions into phylogeographic models: A case study with Californian oaks. <i>Molecular Ecology</i> , 2020, 29, 4510-4524.	2.0	21
195	Overprediction of species distribution models in conservation planning: A still neglected issue with strong effects. <i>Biological Conservation</i> , 2020, 252, 108822.	1.9	40
196	Methods and approaches to advance soil macroecology. <i>Global Ecology and Biogeography</i> , 2020, 29, 1674-1690.	2.7	28
197	Protecting Biodiversity (in All Its Complexity): New Models and Methods. <i>Trends in Ecology and Evolution</i> , 2020, 35, 1119-1128.	4.2	101
198	Disentangling drivers of spatial autocorrelation in species distribution models. <i>Ecography</i> , 2020, 43, 1741-1751.	2.1	13
199	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
200	Eco-Evolutionary Feedbacks and the Maintenance of Metacommunity Diversity in a Changing Environment. <i>Genes</i> , 2020, 11, 1433.	1.0	5
201	Using value of information to prioritize research needs for migratory bird management under climate change: a case study using federal land acquisition in the United States. <i>Biological Reviews</i> , 2020, 95, 1109-1130.	4.7	16

#	ARTICLE	IF	CITATIONS
202	Historical Development of Community Ecology. , 2020, , 3-18.		0
203	Typical Data Collected by Community Ecologists. , 2020, , 19-29.		0
204	Typical Statistical Methods Applied by Community Ecologists. , 2020, , 30-38.		0
205	Single-Species Distribution Modelling. , 2020, , 53-103.		1
206	Joint Species Distribution Modelling. , 2020, , 104-141.		0
207	Evaluating Model Fit and Selecting among Multiple Models. , 2020, , 217-252.		0
209	Linking HMSC Back to Community Assembly Processes. , 2020, , 255-299.		0
210	Illustration of HMSC Analyses. , 2020, , 300-336.		0
213	Co-occurrence is not evidence of ecological interactions. Ecology Letters, 2020, 23, 1050-1063.	3.0	427
214	Agricultural adapters from the vineyard landscape impact native oak woodland birds. Agriculture, Ecosystems and Environment, 2020, 300, 106960.	2.5	8
215	Bias in presence-only niche models related to sampling effort and species niches: Lessons for background point selection. PLoS ONE, 2020, 15, e0232078.	1.1	26
216	Where and why? Bees, snail shells and climate: Distribution of Rhodanthidium (Hymenoptera:) Tj ETQq1 1 0.784314 rgBT /Overlock 101	0.3	2
217	Experimental assessment of biotic and abiotic filters driving community composition. Ecology and Evolution, 2020, 10, 7364-7376.	0.8	6
218	Improved understanding and prediction of freshwater fish communities through the use of joint species distribution models. Canadian Journal of Fisheries and Aquatic Sciences, 2020, 77, 1540-1551.	0.7	14
219	Predators, fire or resources: What drives the distribution of herbivores in fragmented mesic forests?. Austral Ecology, 2020, 45, 329-339.	0.7	3
220	Spatially explicit models as tools for implementing effective management strategies for invasive alien mammals. Mammal Review, 2020, 50, 187-199.	2.2	48
221	Predictor species: Improving assessments of rare species occurrence by modeling environmental co-responses. Ecology and Evolution, 2020, 10, 3293-3304.	0.8	5
222	A database and synthesis of euglossine bee assemblages collected at fragrance baits. Apidologie, 2020, 51, 519-530.	0.9	9

#	ARTICLE	IF	CITATIONS
223	Co-occurrence patterns and the large-scale spatial structure of benthic communities in seagrass meadows and bare sand. <i>BMC Ecology</i> , 2020, 20, 37.	3.0	7
224	The emergent interactions that govern biodiversity change. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 17074-17083.	3.3	30
225	Statistical challenges in spatial analysis of plant ecology data. <i>Spatial Statistics</i> , 2020, 37, 100418.	0.9	3
226	Multi-species occupancy models: review, roadmap, and recommendations. <i>Ecography</i> , 2020, 43, 1612-1624.	2.1	92
228	Evaluating and presenting uncertainty in model-based unconstrained ordination. <i>Ecology and Evolution</i> , 2020, 10, 59-69.	0.8	3
229	Using Species Distribution Models For Fungi. <i>Fungal Biology Reviews</i> , 2020, 34, 74-88.	1.9	31
230	Should ecologists prefer model-over distance-based multivariate methods?. <i>Ecology and Evolution</i> , 2020, 10, 2417-2435.	0.8	21
231	Integrating uncertain prior knowledge regarding ecological preferences into multi-species distribution models: Effects of model complexity on predictive performance. <i>Ecological Modelling</i> , 2020, 420, 108956.	1.2	14
232	hyperoverlap: Detecting biological overlap in <i>n</i> -dimensional space. <i>Methods in Ecology and Evolution</i> , 2020, 11, 513-523.	2.2	15
233	Integrating Computational Methods to Investigate the Macroecology of Microbiomes. <i>Frontiers in Genetics</i> , 2019, 10, 1344.	1.1	7
234	Use of openly available occurrence data to generate biodiversity maps within the South African EEZ. <i>African Journal of Marine Science</i> , 2020, 42, 109-121.	0.4	1
236	Reintroduction modelling: A guide to choosing and combining models for species reintroductions. <i>Journal of Applied Ecology</i> , 2020, 57, 1233-1243.	1.9	18
237	Dos and don'ts when inferring assembly rules from diversity patterns. <i>Global Ecology and Biogeography</i> , 2020, 29, 1212-1229.	2.7	83
238	Spatiotemporal variation in occurrence and co-occurrence of pesticides, hormones, and other organic contaminants in rivers in the Chesapeake Bay Watershed, United States. <i>Science of the Total Environment</i> , 2020, 728, 138765.	3.9	19
239	Intraspecific trait variation across elevation predicts a widespread tree species' climate niche and range limits. <i>Ecology and Evolution</i> , 2020, 10, 3856-3867.	0.8	13
240	Co-occurrence of invasive and native carnivorans affects occupancy patterns across environmental gradients. <i>Biological Invasions</i> , 2020, 22, 2251-2266.	1.2	14
241	Refining predictions of metacommunity dynamics by modeling species non-independence. <i>Ecology</i> , 2020, 101, e03067.	1.5	8
242	Arthropod abundance modulates bird community responses to urbanization. <i>Diversity and Distributions</i> , 2021, 27, 34-49.	1.9	34

#	ARTICLE	IF	CITATIONS
243	Importance of species translocations under rapid climate change. <i>Conservation Biology</i> , 2021, 35, 775-783.	2.4	40
244	Large-scale multi-trophic co-response models and environmental control of pelagic food webs in QuÅbec lakes. <i>Oikos</i> , 2021, 130, 377-395.	1.2	4
245	Inferred seasonal interaction rewiring of a freshwater stream fish network. <i>Ecography</i> , 2021, 44, 219-230.	2.1	7
246	Defining and evaluating predictions of joint species distribution models. <i>Methods in Ecology and Evolution</i> , 2021, 12, 394-404.	2.2	30
247	Habitat amount and ambient temperature dictate patterns of anuran diversity along a subtropical elevational gradient. <i>Diversity and Distributions</i> , 2021, 27, 344-359.	1.9	10
248	Joint species distribution models of Everglades wading birds to inform restoration planning. <i>PLoS ONE</i> , 2021, 16, e0245973.	1.1	7
249	Characterizing Community Structure of Benthic Infauna From the Continental Slope of the Southern California Bight. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	3
251	The role of odds ratios in joint species distribution modeling. <i>Environmental and Ecological Statistics</i> , 2021, 28, 287-302.	1.9	4
252	Facilitation in the soil microbiome does not necessarily lead to niche expansion. <i>Environmental Microbiomes</i> , 2021, 16, 4.	2.2	5
253	Natural and anthropogenic climate variability shape assemblages of range-extending coral-reef fishes. <i>Journal of Biogeography</i> , 2021, 48, 1063-1075.	1.4	6
255	Improving the reliability of eDNA data interpretation. <i>Molecular Ecology Resources</i> , 2021, 21, 1422-1433.	2.2	44
256	Partitioning tree diversity patterns to prioritize conservation investments. <i>Environmental Conservation</i> , 2021, 48, 75-83.	0.7	2
257	Improving predictions of range expansion for invasive species using joint species distribution models and surrogate co-occurring species. <i>Journal of Biogeography</i> , 2021, 48, 1693-1705.	1.4	8
258	Clustering Species With Residual Covariance Matrix in Joint Species Distribution Models. <i>Frontiers in Ecology and Evolution</i> , 2021, 9, .	1.1	10
259	A hierarchical framework for mapping pollination ecosystem service potential at the local scale. <i>Ecological Modelling</i> , 2021, 444, 109484.	1.2	14
260	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
261	Understanding the interplay between host-specificity, environmental conditions and competition through the sound application of Joint Species Distribution Models. <i>Peer Community in Ecology</i> , 0, , .	0.0	0
263	Convolutional neural networks improve species distribution modelling by capturing the spatial structure of the environment. <i>PLoS Computational Biology</i> , 2021, 17, e1008856.	1.5	35

#	ARTICLE	IF	CITATIONS
264	Unifying community detection across scales from genomes to landscapes. <i>Oikos</i> , 2021, 130, 831-843.	1.2	7
265	Scale dependency of joint species distribution models challenges interpretation of biotic interactions. <i>Journal of Biogeography</i> , 2021, 48, 1541-1551.	1.4	31
266	Understanding the reliability of citizen science observational data using item response models. <i>Methods in Ecology and Evolution</i> , 2021, 12, 1533-1548.	2.2	9
267	Using historical data to estimate bumble bee occurrence: Variable trends across species provide little support for community-level declines. <i>Biological Conservation</i> , 2021, 257, 109141.	1.9	37
268	On the Interpretations of Joint Modeling in Community Ecology. <i>Trends in Ecology and Evolution</i> , 2021, 36, 391-401.	4.2	75
269	Conditional love? Co-occurrence patterns of drought-sensitive species in European grasslands are consistent with the stress-gradient hypothesis. <i>Global Ecology and Biogeography</i> , 2021, 30, 1609-1620.	2.7	6
270	Model-based ordination for species with unequal niche widths. <i>Methods in Ecology and Evolution</i> , 2021, 12, 1288-1300.	2.2	9
271	Viewing Emerging Human Infectious Epidemics through the Lens of Invasion Biology. <i>BioScience</i> , 2021, 71, 722-740.	2.2	24
273	Trends in bird abundance differ among protected forests but not bird guilds. <i>Ecological Applications</i> , 2021, 31, e02377.	1.8	6
274	Forage stoichiometry predicts the home range size of a small terrestrial herbivore. <i>Oecologia</i> , 2021, 197, 327-338.	0.9	12
275	Positive species interactions shape species' range limits. <i>Oikos</i> , 2021, 130, 1611-1625.	1.2	17
276	A methodological roadmap to quantify animal-vector mediated spatial ecosystem subsidies. <i>Journal of Animal Ecology</i> , 2021, 90, 1605-1622.	1.3	23
277	Wildcards in climate change biology. <i>Ecological Monographs</i> , 2021, 91, e01471.	2.4	9
278	Deriving indicators of biodiversity change from unstructured community-contributed data. <i>Oikos</i> , 2021, 130, 1225-1239.	1.2	19
279	Multivariate Bayesian clustering using covariate-informed components with application to boreal vegetation sensitivity. <i>Biometrics</i> , 2022, 78, 1427-1440.	0.8	3
280	Broad-scale patterns of geographic avoidance between species emerge in the absence of fine-scale mechanisms of coexistence. <i>Diversity and Distributions</i> , 2021, 27, 1606-1618.	1.9	10
281	Citizen science data for urban planning: Comparing different sampling schemes for modelling urban bird distribution. <i>Landscape and Urban Planning</i> , 2021, 211, 104098.	3.4	7
282	From the ground up: Building predictions for how climate change will affect belowground mutualisms, floral traits, and bee behavior. <i>Climate Change Ecology</i> , 2021, 1, 100013.	0.9	12



#	ARTICLE	IF	CITATIONS
283	Effectiveness of joint species distribution models in the presence of imperfect detection. <i>Methods in Ecology and Evolution</i> , 2021, 12, 1458-1474.	2.2	2
284	Joint species distributions reveal the combined effects of host plants, abiotic factors and species competition as drivers of species abundances in fruit flies. <i>Ecology Letters</i> , 2021, 24, 1905-1916.	3.0	8
285	Predicting species distributions and community composition using satellite remote sensing predictors. <i>Scientific Reports</i> , 2021, 11, 16448.	1.6	16
286	Human disturbance and shifts in vertebrate community composition in a biodiversity hotspot. <i>Conservation Biology</i> , 2022, 36, .	2.4	8
287	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
288	Potential distribution of piscivores across the Atlantic Forest: From bats and marsupials to large-bodied mammals under a trophic-guild viewpoint. <i>Ecological Informatics</i> , 2021, 64, 101357.	2.3	3
289	Responses of vulnerable fishes to environmental stressors in the Canadian Great Lakes basin1. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2021, 78, 1278-1292.	0.7	2
290	Effects of a mobile disturbance pattern on dynamic patch networks and metapopulation persistence. <i>Ecological Modelling</i> , 2021, 460, 109738.	1.2	1
291	Forecasting community reassembly using climate-linked spatio-temporal ecosystem models. <i>Ecography</i> , 2021, 44, 612-625.	2.1	14
294	An Overview of the Structure and Use of HMSC. , 2020, , 39-50.		1
295	Bayesian Inference in HMSC. , 2020, , 184-216.		2
296	Estimating diversity in networked ecological communities. <i>Biostatistics</i> , 2022, 23, 207-222.	0.9	92
302	Scale dependence of ecological assembly rules: Insights from empirical datasets and joint species distribution modelling. <i>Journal of Ecology</i> , 2020, 108, 1967-1977.	1.9	21
303	The central role of mean-variance relationships in the analysis of multivariate abundance data: a response to Roberts (2017). <i>Methods in Ecology and Evolution</i> , 2017, 8, 1408-1414.	2.2	33
304	Unravelling species co-occurrence in a steppe bird community of Inner Mongolia: Insights for the conservation of the endangered Jankowski's Bunting. <i>Diversity and Distributions</i> , 2020, 26, 843-852.	1.9	13
305	Climate change alters stability and species potential interactions in a large marine ecosystem. <i>Global Change Biology</i> , 2018, 24, e90-e100.	4.2	34
306	Using Historical Atlas Data to Develop High-Resolution Distribution Models of Freshwater Fishes. <i>PLoS ONE</i> , 2015, 10, e0129995.	1.1	21
307	Multilevel Models for the Distribution of Hosts and Symbionts. <i>PLoS ONE</i> , 2016, 11, e0165768.	1.1	7

#	ARTICLE	IF	CITATIONS
308	Patterns of occurrence of semi-aquatic reptiles in highly invaded Mediterranean rivers. <i>NeoBiota</i> , 0, 38, 23-35.	1.0	4
309	MAcroecological Framework for Invasive Aliens (MAFIA): disentangling large-scale context dependence in biological invasions. <i>NeoBiota</i> , 0, 62, 407-461.	1.0	66
310	Dynamic multi-species occupancy models reveal individualistic habitat preferences in a high-altitude grassland bird community. <i>PeerJ</i> , 2019, 7, e6276.	0.9	11
311	Bird species co-occurrence patterns in an alpine environment supports the stress-gradient hypothesis. <i>Oikos</i> , 2021, 130, 1905-1918.	1.2	6
312	The internal structure of metacommunities. <i>Oikos</i> , 2022, 2022, .	1.2	32
313	Modelling temperature-driven changes in species associations across freshwater communities. <i>Global Change Biology</i> , 2022, 28, 86-97.	4.2	5
314	Biodiversity scale-dependence and opposing multi-level correlations underlie differences among taxonomic, phylogenetic and functional diversity. <i>Journal of Biogeography</i> , 2021, 48, 2989-3003.	1.4	4
315	Conceptual and methodological advances in habitat-selection modeling: guidelines for ecology and evolution. <i>Ecological Applications</i> , 2022, 32, e02470.	1.8	63
319	Worldwide co-occurrence analysis of 17 species of the genus <i>Brachypodium</i> using data mining. <i>PeerJ</i> , 2019, 6, e6193.	0.9	1
329	Joint Species Distribution Modelling. , 2020, , 142-183.		1
334	A meaningful application of species distribution models and functional traits to understand invasion dynamics. <i>Peer Community in Ecology</i> , 0, , .	0.0	0
337	Predicting multi-species foraging hotspots for marine turtles in the Gulf of Mexico. <i>Endangered Species Research</i> , 2020, 43, 253-266.	1.2	4
338	Evaluating the Effects of Climate Change on Spatial Aggregation of Giant Pandas and Sympatric Species in a Mountainous Landscape. <i>Animals</i> , 2021, 11, 3332.	1.0	2
339	Pet distribution modelling: Untangling the invasive potential of <i>Trachemys dorbigni</i> (Emydidae) in the Americas. <i>PLoS ONE</i> , 2021, 16, e0259626.	1.1	1
340	Evaluating alternative study designs for optimal sampling of species' climatic niches. <i>Ecography</i> , 2022, 2022, .	2.1	7
341	Spatiotemporal interactions of a novel mesocarnivore community in an urban environment before and during SARS-CoV-2 lockdown. <i>Journal of Animal Ecology</i> , 2022, 91, 367-380.	1.3	10
342	Metabolic rates mirror morphological and behavioral differences in two sand-dwelling coral reef gobies. <i>Marine Ecology - Progress Series</i> , 0, , .	0.9	5
343	A Two-Species Occupancy Model with a Continuous-Time Detection Process Reveals Spatial and Temporal Interactions. <i>Journal of Agricultural, Biological, and Environmental Statistics</i> , 2022, 27, 321-338.	0.7	17

#	ARTICLE	IF	CITATIONS
344	Using fish community and population indicators to assess the biological condition of streams and rivers of the Chesapeake Bay watershed, USA. <i>Ecological Indicators</i> , 2022, 134, 108488.	2.6	4
346	Sampling and modelling rare species: Conceptual guidelines for the neglected majority. <i>Global Change Biology</i> , 2022, 28, 3754-3777.	4.2	27
347	Jointly modeling marine species to inform the effects of environmental change on an ecological community in the Northwest Atlantic. <i>Scientific Reports</i> , 2022, 12, 132.	1.6	14
348	Spatial modeling for the distribution of species in plant communities. <i>Spatial Statistics</i> , 2022, 50, 100582.	0.9	1
349	The taxonomic and functional biogeographies of phytoplankton and zooplankton communities across boreal lakes. , 0, 1, .		1
350	Models of Joint Distribution of Species on the Example of Benthic Communities from Small Rivers of the Volga Basin. <i>Biology Bulletin Reviews</i> , 2022, 12, 84-93.	0.3	2
351	A working guide to harnessing generalized dissimilarity modelling for biodiversity analysis and conservation assessment. <i>Global Ecology and Biogeography</i> , 2022, 31, 802-821.	2.7	50
352	Biochemical traits enhance the trait concept in <i>Sphagnum</i> ecology. <i>Oikos</i> , 2022, 2022, .	1.2	5
353	Evaluating ecological uniqueness over broad spatial extents using species distribution modelling. <i>Oikos</i> , 2022, 2022, .	1.2	12
355	Survival and growth of a high mountain daisy transplanted outside its local range, and implications for climate-induced distribution shifts. <i>AoB PLANTS</i> , 2022, 14, plac014.	1.2	0
357	Investigating Plantâ€“Bird Co-Occurrence Patterns in Mediterranean Wetlands: Can They Reveal Signals of Ecosystem Connectivity?. <i>Diversity</i> , 2022, 14, 253.	0.7	1
359	Fauxcurrence: simulating multiâ€“species occurrences for null models in species distribution modelling and biogeography. <i>Ecography</i> , 2022, 2022, .	2.1	6
360	Impacts of trophic interactions on the prediction of spatio-temporal distribution of mid-trophic level fishes. <i>Ecological Indicators</i> , 2022, 138, 108826.	2.6	10
361	Statistical methods for predicting the spatial abundance of reef fish species. <i>Ecological Informatics</i> , 2022, 69, 101624.	2.3	2
362	The Influence of the Interaction between Climate and Competition on the Distributional Limits of European Shrews. <i>Animals</i> , 2022, 12, 57.	1.0	5
363	Niche use and coâ€“occurrence patterns of zooplankton along a strong urbanization gradient. <i>Ecography</i> , 2022, 2022, .	2.1	2
364	An integrated highâ€“resolution mapping shows congruent biodiversity patterns of Fagales and Pinales. <i>New Phytologist</i> , 2022, 235, 759-772.	3.5	7
366	Examining Epibenthic Assemblages Associated with Artificial Reefs Using a Species Archetype Approach. <i>Marine and Coastal Fisheries</i> , 2022, 14, .	0.6	3

#	ARTICLE	IF	CITATIONS
367	Analyzing dynamic species abundance distributions using generalized linear mixed models. <i>Ecology</i> , 2022, 103, e3742.	1.5	3
370	Organic amendments increase the flow uniformity of energy across nematode food webs. <i>Soil Biology and Biochemistry</i> , 2022, 170, 108695.	4.2	12
371	Design-based mapping of plant species presence, association, and richness by nearest-neighbour interpolation. <i>Spatial Statistics</i> , 2022, 51, 100660.	0.9	1
372	The latitudinal gradient in plant community assembly processes: A meta-analysis. <i>Ecology Letters</i> , 2022, 25, 1711-1724.	3.0	20
373	Assessing the impact of climate change on threatened endemic vascular plants of Argentina. <i>Folia Geobotanica</i> , 2022, 57, 49-69.	0.4	1
374	Improving the predictability and interpretability of co-occurrence modelling through feature-based joint species distribution ensembles. <i>Methods in Ecology and Evolution</i> , 2023, 14, 146-161.	2.2	2
375	Recommender systems for fossil community distribution modelling. <i>Methods in Ecology and Evolution</i> , 0, , .	2.2	1
376	Biotic and abiotic effects determining the resilience of conifer mountain forests: The case study of the endangered Spanish fir. <i>Forest Ecology and Management</i> , 2022, 520, 120356.	1.4	0
377	Multi-Decadal Mapping and Climate Modelling Indicates Eastward Rubber Plantation Expansion in India. <i>Sustainability</i> , 2022, 14, 7923.	1.6	1
378	Constructing ecological indices for urban environments using species distribution models. <i>Urban Ecosystems</i> , 0, , .	1.1	0
381	The predictive performance of process-explicit range change models remains largely untested. <i>Ecography</i> , 2023, 2023, .	2.1	1
382	How landscape and biotic interactions shape a Mediterranean reptile community. <i>Landscape Ecology</i> , 2022, 37, 2915-2927.	1.9	4
383	Response mixture models based on supervised components: Clustering floristic taxa. <i>Statistical Modelling</i> , 0, , 1471082X2211155.	0.5	0
384	Resolution in species distribution models shapes spatial patterns of plant multifaceted diversity. <i>Ecography</i> , 2022, 2022, .	2.1	25
385	Anuran assemblages in western Philippines: Unraveling the effects of habitat types, water availability, and elevation. <i>Acta Oecologica</i> , 2022, 117, 103869.	0.5	2
386	Some Noteworthy Issues in Joint Species Distribution Modeling for Plant Data. , 2022, , 1-8.		0
387	Tick microbial associations at the crossroad of horizontal and vertical transmission pathways. <i>Parasites and Vectors</i> , 2022, 15, .	1.0	5
388	Multi-species occupancy modeling suggests interspecific interaction among the three ungulate species. <i>Scientific Reports</i> , 2022, 12, .	1.6	0

#	ARTICLE	IF	CITATIONS
389	Modelling potential natural pest control ecosystem services provided by arthropods in agricultural landscapes. <i>Agriculture, Ecosystems and Environment</i> , 2023, 342, 108250.	2.5	7
391	Disentangling the contributions of biotic and abiotic predictors in the niche and the species distribution model of <i>Trypanosoma cruzi</i> , etiological agent of Chagas disease. <i>Acta Tropica</i> , 2023, 238, 106757.	0.9	4
392	Nonparametric Prediction for Spatial Dependent Functional Data Under Fixed Sampling Design. <i>Revista Colombiana De Estadística</i> , 2022, 45, 391-428.	0.2	2
393	A two-species distribution model for parapatric newts, with inferences on their history of spatial replacement. <i>Biological Journal of the Linnean Society</i> , 2023, 138, 75-88.	0.7	2
395	Environmental filtering drives the assembly of mammal communities in a heterogeneous Mediterranean region. <i>Ecological Applications</i> , 2023, 33, .	1.8	2
396	Spatiotemporal dimensions of community assembly. <i>Population Ecology</i> , 2023, 65, 5-16.	0.7	7
397	Realising the promise of large data and complex models. <i>Methods in Ecology and Evolution</i> , 2023, 14, 4-11.	2.2	0
398	Co-occurrence patterns and habitat selection of the mountain hare, European hare, and European rabbit in urban areas of Sweden. <i>Mammalian Biology</i> , 2023, 103, 187-203.	0.8	0
400	Patterns of variation in equine strongyle community structure across age groups and gut compartments. <i>Parasites and Vectors</i> , 2023, 16, .	1.0	5
401	Field experimental evidence of sandy beach community changes in response to artificial light at night (ALAN). <i>Science of the Total Environment</i> , 2023, 872, 162086.	3.9	2
402	Mapping seagrass habitats of potential suitability using a hybrid machine learning model. <i>Frontiers in Ecology and Evolution</i> , 0, 11, .	1.1	1
404	Prey resources are equally important as climatic conditions for predicting the distribution of a broad-ranged apex predator. <i>Diversity and Distributions</i> , 2023, 29, 613-628.	1.9	2
406	Habitat partitioning, co-occurrence patterns, and mixed-species group formation in sympatric delphinids. <i>Scientific Reports</i> , 2023, 13, .	1.6	2
408	Assessing abiotic correlations of an indicator species with sympatric riparian birds in a threatened submontane river-forest system using joint species modelling. <i>Diversity and Distributions</i> , 2023, 29, 748-756.	1.9	2
409	Mapping with height and spectral remote sensing implies that environment and forest structure jointly constrain tree community composition in temperate coniferous forests of eastern Washington, United States. <i>Frontiers in Forests and Global Change</i> , 0, 5, .	1.0	0
410	Not only climate: The importance of biotic interactions in shaping species distributions at macro scales. <i>Ecology and Evolution</i> , 2023, 13, .	0.8	2
411	Modeling the rarest of the rare: a comparison between multi-species distribution models, ensembles of small models, and single-species models at extremely low sample sizes. <i>Ecography</i> , 2023, 2023, .	2.1	7
412	Decision-making under uncertainty for species introductions into ecological networks. <i>Ecology Letters</i> , 2023, 26, 983-1004.	3.0	2

#	ARTICLE	IF	CITATIONS
413	How does spatial extent and environmental limits affect the accuracy of species richness estimates from ecological niche models? A case study with North American Pinaceae and Cactaceae. Ecology and Evolution, 2023, 13, .	0.8	0
415	Modelling species distribution, ecosystem structure and function and climate change. , 2023, , .		0
423	Basic Introduction to Species Distribution Modelling. , 2023, , 21-40.		1
427	Modelling Large-Scale Patterns in Mountain Bird Diversity and Distributions. , 2023, , 296-335.		0
437	Communities and Patterns of Biodiversity. , 2023, , 191-224.		0
438	Biotic Processes as Agents of Pattern. , 2023, , 29-53.		0
450	Climate Change: Adapting for Resilience. , 2023, , 287-321.		0
459	Species Methods. Statistics in the Health Sciences, 2023, , 171-236.	0.2	0