

Rapid Range Shifts of Species Associated with High Lev

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Citation Report

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1	Boreal Forest Bird Assemblages and Their Conservation. , 0, , 183-230.		3
2	Population Trends and Conservation Status of Forest Birds. , 0, , 389-426.		6
3	Island flora and fauna: equilibrium and nonequilibrium. , 0, , 121-132.		4
4	The Value of Biodiversity. , 0, , 30-61.		0
6	Communities Under Climate Change. Science, 2011, 334, 1070-1071.	6.0	45
7	The Pace of Shifting Climate in Marine and Terrestrial Ecosystems. Science, 2011, 334, 652-655.	6.0	1,062
8	Elevational Ranges of Birds on a Tropical Montane Gradient Lag behind Warming Temperatures. PLoS ONE, 2011, 6, e28535.	1.1	127
9	Climate-driven variation in food availability between the core and range edge of the endangered northern bettong (<i>Bettongia tropica</i>). Australian Journal of Zoology, 2011, 59, 177.	0.6	12
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13	Moving farther and faster. Nature Climate Change, 2011, 1, 396-397.	8.1	6
14	Projected poleward shift of king penguins' (<i>Aptenodytes patagonicus</i>) foraging range at the Crozet Islands, southern Indian Ocean. Proceedings of the Royal Society B: Biological Sciences, 2012, 279, 2515-2523.	1.2	94
15	Response of an arctic predator guild to collapsing lemming cycles. Proceedings of the Royal Society B: Biological Sciences, 2012, 279, 4417-4422.	1.2	92
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20	Spring partitioning of Disko Bay, West Greenland, by Arctic and Subarctic baleen whales. ICES Journal of Marine Science, 2012, 69, 1226-1233.	1.2	34
22	â€œEvolution Canyon,â€•a potential microscale monitor of global warming across life. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 2960-2965.	3.3	87

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24	NEON terrestrial field observations: designing continental-scale, standardized sampling. <i>Ecosphere</i> , 2012, 3, 1-17.	1.0	74
25	Local Conditions, Not Regional Gradients, Drive Demographic Variation of Giant Ragweed (<i>Ambrosia trifida</i>) and Common Sunflower (<i>Helianthus annuus</i>) Across Northern U.S. Maize Belt. <i>Weed Science</i> , 2012, 60, 440-450.	0.8	18
26	Climate-induced range contraction in the Malagasy endemic plant genera <i>Mediusella</i> and <i>Xerochlamys</i> (Sarcolaenaceae). <i>Plant Ecology and Evolution</i> , 2012, 145, 302-312.	0.3	3
27	Feeling the heat: Australian landbirds and climate change. <i>Emu</i> , 2012, 112, i-vii.	0.2	117
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32	On a collision course: competition and dispersal differences create no-analogue communities and cause extinctions during climate change. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012, 279, 2072-2080.	1.2	368
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37	Functional and Phylogenetic Approaches to Forecasting Species' Responses to Climate Change. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2012, 43, 205-226.	3.8	181
38	Diversity of birds in eastern North America shifts north with global warming. <i>Ecology and Evolution</i> , 2012, 2, 3052-3060.	0.8	22
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47	The effects of climate change on tropical birds. <i>Biological Conservation</i> , 2012, 148, 1-18.	1.9	276
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59	Climate Change, Aboveground-Belowground Interactions, and Species' Range Shifts. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2012, 43, 365-383.	3.8	182

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61	Shifting status and distribution of range margin chorus frog (<i>Pseudacris</i>) populations in eastern Great Lakes watersheds. <i>Journal of Great Lakes Research</i> , 2012, 38, 806-811.	0.8	2
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66	Exploring Holocene Changes in Palynological Richness in Northern Europe "Did Postglacial Immigration Matter?. <i>PLoS ONE</i> , 2012, 7, e51624.	1.1	48
69	perspective: The responses of tropical forest species to global climate change: acclimate, adapt, migrate, or go extinct?. <i>Frontiers of Biogeography</i> , 2012, 4, .	0.8	12
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72	Climate change effects fruiting of the prize matsutake mushroom in China. <i>Fungal Diversity</i> , 2012, 56, 189-198.	4.7	36
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79	The influence of species interactions on geographic range change under climate change. <i>Annals of the New York Academy of Sciences</i> , 2012, 1249, 18-28.	1.8	52

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81	Failure to migrate: lack of tree range expansion in response to climate change. <i>Global Change Biology</i> , 2012, 18, 1042-1052.	4.2	519
82	Reduced variability in range-edge butterfly populations over three decades of climate warming. <i>Global Change Biology</i> , 2012, 18, 1531-1539.	4.2	32
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163	Leptospirosis: Public health perspectives. <i>Biologicals</i> , 2013, 41, 295-297.	0.5	86
164	North Andean environmental and climatic change at orbital to submillennial time-scales: Vegetation, water levels and sedimentary regimes from Lake Quene 130-27ka. <i>Review of Palaeobotany and Palynology</i> , 2013, 197, 186-204.	0.8	24
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519	Climatic Risk and Distribution Atlas of European Bumblebees. <i>BioRisk</i> , 0, 10, 1-236.	0.2	171
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539	Genomics Are Transforming Our Understanding of Responses to Climate Change. <i>BioScience</i> , 2015, 65, 237-246.	2.2	51

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646	Interactive effects of fearfulness and geographical location on bird population trends. <i>Behavioral Ecology</i> , 2015, 26, 716-721.	1.0	25
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652	Impacts of climate change on distributions and diversity of ungulates on the Tibetan Plateau. <i>Ecological Applications</i> , 2015, 25, 24-38.	1.8	76
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656	Elevational shifts, biotic homogenization and time lags in vegetation change during 40 years of climate warming. <i>Ecography</i> , 2015, 38, 546-555.	2.1	129
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673	Contrasting Nutritional Acclimation of Sugar Maple (<i>Acer saccharum</i> Marsh.) and Red Maple (<i>Acer</i>) <i>Tj ETQq1 1 0.784314 rgBT /Overlock</i> <i>Frontiers in Ecology and Evolution</i> , 2016, 4, .	1.1	9
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685	Contributions of dynamic environmental signals during life-cycle transitions to early life-history traits in lodgepole pine (<i>Pinus contorta<i> Dougl.). <i>Biogeosciences</i> , 2016, 13, 2945-2958.	1.3	9

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688	Low larval densities in northern populations reinforce range expansion by a Mediterranean damselfly. <i>Freshwater Biology</i> , 2016, 61, 1430-1441.	1.2	3
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935	Climate-based prioritization of data collection for monitoring wintering birds in Latin America. <i>Bird Conservation International</i> , 2017, 27, 512-524.	0.7	0
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1001	Natural and anthropogenic barriers to climate tracking in river fishes along a mountain-plains transition zone. <i>Diversity and Distributions</i> , 2017, 23, 761-770.	1.9	21
1002	Species distributions models in wildlife planning: agricultural policy and wildlife management in the great plains. <i>Wildlife Society Bulletin</i> , 2017, 41, 194-204.	1.6	5
1003	Conservation effectiveness of protected areas for Hong Kong butterflies declines under climate change. <i>Journal of Insect Conservation</i> , 2017, 21, 599-606.	0.8	11
1004	Linking functional traits and species preferences to species abundance and occupancy trends through time to identify habitat changes in coastal ecosystems. <i>Perspectives in Plant Ecology, Evolution and Systematics</i> , 2017, 27, 35-44.	1.1	6

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1005	Population-level genetic variation and climate change in a biodiversity hotspot. <i>Annals of Botany</i> , 2017, 119, 215-228.	1.4	51
1006	Less favourable climates constrain demographic strategies in plants. <i>Ecology Letters</i> , 2017, 20, 969-980.	3.0	83
1007	Biological interactions both facilitate and resist climate-related functional change in temperate reef communities. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017, 284, 20170484.	1.2	38
1008	Mapping species distributions with social media geo-tagged images: Case studies of bees and flowering plants in Australia. <i>Ecological Informatics</i> , 2017, 39, 23-31.	2.3	51
1009	A call for action: Why anthropologists can (and should) join the discussion on climate change through education. <i>American Journal of Human Biology</i> , 2017, 29, e23002.	0.8	1
1010	Climate warming and humans played different roles in triggering Late Quaternary extinctions in east and west Eurasia. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017, 284, 20162438.	1.2	19
1011	Responses of coral reef fishes to past climate changes are related to life-history traits. <i>Ecology and Evolution</i> , 2017, 7, 1996-2005.	0.8	15
1012	Genetic variation during range expansion: effects of habitat novelty and hybridization. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017, 284, 20170007.	1.2	37
1014	Divergence of thermal physiological traits in terrestrial breeding frogs along a tropical elevational gradient. <i>Ecology and Evolution</i> , 2017, 7, 3257-3267.	0.8	58
1015	Political ecology of climate change: Shifting orchards and a temporary landscape of opportunity. <i>World Development Perspectives</i> , 2017, 6, 25-31.	0.8	12
1016	PolarGlobe: A web-wide virtual globe system for visualizing multidimensional, time-varying, big climate data. <i>International Journal of Geographical Information Science</i> , 2017, 31, 1562-1582.	2.2	29
1017	Potential distribution of the invasive loblolly pine mealybug, <i>Oracella acuta</i> (Hemiptera: Tj ETQq1 1 0.784314 rgBT_1.7/Overlock_10 Tf 50 3	1.7	12
1018	Acclimation of bloom-forming and perennial seaweeds to elevated CO_2 conserved across levels of environmental complexity. <i>Global Change Biology</i> , 2017, 23, 4828-4839.	4.2	23
1019	Biodiversity redistribution under climate change: Impacts on ecosystems and human well-being. <i>Science</i> , 2017, 355, .	6.0	2,026
1020	Major shifts at the range edge of marine forests: the combined effects of climate changes and limited dispersal. <i>Scientific Reports</i> , 2017, 7, 44348.	1.6	87
1021	Flowering phenology shifts in response to biodiversity loss. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 3463-3468.	3.3	108
1022	Multidirectional abundance shifts among North American birds and the relative influence of multifaceted climate factors. <i>Global Change Biology</i> , 2017, 23, 3610-3622.	4.2	63
1023	Long-term effects of prairie restoration on plant community structure and native population dynamics. <i>Restoration Ecology</i> , 2017, 25, 559-568.	1.4	18

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1025	Arctic and boreal plant species decline at their southern range limits in the Rocky Mountains. <i>Ecology Letters</i> , 2017, 20, 166-174.	3.0	35
1026	Large- and small-scale environmental factors drive distributions of cool-adapted plants in karstic microrefugia. <i>Annals of Botany</i> , 2017, 119, 301-309.	1.4	51
1027	High community turnover and dispersal limitation relative to rapid climate change. <i>Global Ecology and Biogeography</i> , 2017, 26, 459-471.	2.7	30
1028	Vulnerability of eastern US tree species to climate change. <i>Global Change Biology</i> , 2017, 23, 3302-3320.	4.2	64
1029	The effect of infrastructure on the invasion of a generalist predator: Pied crows in southern Africa as a case-study. <i>Biological Conservation</i> , 2017, 205, 11-15.	1.9	22
1030	Most "global" reviews of species responses to climate change are not truly global. <i>Diversity and Distributions</i> , 2017, 23, 231-234.	1.9	81
1031	IPCC reasons for concern regarding climate change risks. <i>Nature Climate Change</i> , 2017, 7, 28-37.	8.1	266
1032	Case study of the implications of climate change for lichen diversity and distributions. <i>Biodiversity and Conservation</i> , 2017, 26, 1121-1141.	1.2	35
1033	Warming and provenance limit tree recruitment across and beyond the elevation range of subalpine forest. <i>Global Change Biology</i> , 2017, 23, 2383-2395.	4.2	126
1034	Keeping it regular: Development of thermoregulation in four tropical seabird species. <i>Journal of Thermal Biology</i> , 2017, 64, 19-25.	1.1	6
1035	Urbanization drives community shifts towards thermophilic and dispersive species at local and landscape scales. <i>Global Change Biology</i> , 2017, 23, 2554-2564.	4.2	114
1036	Coastal regime shifts: rapid responses of coastal wetlands to changes in mangrove cover. <i>Ecology</i> , 2017, 98, 762-772.	1.5	74
1037	Single species dynamics under climate change. <i>Theoretical Ecology</i> , 2017, 10, 181-193.	0.4	5
1038	Comparison of climate envelope models developed using expert-selected variables versus statistical selection. <i>Ecological Modelling</i> , 2017, 345, 10-20.	1.2	25
1039	Evaluation of the impacts of climate change on disease vectors through ecological niche modelling. <i>Bulletin of Entomological Research</i> , 2017, 107, 419-430.	0.5	42
1040	Ad hoc instrumentation methods in ecological studies produce highly biased temperature measurements. <i>Ecology and Evolution</i> , 2017, 7, 9890-9904.	0.8	64
1041	Consequences of the genetic threshold model for observing partial migration under climate change scenarios. <i>Ecology and Evolution</i> , 2017, 7, 8379-8387.	0.8	5

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1043	Climate drives phenological reassembly of a mountain wildflower meadow community. <i>Ecology</i> , 2017, 98, 2799-2812.	1.5	62
1044	High mountain communities and climate change: adaptation, traditional ecological knowledge, and institutions. <i>Climatic Change</i> , 2017, 145, 41-55.	1.7	47
1045	Cumulative effects of climate and landscape change drive spatial distribution of Rocky Mountain wolverine (<i>Gulo gulo</i> L.). <i>Ecology and Evolution</i> , 2017, 7, 8903-8914.	0.8	35
1046	Landscape-level tree cover predicts species richness of large-bodied frugivorous birds in forest fragments. <i>Biotropica</i> , 2017, 49, 838-847.	0.8	22
1047	Decadal Western Pacific Warm Pool Variability: A Centroid and Heat Content Study. <i>Scientific Reports</i> , 2017, 7, 13141.	1.6	12
1048	Trait correlations equalize spread velocity across plant life histories. <i>Global Ecology and Biogeography</i> , 2017, 26, 1398-1407.	2.7	15
1049	Thermal limits to the geographic distributions of shallow-water marine species. <i>Nature Ecology and Evolution</i> , 2017, 1, 1846-1852.	3.4	120
1050	Have bird distributions shifted along an elevational gradient on a tropical mountain?. <i>Ecology and Evolution</i> , 2017, 7, 9914-9924.	0.8	50
1051	Nutrition modifies critical thermal maximum of a dominant canopy ant. <i>Journal of Insect Physiology</i> , 2017, 102, 1-6.	0.9	45
1052	Dynamic conservation for migratory species. <i>Science Advances</i> , 2017, 3, e1700707.	4.7	118
1053	Using microhabitat thermal heterogeneity to avoid lethal overheating: an empirical approximation in reproductive oviparous and viviparous lizards. <i>Revista Mexicana De Biodiversidad</i> , 2017, 88, 683-690.	0.4	5
1054	Future breeding and foraging sites of a southern edge population of the locally endangered Black Guillemot <i>Cephus grylle</i> . <i>Bird Study</i> , 2017, 64, 306-316.	0.4	4
1055	Environmental correlates of breeding abundance and population change of Eurasian Curlew <i>Numenius arquata</i> in Britain. <i>Bird Study</i> , 2017, 64, 393-409.	0.4	35
1056	Substantial decline of Northern European peatland bird populations: Consequences of drainage. <i>Biological Conservation</i> , 2017, 214, 223-232.	1.9	38
1057	Molecular ecology of insect pests of agricultural importance: the case of aphids. <i>Ecological Entomology</i> , 2017, 42, 18-27.	1.1	6
1058	Reptiles and frogs conform to multiple conceptual landscape models in an agricultural landscape. <i>Diversity and Distributions</i> , 2017, 23, 1408-1422.	1.9	16
1059	Birds on the move in the face of climate change: High species turnover in northern Europe. <i>Ecology and Evolution</i> , 2017, 7, 8201-8209.	0.8	40

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1061	Microgeographic Adaptation of Wood Frog Tadpoles to an Apex Predator. <i>Copeia</i> , 2017, 105, 451-461.	1.4	16
1062	Admixture on the northern front: population genomics of range expansion in the white-footed mouse (<i>Peromyscus leucopus</i>) and secondary contact with the deer mouse (<i>Peromyscus maniculatus</i>). <i>Heredity</i> , 2017, 119, 447-458.	1.2	27
1063	Long-term community change: bryophytes are more responsive than vascular plants to nitrogen deposition and warming. <i>Journal of Vegetation Science</i> , 2017, 28, 1220-1229.	1.1	42
1064	Cross-taxa generalities in the relationship between population abundance and ambient temperatures. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017, 284, 20170870.	1.2	17
1065	Evolutionarily significant units of the critically endangered leaf frog <i>Pithecopus ayeaye</i> (Anura, Phyllomedusidae) are not effectively preserved by the Brazilian protected areas network. <i>Ecology and Evolution</i> , 2017, 7, 8812-8828.	0.8	20
1066	Parasite biodiversity faces extinction and redistribution in a changing climate. <i>Science Advances</i> , 2017, 3, e1602422.	4.7	194
1067	Relative influences of climate change and human activity on the onshore distribution of polar bears. <i>Biological Conservation</i> , 2017, 214, 288-294.	1.9	57
1068	Elevated seasonal temperatures eliminate thermal barriers of reproduction of a dominant invasive species: A community state change for northern communities?. <i>Diversity and Distributions</i> , 2017, 23, 1182-1192.	1.9	18
1069	Elevational range shifts in four mountain ungulate species from the <i>Swiss Alps</i> . <i>Ecosphere</i> , 2017, 8, e01761.	1.0	44
1070	Effect of altitudinal gradients on forest structure and composition on ridge tops in Garhwal Himalaya. <i>Energy, Ecology and Environment</i> , 2017, 2, 404-417.	1.9	24
1071	Searching for Biotic Multipliers of Climate Change. <i>Integrative and Comparative Biology</i> , 2017, 57, 134-147.	0.9	34
1072	Indirect Effects of Global Change: From Physiological and Behavioral Mechanisms to Ecological Consequences. <i>Integrative and Comparative Biology</i> , 2017, 57, 48-54.	0.9	19
1073	Protected areas offer refuge from invasive species spreading under climate change. <i>Global Change Biology</i> , 2017, 23, 5331-5343.	4.2	142
1074	Reduced reproductive performance associated with warmer ambient temperatures during incubation in a winter-breeding, food-storing passerine. <i>Ecology and Evolution</i> , 2017, 7, 3029-3036.	0.8	8
1075	Rapid morphological divergence in two closely related and co-occurring species over the last 50 years. <i>Evolutionary Ecology</i> , 2017, 31, 847-864.	0.5	27
1076	Projection in snowfall characteristics over the European Alps and its sensitivity to the <i>SST</i> changes: results from a 50 km resolution <i>AGCM</i> . <i>Atmospheric Science Letters</i> , 2017, 18, 261-267.	0.8	4
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1079	Modeling local effects on propagule movement and the potential expansion of mangroves and associated fauna: testing in a sub-tropical lagoon. <i>Hydrobiologia</i> , 2017, 803, 173-187.	1.0	4
1080	Rapid warming forces contrasting growth trends of subalpine fir (<i>Abies fabri</i>) at higher- and lower-elevations in the eastern Tibetan Plateau. <i>Forest Ecology and Management</i> , 2017, 402, 135-144.	1.4	44
1081	Dynamic landscape metapopulation models predict complex response of wildlife populations to climate and landscape change. <i>Ecosphere</i> , 2017, 8, e01890.	1.0	13
1082	Boom-bust dynamics in biological invasions: towards an improved application of the concept. <i>Ecology Letters</i> , 2017, 20, 1337-1350.	3.0	143
1083	Winter and summer weather modulate the demography of wild turkeys at the northern edge of the species distribution. <i>Population Ecology</i> , 2017, 59, 239-249.	0.7	10
1084	Temperature drives abundance fluctuations, but spatial dynamics is constrained by landscape configuration: Implications for climate-driven range shift in a butterfly. <i>Journal of Animal Ecology</i> , 2017, 86, 1339-1351.	1.3	24
1085	Bridging the gap between climate science and regional-scale biodiversity conservation in south-eastern Australia. <i>Ecological Modelling</i> , 2017, 360, 343-362.	1.2	13
1086	Future climate vulnerability – evaluating multiple lines of evidence. <i>Frontiers in Ecology and the Environment</i> , 2017, 15, 367-376.	1.9	11
1087	Earlier flowering did not alter pollen limitation in an early flowering shrub under short-term experimental warming. <i>Scientific Reports</i> , 2017, 7, 2795.	1.6	4
1088	A framework integrating physiology, dispersal and land use to project species ranges under climate change. <i>Journal of Avian Biology</i> , 2017, 48, 1532-1548.	0.6	14
1089	Differential Effects of Climate on Survival Rates Drive Hybrid Zone Movement. <i>Current Biology</i> , 2017, 27, 3898-3903.e4.	1.8	15
1090	The Role of Vegetation Structure in Controlling Distributions of Vertebrate Herbivores in Arctic Alaska. <i>Arctic, Antarctic, and Alpine Research</i> , 2017, 49, 291-304.	0.4	11
1091	Interactive effects of temperature and habitat complexity on freshwater communities. <i>Ecology and Evolution</i> , 2017, 7, 9333-9346.	0.8	18
1092	Climate Change, Managed Relocation, and the Risk of Intra-Continental Plant Invasions: A Theoretical and Empirical Exploration Relative To the Flora of New England. <i>Rhodora</i> , 2017, 119, 73-109.	0.0	6
1093	Environmental noise reduces predation rate in an aquatic invertebrate. <i>Journal of Insect Conservation</i> , 2017, 21, 839-847.	0.8	15
1095	Close and distant: Contrasting the metabolism of two closely related subspecies of Scots pine under the effects of folivory and summer drought. <i>Ecology and Evolution</i> , 2017, 7, 8976-8988.	0.8	20
1096	Phenological shifts conserve thermal niches in North American birds and reshape expectations for climate-driven range shifts. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 12976-12981.	3.3	124

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1100	Rapid assessment of metapopulation viability under climate and land-use change. <i>Ecological Complexity</i> , 2017, 31, 125-134.	1.4	0
1101	Responses of lichen communities to 18 years of natural and experimental warming. <i>Annals of Botany</i> , 2017, 120, 159-170.	1.4	35
1102	Research on climate-change impact on Southern Ocean and Antarctic ecosystems after the UN Paris climate conference—“now more than ever” or “set sail to new shores?”. <i>Polar Biology</i> , 2017, 40, 1481-1492.	0.5	4
1103	Human disturbance and upward expansion of plants in a warming climate. <i>Nature Climate Change</i> , 2017, 7, 577-580.	8.1	97
1104	A New Approach to Modelling the Relationship Between Annual Population Abundance Indices and Weather Data. <i>Journal of Agricultural, Biological, and Environmental Statistics</i> , 2017, 22, 427-445.	0.7	2
1105	Evolving mutation rate advances the invasion speed of a sexual species. <i>BMC Evolutionary Biology</i> , 2017, 17, 150.	3.2	16
1106	Heterogeneous distributional responses to climate warming: evidence from rodents along a subtropical elevational gradient. <i>BMC Ecology</i> , 2017, 17, 17.	3.0	19
1107	Prediction of future malaria hotspots under climate change in sub-Saharan Africa. <i>Climatic Change</i> , 2017, 143, 415-428.	1.7	20
1108	Conifer Presence May Negatively Affect Sugar Maple's Ability to Migrate into the Boreal Forest Through Reduced Foliar Nutritional Status. <i>Ecosystems</i> , 2017, 20, 701-716.	1.6	16
1109	Multi-state, multi-stage modeling of nest success suggests interaction between weather and land use. <i>Ecology</i> , 2017, 98, 175-186.	1.5	12
1110	A near half-century of temporal change in different facets of avian diversity. <i>Global Change Biology</i> , 2017, 23, 2999-3011.	4.2	67
1111	Climate change is not a major driver of shifts in the geographical distributions of North American birds. <i>Global Ecology and Biogeography</i> , 2017, 26, 333-346.	2.7	39
1112	Herbivory and nutrient limitation protect warming tundra from lowland species' invasion and diversity loss. <i>Global Change Biology</i> , 2017, 23, 245-255.	4.2	21
1113	Sensitivity of UK butterflies to local climatic extremes: which life stages are most at risk?. <i>Journal of Animal Ecology</i> , 2017, 86, 108-116.	1.3	70
1114	Responses of arthropod populations to warming depend on latitude: evidence from urban heat islands. <i>Global Change Biology</i> , 2017, 23, 1436-1447.	4.2	64

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1116	Citizen science can improve conservation science, natural resource management, and environmental protection. <i>Biological Conservation</i> , 2017, 208, 15-28.	1.9	703
1117	Heat resistance throughout ontogeny: body size constrains thermal tolerance. <i>Global Change Biology</i> , 2017, 23, 686-696.	4.2	113
1118	Population trends influence species ability to track climate change. <i>Global Change Biology</i> , 2017, 23, 1390-1399.	4.2	29
1119	Paralysis and heart failure precede ion balance disruption in heat-stressed European green crabs. <i>Journal of Thermal Biology</i> , 2017, 68, 186-194.	1.1	6
1120	Effects of high latitude protected areas on bird communities under rapid climate change. <i>Global Change Biology</i> , 2017, 23, 2241-2249.	4.2	23
1121	Impacts of climate change on national biodiversity population trends. <i>Ecography</i> , 2017, 40, 1139-1151.	2.1	56
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1123	Effect of white striping myopathy on breast muscle (<i>Pectoralis major</i>) protein turnover and gene expression in broilers. <i>Poultry Science</i> , 2017, 96, 886-893.	1.5	27
1124	Climate Change Impacts on <i>Faidherbia albida</i> (Delile) A. Chev. Distribution in Dry Lands of Ethiopia. <i>African Journal of Ecology</i> , 2017, 55, 233-243.	0.4	13
1125	Tracking lags in historical plant species' shifts in relation to regional climate change. <i>Global Change Biology</i> , 2017, 23, 1305-1315.	4.2	92
1126	Effects of microclimate and species identity on body temperature and thermal tolerance of ants (Hymenoptera: Formicidae). <i>Austral Entomology</i> , 2017, 56, 104-114.	0.8	21
1127	Effects of experimental warming on biodiversity depend on ecosystem type and local species composition. <i>Oikos</i> , 2017, 126, 8-17.	1.2	87
1128	Montane birds shift downslope despite recent warming in the northern Appalachian Mountains. <i>Journal of Ornithology</i> , 2017, 158, 493-505.	0.5	29
1129	Drivers of species richness and compositional change in Scottish coastal vegetation. <i>Applied Vegetation Science</i> , 2017, 20, 183-193.	0.9	16
1130	The role of competition, ecotones, and temperature in the elevational distribution of Himalayan birds. <i>Ecology</i> , 2017, 98, 337-348.	1.5	64
1131	Disturbances catalyze the adaptation of forest ecosystems to changing climate conditions. <i>Global Change Biology</i> , 2017, 23, 269-282.	4.2	110
1132	Predictive distribution modeling and population status of the endangered <i>Macaca munzala</i> in Arunachal Pradesh, India. <i>American Journal of Primatology</i> , 2017, 79, 1-10.	0.8	11

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1134	High genetic diversity vs. low genetic and morphological differentiation of <i>Argiope trifasciata</i> (Araneae, Araneidae) in Tunisia. <i>Systematics and Biodiversity</i> , 2017, 15, 1-15.	0.5	14
1136	Altitudinal Range Shifts of Birds At the Southern Periphery of the Boreal Forest: 40 Years of Change In the Adirondack Mountains. <i>Wilson Journal of Ornithology</i> , 2017, 129, 742.	0.1	14
1137	Air pollution, food production and food security: A review from the perspective of food system. <i>Journal of Integrative Agriculture</i> , 2017, 16, 2945-2962.	1.7	65
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1146	Mapping the Potential Global Range of the Brown Marmorated Stink Bug, <i>Halyomorpha halys</i> , with Particular Reference to New Zealand. <i>Climate</i> , 2017, 5, 75.	1.2	6
1147	Mixing It Up: The Role of Hybridization in Forest Management and Conservation under Climate Change. <i>Forests</i> , 2017, 8, 237.	0.9	41
1148	Impacts of Global Change on Mediterranean Forests and Their Services. <i>Forests</i> , 2017, 8, 463.	0.9	98
1149	Changes over 26 Years in the Avifauna of the Bogotá Region, Colombia: Has Climate Change Become Important?. <i>Frontiers in Ecology and Evolution</i> , 2017, 5, .	1.1	14
1150	Agro-Ecological Class Stability Decreases in Response to Climate Change Projections for the Pacific Northwest, USA. <i>Frontiers in Ecology and Evolution</i> , 2017, 5, .	1.1	23
1151	Citizen Science as a Tool for Augmenting Museum Collection Data from Urban Areas. <i>Frontiers in Ecology and Evolution</i> , 2017, 5, .	1.1	59
1152	Noni (<i>Morinda citrifolia</i>) Modulates the Hypothalamic Expression of Stress- and Metabolic-Related Genes in Broilers Exposed to Acute Heat Stress. <i>Frontiers in Genetics</i> , 2017, 8, 192.	1.1	36

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1155	Apparent climate-mediated loss and fragmentation of core habitat of the American pika in the Northern Sierra Nevada, California, USA. <i>PLoS ONE</i> , 2017, 12, e0181834.	1.1	32
1156	Which climate change path are we following? Bad news from Scots pine. <i>PLoS ONE</i> , 2017, 12, e0189468.	1.1	18
1157	Climate change versus deforestation: Implications for tree species distribution in the dry forests of southern Ecuador. <i>PLoS ONE</i> , 2017, 12, e0190092.	1.1	25
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1159	Adaptive responses to salinity stress across multiple life stages in anuran amphibians. <i>Frontiers in Zoology</i> , 2017, 14, 40.	0.9	60
1160	The relative influence of change in habitat and climate on elevation range limits in small mammals in Yosemite National Park, California, U.S.A.. <i>Climate Change Responses</i> , 2017, 4, .	2.6	24
1161	Differences in Rate and Direction of Shifts between Phytoplankton Size Structure and Sea Surface Temperature. <i>Remote Sensing</i> , 2017, 9, 222.	1.8	9
1162	The potential effects of future climate change on suitable habitat for the Taiwan partridge (<i>Arborophila crudigularis</i>): an ensemble-based forecasting method. <i>Turkish Journal of Zoology</i> , 2017, 41, 513-521.	0.4	2
1164	Surface wetting strategy prevents acute heat exposure-induced alterations of hypothalamic stress and metabolic-related genes in broiler chickens. <i>Journal of Animal Science</i> , 2017, 95, 1132-1143.	0.2	17
1165	Genetic Consequences of Invasive Species in the Galapagos Islands. <i>Social and Ecological Interactions in the Galapagos Islands</i> , 2018, , 19-32.	0.4	6
1166	Growth-competition-herbivore resistance trade-offs and the responses of alpine plant communities to climate change. <i>Functional Ecology</i> , 2018, 32, 1693-1703.	1.7	24
1167	Flight range, fuel load and the impact of climate change on the journeys of migrant birds. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20172329.	1.2	45
1168	Warming increases the sensitivity of seedling growth capacity to rainfall in six temperate deciduous tree species. <i>AoB PLANTS</i> , 2018, 10, ply003.	1.2	21
1169	Selection and validation of reference genes for quantitative real-time PCR in <i>Artemisia sphaerocephala</i> based on transcriptome sequence data. <i>Gene</i> , 2018, 657, 39-49.	1.0	16
1170	Recent trends in non-native, invertebrate, plant pest establishments in Great Britain, accounting for time lags in reporting. <i>Agricultural and Forest Entomology</i> , 2018, 20, 496-504.	0.7	15
1171	A review and meta-analysis of the effects of climate change on Holarctic mountain and upland bird populations. <i>Ibis</i> , 2018, 160, 489-515.	1.0	117

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1172	Allogenic succession of Korean fir (<i>Abies koreana</i> Wils.) forests in different climate condition. <i>Ecological Research</i> , 2018, 33, 327-340.	0.7	7
1173	Validation of reference genes for accurate normalization of gene expression with quantitative real-time PCR in <i>Haloxylon ammodendron</i> under different abiotic stresses. <i>Physiology and Molecular Biology of Plants</i> , 2018, 24, 455-463.	1.4	14
1174	The importance of marginal population hotspots of cold-adapted species for research on climate change and conservation. <i>Journal of Biogeography</i> , 2018, 45, 977-985.	1.4	42
1175	Future climate and habitat distribution of Himalayan Musk Deer (<i>Moschus chrysogaster</i>). <i>Ecological Informatics</i> , 2018, 44, 101-108.	2.3	29
1176	Climate-driven range shifts of the king penguin in a fragmented ecosystem. <i>Nature Climate Change</i> , 2018, 8, 245-251.	8.1	95
1177	Two closely related species differ in their regional genetic differentiation despite admixing. <i>AoB PLANTS</i> , 2018, 10, ply007.	1.2	5
1178	Misleading prioritizations from modelling range shifts under climate change. <i>Global Ecology and Biogeography</i> , 2018, 27, 658-666.	2.7	39
1179	More than range exposure: Global otter vulnerability to climate change. <i>Biological Conservation</i> , 2018, 221, 103-113.	1.9	41
1181	Use of genetic, climatic, and microbiological data to inform reintroduction of a regionally extinct butterfly. <i>Conservation Biology</i> , 2018, 32, 828-837.	2.4	26
1182	Physiological regulation of poplar species to experimental warming differs between species with contrasting elevation ranges. <i>New Forests</i> , 2018, 49, 329-340.	0.7	5
1183	Assessing the landscape functional connectivity using movement maps: a case study with endemic Azorean insects. <i>Journal of Insect Conservation</i> , 2018, 22, 257-265.	0.8	8
1184	Response to climate change of montane herbaceous plants in the genus <i>Rhodiola</i> predicted by ecological niche modelling. <i>Scientific Reports</i> , 2018, 8, 5879.	1.6	55
1185	Does current climate explain plant disjunctions? A test using the New Zealand alpine flora. <i>Journal of Biogeography</i> , 2018, 45, 1490-1499.	1.4	9
1186	Effects of drying and rewetting on soluble phosphorus and nitrogen in forest floors: An experiment with undisturbed columns. <i>Journal of Plant Nutrition and Soil Science</i> , 2018, 181, 177-184.	1.1	15
1187	An empirical test of the relative and combined effects of land-cover and climate change on local colonization and extinction. <i>Global Change Biology</i> , 2018, 24, 3849-3861.	4.2	23
1188	Shifts in plant distributions in response to climate warming in a biodiversity hotspot, the Hengduan Mountains. <i>Journal of Biogeography</i> , 2018, 45, 1334-1344.	1.4	115
1189	Climate change impacts on boreal forest timber supply. <i>Forest Policy and Economics</i> , 2018, 92, 11-21.	1.5	57
1190	Range contraction and increasing isolation of a polar bear subpopulation in an era of sea-ice loss. <i>Ecology and Evolution</i> , 2018, 8, 2062-2075.	0.8	38

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1192	Can sugar maple establish into the boreal forest? Insights from seedlings under various canopies in southern Quebec. <i>Ecosphere</i> , 2018, 9, e02022.	1.0	16
1193	Accelerated increase in plant species richness on mountain summits is linked to warming. <i>Nature</i> , 2018, 556, 231-234.	13.7	580
1194	Quantifying species recovery and conservation success to develop an IUCN Green List of Species. <i>Conservation Biology</i> , 2018, 32, 1128-1138.	2.4	167
1195	Are all data types and connectivity models created equal? Validating common connectivity approaches with dispersal data. <i>Diversity and Distributions</i> , 2018, 24, 868-879.	1.9	147
1196	Marine invertebrate migrations trace climate change over 450 million years. <i>Global Ecology and Biogeography</i> , 2018, 27, 704-713.	2.7	24
1197	Habitat protection actions for the Indo-Pacific humpback dolphin: Baseline gaps, scopes, and resolutions for the Taiwanese subspecies. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2018, 28, 733-743.	0.9	18
1198	Slow and steady wins the race? Future climate and land use change leaves the imperiled Blanding's turtle (<i>Emydoidea blandingii</i>) behind. <i>Biological Conservation</i> , 2018, 222, 75-85.	1.9	20
1199	The response of big sagebrush (<i>Artemisia tridentata</i>) to interannual climate variation changes across its range. <i>Ecology</i> , 2018, 99, 1139-1149.	1.5	40
1200	Land-use change interacts with climate to determine elevational species redistribution. <i>Nature Communications</i> , 2018, 9, 1315.	5.8	158
1201	Retreat to refugia: Severe habitat contraction projected for endemic alpine plants of the Olympic Peninsula. <i>American Journal of Botany</i> , 2018, 105, 760-778.	0.8	15
1202	Spring-fen habitat islands in a warming climate: Partitioning the effects of mesoclimate air and water temperature on aquatic and terrestrial biota. <i>Science of the Total Environment</i> , 2018, 634, 355-365.	3.9	31
1203	Chaparral Landscape Conversion in Southern California. <i>Springer Series on Environmental Management</i> , 2018, , 323-346.	0.3	25
1204	Canadian butterfly climate debt is significant and correlated with range size. <i>Ecography</i> , 2018, 41, 2005-2015.	2.1	23
1205	Seasonal variation in diet and nutrition of the northernmost population of <i>Rhinopithecus roxellana</i> . <i>American Journal of Primatology</i> , 2018, 80, e22755.	0.8	29
1206	Transportation Infrastructures and Arthropod Dispersal: Are Harvestmen (Opiliones) Hitchhiking to Northern Europe?. <i>Journal of Ethnobiology</i> , 2018, 38, 55-70.	0.8	8
1207	Evolutionary Responses to Climate Change. , 2018, , 43-49.		0
1208	Species Responses to Climate Change: Integrating Individual-Based Ecology Into Community and Ecosystem Studies. , 2018, , 139-147.		5

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1210	Future global productivity will be affected by plant trait response to climate. Scientific Reports, 2018, 8, 2870.	1.6	95
1211	Biogeographic constraints to marine conservation in a changing climate. Annals of the New York Academy of Sciences, 2018, 1429, 5-17.	1.8	40
1212	Microrefugia and Climate Change Adaptation: A Practical Guide for Wildland Managers. , 2018, , 289-300.		0
1213	Climate Change May Trigger Broad Shifts in North America's Pacific Coastal Rainforests. , 2018, , 233-244.		3
1214	Climate Change: Warming Impacts on Marine Biodiversity. , 2018, , 353-373.		28
1215	Geographic range velocity and its association with phylogeny and life history traits in North American woody plants. Ecology and Evolution, 2018, 8, 2632-2644.	0.8	9
1216	Spatial and temporal assessments of genetic structure in an endangered Garry oak ecosystem on Vancouver Island. Botany, 2018, 96, 257-265.	0.5	3
1217	Sea trout (<i>Salmo trutta</i>) growth patterns during early steps of invasion in the Kerguelen Islands. Polar Biology, 2018, 41, 925-934.	0.5	7
1218	Range dynamics of mountain plants decrease with elevation. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 1848-1853.	3.3	284
1219	Soil temperature effects on the structure and diversity of plant and invertebrate communities in a natural warming experiment. Journal of Animal Ecology, 2018, 87, 634-646.	1.3	47
1220	No upward shift of alpine grassland distribution on the Qinghai-Tibetan Plateau despite rapid climate warming from 2000 to 2014. Science of the Total Environment, 2018, 625, 1361-1368.	3.9	17
1221	Current spring warming as a driver of selection on reproductive timing in a wild passerine. Journal of Animal Ecology, 2018, 87, 754-764.	1.3	35
1222	Integrating direct observation and GPS tracking to monitor animal behavior for resource management. Environmental Monitoring and Assessment, 2018, 190, 75.	1.3	6
1223	Phylogeography of the pelagic snail <i>Limacina helicina</i> (Gastropoda: Thecosomata) in the subarctic western North Pacific. Journal of Molluscan Studies, 2018, 84, 30-37.	0.4	14
1224	Geographical range size and latitude predict population genetic structure in a global survey. Biology Letters, 2018, 14, 20170566.	1.0	50
1225	Effects of grazing abandonment and climate change on mountain summits flora: a case study in the Tatra Mts. Plant Ecology, 2018, 219, 261-276.	0.7	16
1226	Areas of endemism persist through time: A palaeoclimatic analysis in the Mexican Transition Zone. Journal of Biogeography, 2018, 45, 952-961.	1.4	13

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1227	Spatial patterns of pathogenic and mutualistic fungi across the elevational range of a host plant. <i>Journal of Ecology</i> , 2018, 106, 1545-1557.	1.9	25
1228	Related herbivore species show similar temporal dynamics. <i>Journal of Animal Ecology</i> , 2018, 87, 801-812.	1.3	8
1229	Elevation patterns of plant diversity and recent altitudinal range shifts in Sinai's high mountain flora. <i>Journal of Vegetation Science</i> , 2018, 29, 255-264.	1.1	8
1230	Life history traits and physiological limits of the alpine fly <i>Drosophila nigrosarsa</i> (Diptera: Tj ETQq1 1 0.784314 rgBT / Overl	0.8	11
1231	A taxonomic, functional, and phylogenetic perspective on the community assembly of passerine birds along an elevational gradient in southwest China. <i>Ecology and Evolution</i> , 2018, 8, 2712-2720.	0.8	22
1232	Altitudinal heterogeneity and vulnerability assessment of protected area network for climate change adaptation planning in central Iran. <i>Applied Geography</i> , 2018, 92, 94-103.	1.7	11
1233	Reconstructing geographic range-size dynamics from fossil data. <i>Paleobiology</i> , 2018, 44, 25-39.	1.3	25
1234	Enhancing the WorldClim data set for national and regional applications. <i>Science of the Total Environment</i> , 2018, 625, 1628-1643.	3.9	32
1235	Potentially dangerous consequences for biodiversity of solar geoengineering implementation and termination. <i>Nature Ecology and Evolution</i> , 2018, 2, 475-482.	3.4	89
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1237	Rapid range expansion of the Brazilian free-tailed bat in the southeastern United States, 2008–2016. <i>Journal of Mammalogy</i> , 2018, 99, 312-320.	0.6	33
1238	Insect temperature–body size trends common to laboratory, latitudinal and seasonal gradients are not found across altitudes. <i>Functional Ecology</i> , 2018, 32, 948-957.	1.7	41
1239	Demographic history influences spatial patterns of genetic diversity in recently expanded coyote (<i>Canis latrans</i>) populations. <i>Heredity</i> , 2018, 120, 183-195.	1.2	18
1240	Integrating remote sensing and demography for more efficient and effective assessment of changing mountain forest distribution. <i>Ecological Informatics</i> , 2018, 43, 106-115.	2.3	20
1241	BioCORACLE v2.0: Extending marine data layers for bioclimatic modelling. <i>Global Ecology and Biogeography</i> , 2018, 27, 277-284.	2.7	567
1242	Geographical isolation and environmental heterogeneity contribute to the spatial genetic patterns of <i>Quercus kerrii</i> (Fagaceae). <i>Heredity</i> , 2018, 120, 219-233.	1.2	32
1243	Old-growth forests buffer climate-sensitive bird populations from warming. <i>Diversity and Distributions</i> , 2018, 24, 439-447.	1.9	63
1244	Competition between cheatgrass and bluebunch wheatgrass is altered by temperature, resource availability, and atmospheric CO ₂ concentration. <i>Oecologia</i> , 2018, 186, 855-868.	0.9	14

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1246	Climate Warming as a Possible Trigger of Keystone Mussel Population Decline in Oligotrophic Rivers at the Continental Scale. <i>Scientific Reports</i> , 2018, 8, 35.	1.6	47
1247	The neurobiology of climate change. <i>Die Naturwissenschaften</i> , 2018, 105, 11.	0.6	11
1248	Bat diversity in Carajás National Forest (Eastern Amazon) and potential impacts on ecosystem services under climate change. <i>Biological Conservation</i> , 2018, 218, 200-210.	1.9	29
1249	Soil bacterial community responses to altered precipitation and temperature regimes in an old field grassland are mediated by plants. <i>FEMS Microbiology Ecology</i> , 2018, 94, .	1.3	54
1250	Opportunities and challenges for big data ornithology. <i>Condor</i> , 2018, 120, 414-426.	0.7	58
1251	Interglacial refugia on tropical mountains: Novel insights from the summit rat (<i>Rattus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 502 Td (1.9	26
1252	Predicting population viability of the narrow endemic Mediterranean plant <i>Centaurea corymbosa</i> under climate change. <i>Biological Conservation</i> , 2018, 223, 19-33.	1.9	10
1253	Climate Velocity Can Inform Conservation in a Warming World. <i>Trends in Ecology and Evolution</i> , 2018, 33, 441-457.	4.2	124
1254	Effects of oil exposure, plant species composition, and plant genotypic diversity on salt marsh and mangrove assemblages. <i>Ecosphere</i> , 2018, 9, e02207.	1.0	13
1255	Impacts on terrestrial biodiversity of moving from a 2°C to a 1.5°C target. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2018, 376, 20160456.	1.6	24
1256	Climate change: potential implications for Ireland's biodiversity. <i>International Journal of Biometeorology</i> , 2018, 62, 1221-1228.	1.3	3
1257	Contemporary climate-driven range shifts: Putting evolution back on the table. <i>Functional Ecology</i> , 2018, 32, 1652-1665.	1.7	62
1258	Past and future impact of climate change on foraging habitat suitability in a high-alpine bird species: Management options to buffer against global warming effects. <i>Biological Conservation</i> , 2018, 221, 209-218.	1.9	33
1259	Fifty Years of Mountain Passes: A Perspective on Dan Janzen's Classic Article. <i>American Naturalist</i> , 2018, 191, 553-565.	1.0	85
1260	CO2 Sequestration: Processes and Methodologies. , 2018, , 1-50.		1
1261	Incorporating Social and Ecological Adaptive Capacity into Vulnerability Assessments and Management Decisions for Biodiversity Conservation. <i>BioScience</i> , 2018, 68, 371-380.	2.2	13
1262	The implications of the United Nations Paris Agreement on climate change for globally significant biodiversity areas. <i>Climatic Change</i> , 2018, 147, 395-409.	1.7	72

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1263	Assessment of rock pool fish assemblages along a latitudinal gradient. <i>Marine Biodiversity</i> , 2018, 48, 1147-1158.	0.3	10
1264	Repeated Drought Alters Resistance of Seed Bank Regeneration in Baldcypress Swamps of North America. <i>Ecosystems</i> , 2018, 21, 190-201.	1.6	9
1265	Declining diversity and abundance of High Arctic fly assemblages over two decades of rapid climate warming. <i>Ecography</i> , 2018, 41, 265-277.	2.1	80
1266	Variation in adult stress resistance does not explain vulnerability to climate change in copper butterflies. <i>Insect Science</i> , 2018, 25, 894-904.	1.5	3
1267	The "golden kelp" <i>Laminaria ochroleuca</i> under global change: Integrating multiple eco-physiological responses with species distribution models. <i>Journal of Ecology</i> , 2018, 106, 47-58.	1.9	78
1268	Modelling species responses to extreme weather provides new insights into constraints on range and likely climate change impacts for Australian mammals. <i>Ecography</i> , 2018, 41, 308-320.	2.1	44
1269	Herbivore-induced plant volatiles accurately predict history of coexistence, diet breadth, and feeding mode of herbivores. <i>New Phytologist</i> , 2018, 220, 726-738.	3.5	50
1270	Climate change may drive cave spiders to extinction. <i>Ecography</i> , 2018, 41, 233-243.	2.1	80
1271	New poleward observations of 30 tropical reef fishes in temperate southeastern Australia. <i>Marine Biodiversity</i> , 2018, 48, 2249-2254.	0.3	25
1272	Importance of antecedent environmental conditions in modeling species distributions. <i>Ecography</i> , 2018, 41, 825-836.	2.1	13
1273	Analog-based fire regime and vegetation shifts in mountainous regions of the western US. <i>Ecography</i> , 2018, 41, 910-921.	2.1	39
1274	Time lag between glacial retreat and upward migration alters tropical alpine communities. <i>Perspectives in Plant Ecology, Evolution and Systematics</i> , 2018, 30, 89-102.	1.1	62
1275	Managing consequences of climate-driven species redistribution requires integration of ecology, conservation and social science. <i>Biological Reviews</i> , 2018, 93, 284-305.	4.7	154
1276	Gatekeepers to the effects of climate warming? Niche construction restricts plant community changes along a temperature gradient. <i>Perspectives in Plant Ecology, Evolution and Systematics</i> , 2018, 30, 71-81.	1.1	29
1277	Humusica 1, article 7: Terrestrial humus systems and forms " Field practice and sampling problems. <i>Applied Soil Ecology</i> , 2018, 122, 92-102.	2.1	11
1278	Elevational transplantation suggests different responses of African submontane and savanna plants to climate warming. <i>Journal of Ecology</i> , 2018, 106, 296-305.	1.9	4
1279	Trait-dependent distributional shifts in fruiting of common British fungi. <i>Ecography</i> , 2018, 41, 51-61.	2.1	19
1280	Biotic interactions and seed deposition rather than abiotic factors determine recruitment at elevational range limits of an alpine tree. <i>Journal of Ecology</i> , 2018, 106, 948-959.	1.9	49

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1281	Wildfireâ€“vegetation dynamics affect predictions of climate change impact on bird communities. <i>Ecography</i> , 2018, 41, 982-995.	2.1	14
1282	Climate change, tourism and historical grazing influence the distribution of <i>Carex lachenalii</i> Schkuhr â€“ A rare arctic-alpine species in the Tatra Mts. <i>Science of the Total Environment</i> , 2018, 618, 1628-1637.	3.9	27
1283	The influence of rangeâ€“wide plant genetic variation on soil invertebrate communities. <i>Ecography</i> , 2018, 41, 1135-1146.	2.1	4
1284	Humusica 2, article 18: Techno humus systems and global change â€“ Greenhouse effect, soil and agriculture. <i>Applied Soil Ecology</i> , 2018, 122, 254-270.	2.1	5
1285	The impact of the introduced <i>Digitonthophagus gazella</i> on a native dung beetle community in Brazil during 26Âyears. <i>Biological Invasions</i> , 2018, 20, 963-979.	1.2	26
1286	The dispersal success and persistence of populations with asymmetric dispersal. <i>Theoretical Ecology</i> , 2018, 11, 55-69.	0.4	7
1287	Rapid evolution of phenology during range expansion with recent climate change. <i>Global Change Biology</i> , 2018, 24, e534-e544.	4.2	54
1288	Limited stand expansion by a longâ€“lived conifer at a leading northern range edge, despite available habitat. <i>Journal of Ecology</i> , 2018, 106, 911-924.	1.9	11
1289	Environmental Correlates with Germinable Weed Seedbanks on Organic Farms across Northern New England. <i>Weed Science</i> , 2018, 66, 78-93.	0.8	5
1290	How disturbance, competition, and dispersal interact to prevent tree range boundaries from keeping pace with climate change. <i>Global Change Biology</i> , 2018, 24, e335-e351.	4.2	97
1291	Cumulative stress restricts niche filling potential of habitatâ€“forming kelps in a future climate. <i>Functional Ecology</i> , 2018, 32, 288-299.	1.7	21
1292	Geographic signatures in species turnover: decoupling colonization and extinction across a latitudinal gradient. <i>Oikos</i> , 2018, 127, 507-517.	1.2	2
1293	Synchronizing biological cycles as key to survival under a scenario of global change: The Common quail (<i>Coturnix coturnix</i>) strategy. <i>Science of the Total Environment</i> , 2018, 613-614, 1295-1301.	3.9	9
1294	Strong responses of <i>Drosophila melanogaster</i> microbiota to developmental temperature. <i>Fly</i> , 2018, 12, 1-12.	0.9	93
1295	Genetic adaptation as a biological buffer against climate change: Potential and limitations. <i>Integrative Zoology</i> , 2018, 13, 372-391.	1.3	56
1296	Extinct, obscure or imaginary: The lizard species with the smallest ranges. <i>Diversity and Distributions</i> , 2018, 24, 262-273.	1.9	66
1297	Physical effects of habitatâ€“forming species override latitudinal trends in temperature. <i>Ecology Letters</i> , 2018, 21, 190-196.	3.0	46
1298	Land use and life history limit migration capacity of eastern tree species. <i>Global Ecology and Biogeography</i> , 2018, 27, 57-67.	2.7	39

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1299	Predicting climate change impacts on the distribution of the threatened <i>Garcinia indica</i> in the Western Ghats, India. <i>Climate Risk Management</i> , 2018, 19, 94-105.	1.6	70
1300	Linking species thermal tolerance to elevational range shifts in upland dung beetles. <i>Ecography</i> , 2018, 41, 1510-1519.	2.1	29
1301	Restoration of plant species and genetic diversity depends on landscapeâ€scale dispersal. <i>Restoration Ecology</i> , 2018, 26, S92.	1.4	62
1302	Diversity patterns in sandy forest-steppes: a comparative study from the western and central Palaearctic. <i>Biodiversity and Conservation</i> , 2018, 27, 1011-1030.	1.2	26
1303	Concomitant impacts of climate change, fragmentation and nonâ€native species have led to reorganization of fish communities since the 1980s. <i>Global Ecology and Biogeography</i> , 2018, 27, 213-222.	2.7	56
1304	Tree leaf and root traits mediate soil faunal contribution to litter decomposition across an elevational gradient. <i>Functional Ecology</i> , 2018, 32, 840-852.	1.7	47
1305	Asymmetric crossâ€border protection of peripheral transboundary species. <i>Conservation Letters</i> , 2018, 11, e12430.	2.8	26
1306	Elevational gradients in plant defences and insect herbivory: recent advances in the field and prospects for future research. <i>Ecography</i> , 2018, 41, 1485-1496.	2.1	97
1307	Ecophysiological variation across a forestâ€ecotone gradient produces divergent climate change vulnerability within species. <i>Ecography</i> , 2018, 41, 1627-1637.	2.1	17
1308	Digital footprints: Incorporating crowdsourced geographic information for protected area management. <i>Applied Geography</i> , 2018, 90, 44-54.	1.7	70
1309	Forecasting range shifts of a coldâ€adapted species under climate change: are genomic and ecological diversity within species crucial for future resilience?. <i>Ecography</i> , 2018, 41, 1357-1369.	2.1	28
1310	Lags in the response of mountain plant communities to climate change. <i>Global Change Biology</i> , 2018, 24, 563-579.	4.2	279
1311	The mismeasure of science: Citation analysis. <i>Journal of the Association for Information Science and Technology</i> , 2018, 69, 474-482.	1.5	56
1312	Mesocosm experiments reveal the direction of groundwaterâ€surface water exchange alters the hyporheic refuge capacity under warming scenarios. <i>Freshwater Biology</i> , 2018, 63, 165-177.	1.2	10
1313	Changes in habitat suitability influence nonâ€breeding distribution of waterbirds in central Europe. <i>Ibis</i> , 2018, 160, 582-596.	1.0	7
1314	Paintings predict the distribution of species, or the challenge of selecting environmental predictors and evaluation statistics. <i>Global Ecology and Biogeography</i> , 2018, 27, 245-256.	2.7	336
1315	Enough space in a warmer world? Microhabitat diversity and smallâ€scale distribution of alpine plants on mountain summits. <i>Diversity and Distributions</i> , 2018, 24, 252-261.	1.9	49
1316	Environmental representativeness and the role of emitter and recipient areas in the future trajectory of a protected area under climate change. <i>Animal Biodiversity and Conservation</i> , 2018, 41, 333-344.	0.3	5

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1317	Range-wide variation in the effect of spring snow phenology on Dall sheep population dynamics. <i>Environmental Research Letters</i> , 2018, 13, 075008.	2.2	14
1318	The Cedars of Lebanon, the Limits of Restoration, and Cultural Loss. <i>Ecological Restoration</i> , 2018, 36, 261-262.	0.5	3
1319	Canada Warbler (<i>Cardellina canadensis</i>): novel molecular markers and a preliminary analysis of genetic diversity and structure. <i>Avian Conservation and Ecology</i> , 2018, 13, .	0.3	4
1320	Impact of climate change on biodiversity and associated key ecosystem services in Africa: a systematic review. <i>Ecosystem Health and Sustainability</i> , 2018, 4, 225-239.	1.5	174
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1322	OBSOLETE: Species Responses to Climate Change: Integrating Individual-Based Ecology Into Community and Ecosystem Studies. , 2018, , .		1
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1324	RAD-seq reveals genetic structure of the F2-generation of natural willow hybrids (<i>Salix</i> L.) and a great potential for interspecific introgression. <i>BMC Plant Biology</i> , 2018, 18, 317.	1.6	31
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1328	Changes in feeding selectivity of freshwater invertebrates across a natural thermal gradient. <i>Environmental Epigenetics</i> , 2018, 64, 231-242.	0.9	19
1329	Plant-plant interactions could limit recruitment and range expansion of tall shrubs into alpine and Arctic tundra. <i>Polar Biology</i> , 2018, 41, 2211-2219.	0.5	11
1330	Flowering Time as a Model Trait to Bridge Proximate and Evolutionary Questions. , 2018, , 171-194.		3
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1336	Out in the Cold: Trophic Resource Use by the Common Frog (<i>Rana temporaria</i>) Populations Inhabiting Extreme Habitats. <i>Annales Zoologici Fennici</i> , 2018, 55, 257-275.	0.2	2
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1343	Distributional shifts in a biodiversity hotspot. <i>Biological Conservation</i> , 2018, 228, 252-258.	1.9	2
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1346	Giant panda distributional and habitat-use shifts in a changing landscape. <i>Conservation Letters</i> , 2018, 11, e12575.	2.8	98
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1350	Landscape Genomics for Wildlife Research. <i>Population Genomics</i> , 2018, , 145-184.	0.2	41
1351	Gene expression is implicated in the ability of pikas to occupy Himalayan elevational gradient. <i>PLoS ONE</i> , 2018, 13, e0207936.	1.1	9
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1355	Navigating fragmented landscapes: Canada lynx brave poor quality habitats while traveling. <i>Ecology and Evolution</i> , 2018, 8, 11293-11308.	0.8	7
1356	Divergent responses to warming of two common co-occurring Mediterranean bryozoans. <i>Scientific Reports</i> , 2018, 8, 17455.	1.6	24
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1358	Shifting daylength regimes associated with range shifts alter aphid-parasitoid community dynamics. <i>Ecology and Evolution</i> , 2018, 8, 8761-8769.	0.8	14
1359	Post-breeding movement and habitat use by wood frogs along an Arctic-Subarctic ecotone. <i>Arctic, Antarctic, and Alpine Research</i> , 2018, 50, .	0.4	8
1360	Disproportionate magnitude of climate change in United States national parks. <i>Environmental Research Letters</i> , 2018, 13, 104001.	2.2	64
1361	An economic model of metapopulation dynamics. <i>Ecological Modelling</i> , 2018, 387, 196-204.	1.2	1
1362	Using species traits to guide conservation actions under climate change. <i>Climatic Change</i> , 2018, 151, 317-332.	1.7	35
1363	Transplant Experiments Point to Fire Regime as Limiting Savanna Tree Distribution. <i>Frontiers in Ecology and Evolution</i> , 2018, 6, .	1.1	14
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1371	An Economist's Guide to Climate Change Science. <i>Journal of Economic Perspectives</i> , 2018, 32, 3-32.	2.7	80
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1374	Using species distribution modelling to determine opportunities for trophic rewilding under future scenarios of climate change. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2018, 373, 20170446.	1.8	50
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1376	Climatic niche breadth determines the response of bumblebees (<i>Bombus</i> spp.) to climate warming in mountain areas of the Northern Iberian Peninsula. <i>Journal of Insect Conservation</i> , 2018, 22, 771-779.	0.8	14
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1378	Context-dependent mutualisms in the Joshua tree–yucca moth system shift along a climate gradient. <i>Ecosphere</i> , 2018, 9, e02439.	1.0	22
1379	Ambient changes exceed treatment effects on plant species abundance in global change experiments. <i>Global Change Biology</i> , 2018, 24, 5668-5679.	4.2	25
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1382	A Study on Marketing Strategies using Social Media in Facebook, Youtube, Pinterest. <i>International Journal of Engineering and Technology(UAE)</i> , 2018, 7, 114.	0.2	3
1383	Long-distance migratory birds threatened by multiple independent risks from global change. <i>Nature Climate Change</i> , 2018, 8, 992-996.	8.1	86
1384	Potential landscape-scale pollinator networks across Great Britain: structure, stability and influence of agricultural land cover. <i>Ecology Letters</i> , 2018, 21, 1821-1832.	3.0	48
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1386	Species persistence under climate change: a geographical scale coexistence problem. <i>Ecology Letters</i> , 2018, 21, 1589-1603.	3.0	31
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1388	Expanding, shifting and shrinking: The impact of global warming on species' elevational distributions. <i>Global Ecology and Biogeography</i> , 2018, 27, 1268-1276.	2.7	190
1389	Waterbird communities adjust to climate warming according to conservation policy and species protection status. <i>Biological Conservation</i> , 2018, 227, 205-212.	1.9	29
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1392	Changes in the Geographic Distribution of the Diana Fritillary (<i>Speyeria diana</i> : Nymphalidae) under Forecasted Predictions of Climate Change. <i>Insects</i> , 2018, 9, 94.	1.0	2
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1394	Changing Thermal Landscapes: Merging Climate Science and Landscape Ecology through Thermal Biology. <i>Current Landscape Ecology Reports</i> , 2018, 3, 57-72.	1.1	43
1395	Cracking the Code of Biodiversity Responses to Past Climate Change. <i>Trends in Ecology and Evolution</i> , 2018, 33, 765-776.	4.2	119
1396	The physiological cold tolerance of warm-climate plants is correlated with their latitudinal range limit. <i>Biology Letters</i> , 2018, 14, 20180277.	1.0	12
1397	Study of bacterial associated with kolanut soil plantation and waste looking at their benefits to man and his environment. <i>Nigerian Journal of Technology</i> , 2018, 37, 1128.	0.2	3
1398	Indication of environmental changes in mountain catchments by dendroclimatology. <i>Soil and Water Research</i> , 2018, 13, 208-217.	0.7	2
1399	Rapid southward and upward range expansion of a tropical songbird, the Thrush-like Wren (<i>Campylorhynchus turdinus</i>), in South America: a consequence of habitat or climate change?. <i>Revista Brasileira De Ornitologia</i> , 2018, 26, 57-64.	0.2	6
1400	Tropical Forests Are An Ideal Habitat for Wide Array of Wildlife Species. , 0, , .		3
1401	Evaluation of the Water-Storage Capacity of Bryophytes along an Altitudinal Gradient from Temperate Forests to the Alpine Zone. <i>Forests</i> , 2018, 9, 433.	0.9	21
1403	Clines in traits compared over two decades in a plant hybrid zone. <i>Annals of Botany</i> , 2018, 122, 315-324.	1.4	16
1404	Annual temperature variation as a time machine to understand the effects of long-term climate change on a poleward range shift. <i>Global Change Biology</i> , 2018, 24, 3804-3819.	4.2	12
1405	The projected effect on insects, vertebrates, and plants of limiting global warming to 1.5°C rather than 2°C. <i>Science</i> , 2018, 360, 791-795.	6.0	244
1406	Niche conservatism of <i>Aedes albopictus</i> and <i>Aedes aegypti</i> - two mosquito species with different invasion histories. <i>Scientific Reports</i> , 2018, 8, 7733.	1.6	31
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1412	Adaptive differentiation of <i>Festuca rubra</i> along a climate gradient revealed by molecular markers and quantitative traits. <i>PLoS ONE</i> , 2018, 13, e0194670.	1.1	17
1413	Solar radiation and ENSO predict fruiting phenology patterns in a 15-year record from Kibale National Park, Uganda. <i>Biotropica</i> , 2018, 50, 384-395.	0.8	57
1414	Raptors as Seed Dispersers. , 2018, , 139-158.		6
1415	Duplication of hsp-110 Is Implicated in Differential Success of <i>Globodera</i> Species under Climate Change. <i>Molecular Biology and Evolution</i> , 2018, 35, 2401-2413.	3.5	11
1416	Range shifts in response to past and future climate change: Can climate velocities and species' dispersal capabilities explain variation in mammalian range shifts?. <i>Journal of Biogeography</i> , 2018, 45, 2175-2189.	1.4	74
1417	Geographical variation in the influence of habitat and climate on site occupancy turnover in American pika (<i>Ochotona princeps</i>). <i>Diversity and Distributions</i> , 2018, 24, 1506-1520.	1.9	10
1418	Compounding effects of human development and a natural food shortage on a black bear population along a human development-wildland interface. <i>Biological Conservation</i> , 2018, 224, 188-198.	1.9	60
1419	The recent northward expansion of <i>Lymantria monacha</i> in relation to realised changes in temperatures of different seasons. <i>Forest Ecology and Management</i> , 2018, 427, 96-105.	1.4	24
1420	Utilization and Botanical Significance of Himalayan Herbs. , 2018, , 33-86.		0
1421	An ecological and evolutionary perspective on species coexistence under global change. <i>Current Opinion in Insect Science</i> , 2018, 29, 71-77.	2.2	13
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1423	Taxonomic and functional diversity change is scale dependent. <i>Nature Communications</i> , 2018, 9, 2565.	5.8	117
1424	Towards a mechanistic understanding of global change ecology. <i>Functional Ecology</i> , 2018, 32, 1648-1651.	1.7	9
1425	Climate change leads to accelerated transformation of high-elevation vegetation in the central Alps. <i>New Phytologist</i> , 2018, 220, 447-459.	3.5	143
1426	A meta-analysis of the ecological and evolutionary drivers of metabolic rates in brachyuran crabs. <i>Marine and Freshwater Behaviour and Physiology</i> , 2018, 51, 109-123.	0.4	4
1427	Early monsoon failure and mid-summer dryness induces growth cessation of lower range margin <i>Picea crassifolia</i> . <i>Trees - Structure and Function</i> , 2018, 32, 1401-1413.	0.9	12

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1431	Range expansion and redefinition of a crop-raiding rodent associated with global warming and temperature increase. <i>Climatic Change</i> , 2018, 150, 319-331.	1.7	22
1432	Response of estuarine meiofauna communities to shifts in spatial distribution of keystone species: An experimental approach. <i>Estuarine, Coastal and Shelf Science</i> , 2018, 212, 365-371.	0.9	10
1433	Potential medium-term impacts of climate change on tuna and billfish in the Gulf of Mexico: A qualitative framework for management and conservation. <i>Marine Environmental Research</i> , 2018, 141, 1-11.	1.1	14
1434	Long-term variability in vegetation productivity in relation to rainfall, herbivory and fire in Tswalu Kalahari Reserve. <i>Koedoe</i> , 2018, 60, .	0.3	19
1435	Heritability and Evolutionary Potential Drive Cold Hardiness in the Overwintering <i>Ophraella communa</i> Beetles. <i>Frontiers in Physiology</i> , 2018, 9, 666.	1.3	13
1436	Rapid warming is associated with population decline among terrestrial birds and mammals globally. <i>Global Change Biology</i> , 2018, 24, 4521-4531.	4.2	137
1437	A Genomic Map of Climate Adaptation in <i>Arabidopsis thaliana</i> at a Micro-Geographic Scale. <i>Frontiers in Plant Science</i> , 2018, 9, 967.	1.7	65
1438	Glucocorticoid–environment relationships align with responses to environmental change in two co-occurring congeners. <i>Ecological Applications</i> , 2018, 28, 1683-1693.	1.8	6
1439	Microbial Diversity in Asian Deserts: Distribution, Biotechnological Importance, and Environmental Impacts. <i>Microorganisms for Sustainability</i> , 2018, , 365-387.	0.4	1
1441	Historical distributions of bobcats (<i>Lynx rufus</i>) and Canada lynx (<i>Lynx</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 267 T 2018, 96, 1299-1308.	0.4	9
1442	Predicting Success of Range-Expanding Coral Reef Fish in Temperate Habitats Using Temperature-Abundance Relationships. <i>Frontiers in Marine Science</i> , 2018, 5, .	1.2	25
1443	Dramatic loss of seagrass habitat under projected climate change in the Mediterranean Sea. <i>Global Change Biology</i> , 2018, 24, 4919-4928.	4.2	140
1444	Translating MC2 DGVM Results into Ecosystem Services for Climate Change Mitigation and Adaptation. <i>Climate</i> , 2018, 6, 1.	1.2	44
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1446	Projecting the Range Shifts in Climatically Suitable Habitat for Chinese Sea Buckthorn under Climate Change Scenarios. <i>Forests</i> , 2018, 9, 9.	0.9	28

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1448	Plant community response to <i>Artemisia rothrockii</i> (sagebrush) encroachment and removal along an arid elevational gradient. <i>Journal of Vegetation Science</i> , 2018, 29, 859-866.	1.1	4
1449	Rapid shifts in distribution and high-latitude persistence of oceanographic habitat revealed using citizen science data from a climate change hotspot. <i>Global Change Biology</i> , 2018, 24, 5440-5453.	4.2	45
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1452	Adaptation Without Boundaries: Population Genomics in Marine Systems. <i>Population Genomics</i> , 2018, , 587-612.	0.2	2
1453	Impact of Climate Change on Spider Species Distribution Along the La Plata River Basin, Southern South America: Projecting Future Range Shifts for the Genus <i>Stenoterommata</i> (Araneae). <i>TJ ETQq0 0 0 rgBT / Overlock 10 Tf 50 49</i>	0.2	2
1454	Habitat assessment of Marco Polo sheep (<i>Ovis ammon polii</i>) in Eastern Tajikistan: Modeling the effects of climate change. <i>Ecology and Evolution</i> , 2018, 8, 5124-5138.	0.8	19
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1457	Invoking adaptation to decipher the genetic legacy of past climate change. <i>Ecology</i> , 2018, 99, 1530-1546.	1.5	72
1458	Can the effect of species ecological traits on birds' altitudinal changes differ between geographic areas?. <i>Acta Oecologica</i> , 2018, 92, 26-34.	0.5	11
1459	Mapping future fire probability under climate change: Does vegetation matter?. <i>PLoS ONE</i> , 2018, 13, e0201680.	1.1	41
1460	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
1461	Marine sublittoral benthos fails to track temperature in response to climate change in a biogeographical transition zone. <i>ICES Journal of Marine Science</i> , 2018, 75, 1894-1907.	1.2	9
1462	<i>Thylacospermum caespitosum</i> population structure and cushion species community diversity along an altitudinal gradient. <i>Environmental Science and Pollution Research</i> , 2018, 25, 28998-29005.	2.7	4
1463	Climate warming leads to divergent succession of grassland microbial communities. <i>Nature Climate Change</i> , 2018, 8, 813-818.	8.1	208
1464	Tundra arthropods provide key insights into ecological responses to environmental change. <i>Polar Biology</i> , 2018, 41, 1523-1529.	0.5	27

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1465	Northern range shift may be due to increased competition induced by protection of species rather than to climate change alone. <i>Ecology and Evolution</i> , 2018, 8, 8364-8379.	0.8	12
1466	Vegetation structure mediates a shift in predator avoidance behavior in a range-edge population. <i>Behavioral Ecology</i> , 2018, 29, 1124-1131.	1.0	9
1467	Evolution for extreme living: variation in mitochondrial cytochrome <i>c</i> oxidase genes correlated with elevation in pikas (genus <i>Ochotona</i>). <i>Integrative Zoology</i> , 2018, 13, 517-535.	1.3	8
1468	Facilitating your replacement? Ecosystem engineer legacy affects establishment success of an expanding competitor. <i>Oecologia</i> , 2018, 188, 251-262.	0.9	12
1469	Soil properties and climate mediate the effects of biotic interactions on the performance of a woody range expander. <i>Ecosphere</i> , 2018, 9, e02186.	1.0	5
1470	Changes in the geographical distribution of plant species and climatic variables on the West Cornwall peninsula (South West UK). <i>PLoS ONE</i> , 2018, 13, e0191021.	1.1	29
1471	Delineating and identifying long-term changes in the whooping crane (<i>Grus americana</i>) migration corridor. <i>PLoS ONE</i> , 2018, 13, e0192737.	1.1	15
1472	Species migrations and range shifts: A synthesis of causes and consequences. <i>Perspectives in Plant Ecology, Evolution and Systematics</i> , 2018, 33, 62-77.	1.1	53
1473	Assessing agreement among alternative climate change projections to inform conservation recommendations in the contiguous United States. <i>Scientific Reports</i> , 2018, 8, 9441.	1.6	30
1474	Distribution shifts of marine taxa in the Pacific Arctic under contemporary climate changes. <i>Diversity and Distributions</i> , 2018, 24, 1583-1597.	1.9	41
1475	Changing windows of opportunity: past and future climate-driven shifts in temporal persistence of kingfish (<i>Seriola lalandi</i>) oceanographic habitat within south-eastern Australian bioregions. <i>Marine and Freshwater Research</i> , 2019, 70, 33.	0.7	32
1476	Spatial scale, topography and thermoregulatory behaviour interact when modelling species' thermal niches. <i>Ecography</i> , 2019, 42, 376-389.	2.1	22
1477	Range limits in sympatric cryptic species: a case study in <i>Tetramorium</i> pavement ants (Hymenoptera: Formicidae) across a biogeographical boundary. <i>Insect Conservation and Diversity</i> , 2019, 12, 109-120.	1.4	12
1478	Heritability of climate-relevant traits in a rainforest skink. <i>Heredity</i> , 2019, 122, 41-52.	1.2	30
1479	Joint effects of weather and interspecific competition on foraging behavior and survival of a mountain herbivore. <i>Environmental Epigenetics</i> , 2019, 65, 165-175.	0.9	18
1480	Climate change increases ecogeographical isolation between closely related plants. <i>Journal of Ecology</i> , 2019, 107, 167-177.	1.9	10
1481	Where the wild birds go: explaining the differences in migratory destinations across terrestrial bird species. <i>Ecography</i> , 2019, 42, 225-236.	2.1	52
1482	Diachronic variations in the distribution of butterflies and dragonflies linked to recent habitat changes in Western Europe. <i>Insect Conservation and Diversity</i> , 2019, 12, 49-68.	1.4	8

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1484	Matching habitat choice promotes species persistence under climate change. <i>Oikos</i> , 2019, 128, 221-234.	1.2	18
1485	Comparing future shifts in tree species distributions across Europe projected by statistical and dynamic process-based models. <i>Regional Environmental Change</i> , 2019, 19, 251-266.	1.4	26
1486	Not just a migration problem: $\langle \text{sc} \rangle \text{M} \langle / \text{sc} \rangle$ etapopulations, habitat shifts, and gene flow are also important for fishway science and management. <i>River Research and Applications</i> , 2019, 35, 1688-1696.	0.7	48
1487	Finding answers in the dark: caves as models in ecology fifty years after Poulson and White. <i>Ecography</i> , 2019, 42, 1331-1351.	2.1	118
1488	Highlighting declines of cold-demanding plant species in lowlands under climate warming. <i>Ecography</i> , 2019, 42, 36-44.	2.1	17
1489	Prioritizing the protection of climate refugia: designing a climate-ready protected area network. <i>Journal of Environmental Planning and Management</i> , 2019, 62, 2588-2606.	2.4	21
1490	Climate and development modulate the metabolome and antioxidative system of date palm leaves. <i>Journal of Experimental Botany</i> , 2019, 70, 5959-5969.	2.4	21
1491	Skewed temperature dependence affects range and abundance in a warming world. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20191157.	1.2	16
1492	Synergistic and antagonistic effects of land use and non-native species on community responses to climate change. <i>Global Change Biology</i> , 2019, 25, 4303-4314.	4.2	26
1493	Worldwide distribution and theoretical spreading of <i>Trichoferus campestris</i> (Coleoptera: Tj ETQq0 0 0 rgBT /Overlock,10 Tf 50 342 Td (C	0.8	7
1494	Climate Change Is Breaking Earth's Beat. <i>Trends in Ecology and Evolution</i> , 2019, 34, 971-973.	4.2	55
1495	Should potential for climate change refugia be mainstreamed into the criteria for describing EBSAs?. <i>Conservation Letters</i> , 2019, 12, e12634.	2.8	20
1496	Environmental niche modeling for some species of the genus <i>Anthrax Scopoli</i> (Diptera: Bombyliidae) in Egypt, with special notes on St. Catherine protected area as a suitable habitat. <i>Journal of Insect Conservation</i> , 2019, 23, 831-841.	0.8	12
1497	A full and authentic reckoning of species'™ ranges for conservation: response to AkÅšakaya etÅal. 2018. <i>Conservation Biology</i> , 2019, 33, 1208-1210.	2.4	17
1498	Major range loss predicted from lack of heat adaptability in an alpine <i>Drosophila</i> species. <i>Science of the Total Environment</i> , 2019, 695, 133753.	3.9	26
1499	Potential changes in the distribution of suitable habitat for Pacific sardine (<i>Sardinops sagax</i>) under climate change scenarios. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2019, 169-170, 104632.	0.6	13
1500	Adaptation œfrom belowœto changes in species distribution, habitat and climate in agro-ecosystems in the Terai Plains of Nepal. <i>Ambio</i> , 2019, 48, 1482-1497.	2.8	12

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1502	Widespread drought-induced tree mortality at dry range edges indicates that climate stress exceeds species' compensating mechanisms. <i>Global Change Biology</i> , 2019, 25, 3793-3802.	4.2	153
1503	Smaller future floods imply less habitat for riparian plants along a boreal river. <i>Ecological Applications</i> , 2019, 29, e01977.	1.8	13
1504	Implications of climate change on the habitat shifts of tropical lizards. <i>Austral Ecology</i> , 2019, 44, 1174-1186.	0.7	6
1505	Global loss of climate connectivity in tropical forests. <i>Nature Climate Change</i> , 2019, 9, 623-626.	8.1	49
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1509	Impacts of a changing earth on microbial dynamics and human health risks in the continuum between beach water and sand. <i>Water Research</i> , 2019, 162, 456-470.	5.3	53
1510	Comparative analyses of wetland plant biomass accumulation and litter decomposition subject to in situ warming and nitrogen addition. <i>Science of the Total Environment</i> , 2019, 691, 769-778.	3.9	11
1511	Carrion Ecology and Management. <i>Wildlife Research Monographs</i> , 2019, , .	0.4	16
1512	Implications of seasonal and annual heat accumulation for population dynamics of an invasive defoliator. <i>Oecologia</i> , 2019, 190, 703-714.	0.9	8
1513	Where winter rules: Modeling wild boar distribution in its north-eastern range. <i>Science of the Total Environment</i> , 2019, 687, 1055-1064.	3.9	32
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1515	Species interactions under climate change: connecting kinetic effects of temperature on individuals to community dynamics. <i>Current Opinion in Insect Science</i> , 2019, 35, 88-95.	2.2	71
1516	Infrastructure expansion challenges sustainable development in Papua New Guinea. <i>PLoS ONE</i> , 2019, 14, e0219408.	1.1	26
1517	Persistence and turnover in desert plant communities during a 37-yr period of land use and climate change. <i>Ecological Monographs</i> , 2019, 89, e01390.	2.4	11
1518	Rapid recovery of thermal environment after selective logging in the Amazon. <i>Agricultural and Forest Meteorology</i> , 2019, 278, 107637.	1.9	26

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1520	Morpho-physiological variability of <i>Pinus nigra</i> populations reveals climate-driven local adaptation but weak water use differentiation. <i>Environmental and Experimental Botany</i> , 2019, 166, 103828.	2.0	15
1521	Exploring the Interplay Between Local and Regional Drivers of Distribution of a Subterranean Organism. <i>Diversity</i> , 2019, 11, 119.	0.7	9
1522	Effects of Elevated Carbon Dioxide on Marine Ecosystem and Associated Fishes. <i>Thalassas</i> , 2019, 35, 421-429.	0.1	13
1523	Diverging phenological responses of Arctic seabirds to an earlier spring. <i>Global Change Biology</i> , 2019, 25, 4081-4091.	4.2	35
1524	Extreme Marine Heatwaves Alter Kelp Forest Community Near Its Equatorward Distribution Limit. <i>Frontiers in Marine Science</i> , 2019, 6, .	1.2	126
1525	Avian Genomics in Ecology and Evolution. , 2019, , .		4
1526	The Contribution of Genomics to Bird Conservation. , 2019, , 295-330.		5
1527	European mushroom assemblages are darker in cold climates. <i>Nature Communications</i> , 2019, 10, 2890.	5.8	34
1528	Elevated temperatures translate into reduced dispersal abilities in a natural population of an aquatic insect. <i>Journal of Animal Ecology</i> , 2019, 88, 1498-1509.	1.3	25
1529	Transplanting gravid lizards to high elevation alters maternal and embryonic oxygen physiology, but not reproductive success or hatchling phenotype. <i>Journal of Experimental Biology</i> , 2019, 222, .	0.8	16
1530	White birch has limited phenotypic plasticity to take advantage of increased photoperiods at higher latitudes north of the seed origin. <i>Forest Ecology and Management</i> , 2019, 451, 117565.	1.4	8
1531	Principal threats to the conservation of freshwater habitats in the continental biogeographical region of Central Europe. <i>Biodiversity and Conservation</i> , 2019, 28, 4065-4097.	1.2	31
1532	Long-term phenology of two North American secondary cavity-nesters in response to changing climate conditions. <i>Die Naturwissenschaften</i> , 2019, 106, 54.	0.6	6
1533	Climate change erodes competitive hierarchies among native, alien and range-extending crabs. <i>Marine Environmental Research</i> , 2019, 151, 104777.	1.1	10
1534	Effects of climate on spider beta diversity across different Mediterranean habitat types. <i>Biodiversity and Conservation</i> , 2019, 28, 3971-3988.	1.2	10
1535	A Review of the Effects of Climate Change on Chelonians. <i>Diversity</i> , 2019, 11, 138.	0.7	28
1536	The Effects of Interaction between Climate Change and Land Use/Cover Change on Biodiversity-Related Ecosystem Services. <i>Global Challenges</i> , 2019, 3, 1800095.	1.8	42

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1538	Complementary Use of Various Types of Anthropogenic Habitats by <i>Scolia hirta</i> (Hymenoptera: Tj ETQq1 1 0.784314 rgBT /Qoverlock	0.7	0
1539	Climate change has more adverse impacts on the higher mountain communities than the lower ones: people's perception from the northern Himalayas. <i>Journal of Mountain Science</i> , 2019, 16, 2625-2639.	0.8	7
1540	Early life history responses and phenotypic shifts in a rare endemic plant responding to climate change. , 2019, 7, coz076.		4
1541	Stealing Home: Looting, Restitution and Reconstructing Jewish Lives in France, 1942–1947, by Shannon L. Fogg. <i>English Historical Review</i> , 2019, , .	0.0	0
1542	Population extinctions driven by climate change, population size, and time since observation may make rare species databases inaccurate. <i>PLoS ONE</i> , 2019, 14, e0210378.	1.1	7
1543	Arctic shrub colonization lagged peak postglacial warmth: Molecular evidence in lake sediment from Arctic Canada. <i>Global Change Biology</i> , 2019, 25, 4244-4256.	4.2	43
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1545	Plant-Soil Feedbacks and Facilitation Influence the Demography of Herbaceous Alpine Species in Response to Woody Plant Range Expansion. <i>Frontiers in Ecology and Evolution</i> , 2019, 7, .	1.1	2
1546	The Restructuring of Levant Reefs by Aliens, Ocean Warming and Overfishing. , 2019, , 214-236.		4
1547	Conceptual Risk Framework: Integrating Ecological Risk of Introduced Species with Recipient Ecosystems. <i>BioScience</i> , 2019, , .	2.2	7
1548	Assessing the Spatial Distribution of Biodiversity in a Changing Temperature Pattern: The Case of Catalonia, Spain. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 4026.	1.2	4
1549	Soil functional responses to drought under range-expanding and native plant communities. <i>Functional Ecology</i> , 2019, 33, 2402-2416.	1.7	13
1550	Refugia under threat: Mass bleaching of coral assemblages in high-latitude eastern Australia. <i>Global Change Biology</i> , 2019, 25, 3918-3931.	4.2	56
1551	Reduced body sizes in climate-impacted Borneo moth assemblages are primarily explained by range shifts. <i>Nature Communications</i> , 2019, 10, 4612.	5.8	18
1552	Identifying Key Knowledge Gaps to Better Protect Biodiversity and Simultaneously Secure Livelihoods in a Priority Conservation Area. <i>Sustainability</i> , 2019, 11, 5695.	1.6	5
1553	Habitat availability explains variation in climate-driven range shifts across multiple taxonomic groups. <i>Scientific Reports</i> , 2019, 9, 15039.	1.6	85
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1557	Climate change and its potential impact on the conservation of the Hoary Fox, <i>Lycalopex vetulus</i> (Mammalia: Canidae). <i>Mammalian Biology</i> , 2019, 98, 91-101.	0.8	8
1558	<p><p>Tropical sand-bubblers heading north? First discovery of Scopimera curtelsona Shen, 1936 (Crustacea: Decapoda: Dotillidae) populations in Hong Kong: possible range expansion from Hainan, China</p>. <i>Zootaxa</i>, 2019, 4652, 520-532.</p>	0.2	2
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1561	Insights from present distribution of an alpine mammal Royle's pika (<i>Ochotona roylei</i>) to predict future climate change impacts in the Himalaya. <i>Regional Environmental Change</i> , 2019, 19, 2423-2435.	1.4	14
1562	Gene Flow and Genetic Variation Explain Signatures of Selection across a Climate Gradient in Two Riparian Species. <i>Genes</i> , 2019, 10, 579.	1.0	12
1563	Species traits and reduced habitat suitability limit efficacy of climate change refugia in streams. <i>Nature Ecology and Evolution</i> , 2019, 3, 1321-1330.	3.4	37
1564	Historical records reveal the distinctive associations of human disturbance and extreme climate change with local extinction of mammals. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 19001-19008.	3.3	49
1565	Predictive Modeling of Suitable Habitats for <i>Cinnamomum Camphora</i> (L.) Presl Using Maxent Model under Climate Change in China. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 3185.	1.2	23
1566	Rapid Climate-Driven Circulation Changes Threaten Conservation of Endangered North Atlantic Right Whales. <i>Oceanography</i> , 2019, 32, .	0.5	97
1567	Temperature preference can bias parental genome retention during hybrid evolution. <i>PLoS Genetics</i> , 2019, 15, e1008383.	1.5	30
1568	Atlantic corals under climate change: modelling distribution shifts to predict richness, phylogenetic structure and trait-diversity changes. <i>Biodiversity and Conservation</i> , 2019, 28, 3873-3890.	1.2	8
1569	Extinction debts and colonization credits of non-forest plants in the European Alps. <i>Nature Communications</i> , 2019, 10, 4293.	5.8	63
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1572	Testing Methods to Minimise Range-shifting Time with Conservation Actions. , 2019, , .		1

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1574	Lizards at the Peak: Physiological Plasticity Does Not Maintain Performance in Lizards Transplanted to High Altitude. <i>Physiological and Biochemical Zoology</i> , 2019, 92, 189-200.	0.6	28
1575	Fire, CO ₂ , and climate effects on modeled vegetation and carbon dynamics in western Oregon and Washington. <i>PLoS ONE</i> , 2019, 14, e0210989.	1.1	5
1576	Drought-mediated extinction of an aridland amphibian: insights from a spatially explicit dynamic occupancy model. <i>Ecological Applications</i> , 2019, 29, e01859.	1.8	19
1577	Spatial contraction of demersal fish populations in a large marine ecosystem. <i>Journal of Biogeography</i> , 2019, 46, 633-645.	1.4	30
1578	A meta-analysis of catalytic literature data reveals property-performance correlations for the OCM reaction. <i>Nature Communications</i> , 2019, 10, 441.	5.8	61
1579	Minimising Risks of Global Change by Enhancing Resilience of Pollinators in Agricultural Systems. , 2019, , 105-111.		6
1581	Geographically Structured Growth decline of Rear-Edge Iberian <i>Fagus sylvatica</i> Forests After the 1980s Shift Toward a Warmer Climate. <i>Ecosystems</i> , 2019, 22, 1325-1337.	1.6	28
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1583	Evolving social dynamics prime thermal tolerance during a poleward range shift. <i>Biological Journal of the Linnean Society</i> , 2019, 126, 574-586.	0.7	7
1584	Freshwater species distributions along thermal gradients. <i>Ecology and Evolution</i> , 2019, 9, 111-124.	0.8	9
1585	Protecting rare and endangered species under climate change on the Qinghai Plateau, China. <i>Ecology and Evolution</i> , 2019, 9, 427-436.	0.8	23
1586	Can leaf net photosynthesis acclimate to rising and more variable temperatures?. <i>Plant, Cell and Environment</i> , 2019, 42, 1913-1928.	2.8	35
1587	Regional trade of medicinal plants has facilitated the retention of traditional knowledge: case study in Gilgit-Baltistan Pakistan. <i>Journal of Ethnobiology and Ethnomedicine</i> , 2019, 15, 6.	1.1	17
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1589	Trends and indicators for quantifying moth abundance and occupancy in Scotland. <i>Journal of Insect Conservation</i> , 2019, 23, 369-380.	0.8	45
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1591	Projecting consequences of global warming for the functional diversity of fleshy-fruited plants and frugivorous birds along a tropical elevational gradient. <i>Diversity and Distributions</i> , 2019, 25, 1362-1374.	1.9	12

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1593	Modeling the Bioclimatic Range of Tall Herb Communities in Northeastern Asia. <i>Russian Journal of Ecology</i> , 2019, 50, 241-248.	0.3	3
1594	Conservation in human-dominated landscapes: Lessons from the distribution of the Central American squirrel monkey. <i>Biological Conservation</i> , 2019, 237, 41-49.	1.9	3
1595	Assessing historical and future habitat models for four conservationâ€priority Mojave Desert species. <i>Journal of Biogeography</i> , 2019, 46, 2081-2097.	1.4	7
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1597	Genes on the edge: A framework to detect genetic diversity imperiled by climate change. <i>Global Change Biology</i> , 2019, 25, 4034-4047.	4.2	24
1598	Invasion and drought alter phenological sensitivity and synergistically lower ecosystem production. <i>Ecology</i> , 2019, 100, e02802.	1.5	14
1599	Climate change threatens some miombo tree species of sub-Saharan Africa. <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 2019, 257, 151421.	0.6	11
1600	Effects of climatically shifting species distributions on biocultural relationships. <i>People and Nature</i> , 2019, 1, 87-102.	1.7	19
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1603	Gaps in butterfly inventory data: A global analysis. <i>Biological Conservation</i> , 2019, 236, 289-295.	1.9	37
1604	Humboldtâ€™s <i>Tableau Physique</i> revisited. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 12889-12894.	3.3	50
1605	The Heat Is On: Complexities of Aquatic Endocrine Disruption in a Changing Global Climate. <i>Separation Science and Technology</i> , 2019, , 13-49.	0.0	19
1606	Climate change going deep: The effects of global climatic alterations on cave ecosystems. <i>Infrastructure Asset Management</i> , 2019, 6, 98-116.	1.2	80
1607	Understanding the Impact of Strategic Change Management on the Maritime Crude Oil Transportation Industry in Nigeria. <i>Review of Black Political Economy</i> , 2019, 46, 130-151.	0.6	0
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1609	Holocene Population Decline and Conservation Implication for the Western Hercules Beetle, <i>Dynastes grantii</i> (Coleoptera, Scarabaeidae). <i>Journal of Heredity</i> , 2019, 110, 629-637.	1.0	4

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1616	Crop switching as an adaptation strategy to climate change: the case of Semien Shewa Zone of Ethiopia. <i>International Journal of Climate Change Strategies and Management</i> , 2019, 11, 358-371.	1.5	16
1617	Fine-scale genetic structure and conservation status of American badgers at their northwestern range periphery. <i>Conservation Genetics</i> , 2019, 20, 1023-1034.	0.8	1
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1620	A general framework for propagule dispersal in mangroves. <i>Biological Reviews</i> , 2019, 94, 1547-1575.	4.7	88
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1622	Retention and restoration priorities for climate adaptation in a multi-use landscape. <i>Global Ecology and Conservation</i> , 2019, 18, e00649.	1.0	17
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1624	Artificial reefs facilitate tropical fish at their range edge. <i>Communications Biology</i> , 2019, 2, 168.	2.0	30
1625	Using naturally occurring climate resilient corals to construct bleaching-resistant nurseries. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 10586-10591.	3.3	149
1626	Climate change indirectly reduces breeding frequency of a mobile species through changes in food availability. <i>Ecosphere</i> , 2019, 10, e02656.	1.0	6
1627	An experimental translocation identifies habitat features that buffer camouflage mismatch in snowshoe hares. <i>Conservation Letters</i> , 2019, 12, e12614.	2.8	38

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1629	What can Palaeoclimate Modelling do for you?. <i>Earth Systems and Environment</i> , 2019, 3, 1-18.	3.0	47
1630	Episodic coral growth in China's subtropical coral communities linked to broad-scale climatic change. <i>Geology</i> , 2019, 47, 79-82.	2.0	14
1631	Spatial variation in the ongoing and widespread decline of a keystone plant species. <i>Austral Ecology</i> , 2019, 44, 891-905.	0.7	9
1632	The role of landscape and history on the genetic structure of peripheral populations of the Near Eastern fire salamander, <i>Salamandra atra</i> , in Northern Israel. <i>Conservation Genetics</i> , 2019, 20, 875-889.	0.8	15
1633	Direct and indirect influences of warming on leaf endophytic fungi: A physiological and compositional approach. , 2019, , 125-140.		2
1634	Responses of grasslands to experimental warming. , 2019, , 347-384.		1
1635	Altitudinal gradients fail to predict fungal symbiont responses to warming. <i>Ecology</i> , 2019, 100, e02740.	1.5	25
1636	Extinction risks of a Mediterranean neo-endemism complex of mountain vipers triggered by climate change. <i>Scientific Reports</i> , 2019, 9, 6332.	1.6	31
1637	Antarctic Studies Show Lichens to be Excellent Biomonitoring of Climate Change. <i>Diversity</i> , 2019, 11, 42.	0.7	56
1638	The Influence of Flow Projection Errors on Flood Hazard Estimates in Future Climate Conditions. <i>Water (Switzerland)</i> , 2019, 11, 49.	1.2	10
1639	Ecosystem services by birds and bees to coffee in a changing climate: A review of coffee berry borer control and pollination. <i>Agriculture, Ecosystems and Environment</i> , 2019, 280, 53-67.	2.5	50
1640	The Effect of Climate Change on the Distribution of the Genera <i>Colobus</i> and <i>Cercopithecus</i> . , 2019, , 257-280.		1
1641	Climate and land-use change homogenise terrestrial biodiversity, with consequences for ecosystem functioning and human well-being. <i>Emerging Topics in Life Sciences</i> , 2019, 3, 207-219.	1.1	59
1642	Modelling ecosystem adaptation and dangerous rates of global warming. <i>Emerging Topics in Life Sciences</i> , 2019, 3, 221-231.	1.1	10
1643	Truffles on the move. <i>Frontiers in Ecology and the Environment</i> , 2019, 17, 200-202.	1.9	10
1644	Projected 21st-century distribution of canopy-forming seaweeds in the Northwest Atlantic with climate change. <i>Diversity and Distributions</i> , 2019, 25, 582-602.	1.9	70
1645	Migration of soil microbes may promote tree seedling tolerance to drying conditions. <i>Ecology</i> , 2019, 100, e02729.	1.5	21

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1647	A hierarchical Bayesian Beta regression approach to study the effects of geographical genetic structure and spatial autocorrelation on species distribution range shifts. <i>Molecular Ecology Resources</i> , 2019, 19, 929-943.	2.2	6
1648	Plant biomass, rather than species composition, determines ecosystem properties: Results from a long-term graminoid removal experiment in a northern Canadian grassland. <i>Journal of Ecology</i> , 2019, 107, 2211-2225.	1.9	7
1649	Thermoregulatory traits combine with range shifts to alter the future of montane ant assemblages. <i>Global Change Biology</i> , 2019, 25, 2162-2173.	4.2	16
1650	Impacts of forestation and deforestation on local temperature across the globe. <i>PLoS ONE</i> , 2019, 14, e0213368.	1.1	78
1651	Altitudinal disparity in growth of Dahurian larch (<i>Larix gmelinii</i> Rupr.) in response to recent climate change in northeast China. <i>Science of the Total Environment</i> , 2019, 670, 466-477.	3.9	40
1652	Belowground Consequences of Intracontinental Range-Expanding Plants and Related Natives in Novel Environments. <i>Frontiers in Microbiology</i> , 2019, 10, 505.	1.5	5
1653	Transboundary mammals in the Americas: Asymmetries in protection challenge climate change resilience. <i>Diversity and Distributions</i> , 2019, 25, 674-683.	1.9	10
1654	Climate change, woodpeckers, and forests: Current trends and future modeling needs. <i>Ecology and Evolution</i> , 2019, 9, 2305-2319.	0.8	13
1655	Endangered species management and climate change: When habitat conservation becomes a moving target. <i>Wildlife Society Bulletin</i> , 2019, 43, 11-20.	1.6	29
1656	Climate change and climate change velocity analysis across Germany. <i>Scientific Reports</i> , 2019, 9, 2196.	1.6	15
1657	Forecasting the response to global warming in a heat-sensitive species. <i>Scientific Reports</i> , 2019, 9, 3048.	1.6	37
1658	Marine heatwaves threaten global biodiversity and the provision of ecosystem services. <i>Nature Climate Change</i> , 2019, 9, 306-312.	8.1	883
1659	The current application of ecological connectivity in the design of marine protected areas. <i>Global Ecology and Conservation</i> , 2019, 17, e00569.	1.0	109
1660	Range-expansion effects on the belowground plant microbiome. <i>Nature Ecology and Evolution</i> , 2019, 3, 604-611.	3.4	67
1661	Alternative reproductive adaptations predict asymmetric responses to climate change in lizards. <i>Scientific Reports</i> , 2019, 9, 5093.	1.6	13
1662	Future suitability of habitat in a migratory ungulate under climate change. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20190442.	1.2	18
1663	The adaptive potential of plant populations in response to extreme climate events. <i>Ecology Letters</i> , 2019, 22, 866-874.	3.0	14

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1665	Is wind energy increasing the impact of socio-ecological change on Mediterranean mountain ecosystems? Insights from a modelling study relating wind power boost options with a declining species. <i>Journal of Environmental Management</i> , 2019, 238, 283-295.	3.8	13
1666	Saving endangered species using adaptive management. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 6181-6186.	3.3	95
1667	Presence of an invasive species reverses latitudinal clines of multiple traits in a native species. <i>Global Change Biology</i> , 2019, 25, 620-628.	4.2	12
1668	A model of hardwood tree colonization among forest fragments: predicting migration across human-dominated landscapes. <i>Ecoscience</i> , 2019, 26, 35-51.	0.6	2
1669	Distribution trends of European dragonflies under climate change. <i>Diversity and Distributions</i> , 2019, 25, 936-950.	1.9	84
1670	Environmental stress shapes life-history variation in the swelled-vented frog (<i>Feirana quadranus</i>). <i>Evolutionary Ecology</i> , 2019, 33, 435-448.	0.5	12
1671	Succession matters: Community shifts in moths over three decades increases multifunctionality in intermediate successional stages. <i>Scientific Reports</i> , 2019, 9, 5586.	1.6	22
1672	Stochastic processes drive rapid genomic divergence during experimental range expansions. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20190231.	1.2	8
1673	A minimalist model of extinction and range dynamics of virtual mountain species driven by warming temperatures. <i>PLoS ONE</i> , 2019, 14, e0213775.	1.1	18
1674	Phylogeography and niche modelling: reciprocal enlightenment. <i>Mammalia</i> , 2019, 84, 10-25.	0.3	17
1675	Climate change reduces resilience to fire in subalpine rainforests. <i>Global Change Biology</i> , 2019, 25, 2030-2042.	4.2	27
1676	Projecting biological impacts from climate change like a climate scientist. <i>Wiley Interdisciplinary Reviews: Climate Change</i> , 2019, 10, e585.	3.6	20
1677	Eco-evolution on the edge during climate change. <i>Ecography</i> , 2019, 42, 1280-1297.	2.1	122
1678	On the importance of accounting for intraspecific genomic relatedness in multi-species studies. <i>Methods in Ecology and Evolution</i> , 2019, 10, 994-1001.	2.2	4
1679	A Migratory Divide Among Red-Necked Phalaropes in the Western Palearctic Reveals Contrasting Migration and Wintering Movement Strategies. <i>Frontiers in Ecology and Evolution</i> , 2019, 7, .	1.1	27
1680	Upward elevation and northwest range shifts for alpine <i>Meconopsis</i> species in the Himalaya-Hengduan Mountains region. <i>Ecology and Evolution</i> , 2019, 9, 4055-4064.	0.8	52
1681	Amphibian conservation in Scotland: A review of threats and opportunities. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2019, 29, 647-654.	0.9	1

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1682	Climate and land-use changes reshuffle politically-weighted priority areas of mountain biodiversity. <i>Global Ecology and Conservation</i> , 2019, 17, e00589.	1.0	16
1683	Grazing and warming effects on shrub growth and plant species composition in subalpine dry tundra: An experimental approach. <i>Journal of Vegetation Science</i> , 2019, 30, 698-708.	1.1	15
1684	Loss of genetic diversity, recovery and allele surfing in a colonizing parasite, <i>Geomydoecus aurei</i> . <i>Molecular Ecology</i> , 2019, 28, 703-720.	2.0	11
1685	Tropicalisation of temperate reefs: Implications for ecosystem functions and management actions. <i>Functional Ecology</i> , 2019, 33, 1000-1013.	1.7	131
1686	Comparison of acoustic and traditional point count methods to assess bird diversity and composition in the Aberdare National Park, Kenya. <i>African Journal of Ecology</i> , 2019, 57, 168-176.	0.4	16
1687	Richness of plant communities plays a larger role than climate in determining responses of species richness to climate change. <i>Journal of Ecology</i> , 2019, 107, 1944-1955.	1.9	12
1688	A Comprehensive Model for the Quantitative Estimation of Seed Dispersal by Migratory Mallards. <i>Frontiers in Ecology and Evolution</i> , 2019, 7, .	1.1	28
1689	Potential limitations of behavioral plasticity and the role of egg relocation in climate change mitigation for a thermally sensitive endangered species. <i>Ecology and Evolution</i> , 2019, 9, 1603-1622.	0.8	20
1690	Extreme heterogeneity of population response to climatic variation and the limits of prediction. <i>Global Change Biology</i> , 2019, 25, 2127-2136.	4.2	31
1691	Linking warming effects on phenology, demography, and range expansion in a migratory bird population. <i>Ecology and Evolution</i> , 2019, 9, 2365-2375.	0.8	27
1692	Divergent responses to climate change and disturbance drive recruitment patterns underlying latitudinal shifts of tree species. <i>Journal of Ecology</i> , 2019, 107, 1956-1969.	1.9	41
1693	Lost at high latitudes: Arctic and endemic plants under threat as climate warms. <i>Diversity and Distributions</i> , 2019, 25, 809-821.	1.9	38
1694	Food web rewiring in a changing world. <i>Nature Ecology and Evolution</i> , 2019, 3, 345-354.	3.4	200
1695	Functionally distinct assembly of vascular plants colonizing alpine cushions suggests their vulnerability to climate change. <i>Annals of Botany</i> , 2019, 123, 569-578.	1.4	17
1696	Time of emergence of novel climates for North American migratory bird populations. <i>Ecography</i> , 2019, 42, 1079-1091.	2.1	17
1697	Synergistic effects of climate and land-use change influence broad-scale avian population declines. <i>Global Change Biology</i> , 2019, 25, 1561-1575.	4.2	88
1698	Responses of seed size, ant worker size, and seed removal rate to elevation in Mediterranean grasslands. <i>Oecologia</i> , 2019, 189, 781-793.	0.9	7
1699	How will forest fires impact the distribution of endemic plants in the Himalayan biodiversity hotspot?. <i>Biodiversity and Conservation</i> , 2019, 28, 2259-2273.	1.2	20

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1700	Climate Change and the Impact on Animals. , 2019, , 163-170.		0
1701	Phenology of the avian spring migratory passage in Europe and North America: Asymmetric advancement in time and increase in duration. <i>Ecological Indicators</i> , 2019, 101, 985-991.	2.6	47
1702	Breeding for Climate Resilience in Castor: Current Status, Challenges, and Opportunities. , 2019, , 441-498.		2
1703	Distributional responses to climate change for alpine species of <i>Cyananthus</i> and <i>Primula</i> endemic to the Himalaya-Hengduan Mountains. <i>Plant Diversity</i> , 2019, 41, 26-32.	1.8	30
1704	Endangered Basra Reed-warbler (<i>Acrocephalus</i> & <i>griseldis</i>) recorded for the first time in Turkey (Aves: Acrocephalidae). <i>Turkish Journal of Zoology</i> , 2019, 43, 250-253.	0.4	4
1705	A shift in reptile diversity and abundance over the last 25 years. <i>Israel Journal of Ecology and Evolution</i> , 2019, 65, 10-20.	0.2	0
1706	Is habitat conversion likely to impede the ability of bird species to track changing climate?. <i>Frontiers of Biogeography</i> , 2019, 11, .	0.8	0
1707	Spatial distribution of the Boreal Owl and Northern Saw-whet Owl in the Boreal region of Alberta, Canada. <i>Avian Conservation and Ecology</i> , 2019, 14, .	0.3	6
1708	Climate change threatens New Guinea's biocultural heritage. <i>Science Advances</i> , 2019, 5, eaaz1455.	4.7	42
1709	Targeting Extreme Events: Complementing Near-Term Ecological Forecasting With Rapid Experiments and Regional Surveys. <i>Frontiers in Environmental Science</i> , 2019, 7, .	1.5	5
1710	Climate Envelope Models of <i>Kalopanax septemlobus</i> and <i>Phellodendron amurense</i> var. <i>sachalinense</i> in the Insular Part of the Russian Far East. <i>Biology Bulletin</i> , 2019, 46, 626-635.	0.1	1
1711	Stability and changes in the distribution of <i>Pipiza</i> hoverflies (Diptera, Syrphidae) in Europe under projected future climate conditions. <i>PLoS ONE</i> , 2019, 14, e0221934.	1.1	11
1712	Elevated mutation and selection in wild emmer wheat in response to 28 years of global warming. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 20002-20008.	3.3	18
1713	Variation in developmental temperature alters adulthood plasticity of thermal tolerance in <i>Tigriopus californicus</i> . <i>Journal of Experimental Biology</i> , 2019, 222, .	0.8	27
1714	Dominant Arctic Predator Is Free of Major Parasitoid at Northern Edge of Its Range. <i>Frontiers in Ecology and Evolution</i> , 2019, 7, .	1.1	5
1715	Spatial scale affects novel and disappeared climate change projections in Alaska. <i>Ecology and Evolution</i> , 2019, 9, 12026-12044.	0.8	6
1716	BEREICHERUNG ODER BEDROHUNG?. , 2019, , 211-222.		0
1717	Climate change vulnerability higher in arctic than alpine bumblebees. <i>Frontiers of Biogeography</i> , 2019, 11, .	0.8	13

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1718	Identifying climate-sensitive infectious diseases in animals and humans in Northern regions. <i>Acta Veterinaria Scandinavica</i> , 2019, 61, 53.	0.5	37
1719	Development of a system for drought monitoring and assessment in South Asia. <i>Current Directions in Water Scarcity Research</i> , 2019, 2, 133-163.	0.2	10
1720	Wet tropical soils and global change. <i>Developments in Soil Science</i> , 2019, 36, 131-169.	0.5	6
1721	Projected impacts of climate change on functional diversity of frugivorous birds along a tropical elevational gradient. <i>Scientific Reports</i> , 2019, 9, 17708.	1.6	34
1722	Assessing introgressive hybridization in roan antelope (<i>Hippotragus equinus</i>): Lessons from South Africa. <i>PLoS ONE</i> , 2019, 14, e0213961.	1.1	6
1723	Projecting Suitability and Climate Vulnerability of <i>Bhutanitis thaidina</i> (Blanchard) (Lepidoptera: Tj ETQq1 1 0.784314 rgBT /Qverlock 10	1.6	5
1724	Climate change impacts on the distribution and diversity of major tree species in the temperate forests of Northern Iran. <i>Regional Environmental Change</i> , 2019, 19, 2711-2728.	1.4	25
1725	Age-dependent effects of moderate differences in environmental predictability forecasted by climate change, experimental evidence from a short-lived lizard (<i>Zootoca vivipara</i>). <i>Scientific Reports</i> , 2019, 9, 15546.	1.6	5
1726	Using virtual reality and thermal imagery to improve statistical modelling of vulnerable and protected species. <i>PLoS ONE</i> , 2019, 14, e0217809.	1.1	8
1727	Receding ice drove parallel expansions in Southern Ocean penguins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 26690-26696.	3.3	35
1728	Climate-induced phenology shifts linked to range expansions in species with multiple reproductive cycles per year. <i>Nature Communications</i> , 2019, 10, 4455.	5.8	82
1729	Deficits of biodiversity and productivity linger a century after agricultural abandonment. <i>Nature Ecology and Evolution</i> , 2019, 3, 1533-1538.	3.4	98
1730	Postglacial change of the floristic diversity gradient in Europe. <i>Nature Communications</i> , 2019, 10, 5422.	5.8	52
1731	Warming accelerates mangrove expansion and surface elevation gain in a subtropical wetland. <i>Journal of Ecology</i> , 2019, 107, 79-90.	1.9	50
1732	Marine Metazoan Modern Mass Extinction: Improving Predictions by Integrating Fossil, Modern, and Physiological Data. <i>Annual Review of Marine Science</i> , 2019, 11, 369-390.	5.1	29
1733	The Yellowstone to Yukon Conservation Initiative as an Adaptive Response to Climate Change. <i>Climate Change Management</i> , 2019, , 179-193.	0.6	4
1734	Hypotheses from Recent Assessments of Climate Impacts to Biodiversity and Ecosystems in the United States. <i>Climate Change Management</i> , 2019, , 355-375.	0.6	3
1735	Complex elevational shifts in a tropical lowland moth community following a decade of climate change. <i>Diversity and Distributions</i> , 2019, 25, 514-523.	1.9	15

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1736	Habitat use and hybridisation between the Rocky Mountain sculpin (<i>Cottus</i> sp.) and slimy sculpin (<i>Cottus cognatus</i>). <i>Freshwater Biology</i> , 2019, 64, 391-404.	1.2	7
1737	CO2 Sequestration: Processes and Methodologies. , 2019, , 1-50.		0
1738	Quantifying multiple pressure interactions affecting populations of a recreationally and commercially important freshwater fish. <i>Global Change Biology</i> , 2019, 25, 1049-1062.	4.2	27
1739	Current and future distributions of Espeletiinae (Asteraceae) in the Venezuelan Andes based on statistical downscaling of climatic variables and niche modelling. <i>Plant Ecology and Diversity</i> , 2019, 12, 633-647.	1.0	26
1740	Strengthened scientific support for the Endangerment Finding for atmospheric greenhouse gases. <i>Science</i> , 2019, 363, .	6.0	34
1741	Climate change is likely to affect the distribution but not paraptry of the Brazilian marmoset monkeys (<i>Callithrix</i> spp.). <i>Diversity and Distributions</i> , 2019, 25, 536-550.	1.9	23
1742	The weakest link: sensitivity to climate extremes across life stages of marine invertebrates. <i>Oikos</i> , 2019, 128, 621-629.	1.2	93
1743	Incorporating local adaptation into forecasts of species' distribution and abundance under climate change. <i>Global Change Biology</i> , 2019, 25, 775-793.	4.2	169
1744	Elevational rear edges shifted at least as much as leading edges over the last century. <i>Global Ecology and Biogeography</i> , 2019, 28, 533-543.	2.7	75
1745	Protected areas act as a buffer against detrimental effects of climate change" Evidence from large-scale, long-term abundance data. <i>Global Change Biology</i> , 2019, 25, 304-313.	4.2	62
1746	Historical interactions are predicted to be disrupted under future climate change: The case of lace lichen and valley oak. <i>Journal of Biogeography</i> , 2019, 46, 19-29.	1.4	3
1747	Habitat- and species-mediated short- and long-term distributional changes in waterbird abundance linked to variation in European winter weather. <i>Diversity and Distributions</i> , 2019, 25, 225-239.	1.9	41
1748	Patterns and drivers of long-term changes in breeding bird communities in a global biodiversity hotspot in Mexico. <i>Diversity and Distributions</i> , 2019, 25, 499-513.	1.9	17
1749	Susceptibility to entomopathogens and modulation of basal immunity in two insect models at different temperatures. <i>Journal of Thermal Biology</i> , 2019, 79, 15-23.	1.1	19
1750	Using insect natural history collections to study global change impacts: challenges and opportunities. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2019, 374, 20170405.	1.8	52
1751	Four decades of plant community change along a continental gradient of warming. <i>Global Change Biology</i> , 2019, 25, 1629-1641.	4.2	26
1752	Global distribution and invasion pattern of oriental fruit fly, <i>Bactrocera dorsalis</i> (Diptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 10	0.8	44
1753	Characterization and implication of phytolith-associated potassium in rice straw and paddy soils. <i>Archives of Agronomy and Soil Science</i> , 2019, 65, 1354-1369.	1.3	11

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1754	Climate and land use changes will degrade the distribution of Rhododendrons in China. <i>Science of the Total Environment</i> , 2019, 659, 515-528.	3.9	57
1755	Integration of physiological knowledge into hybrid species distribution modelling to improve forecast of distributional shifts of tropical corals. <i>Diversity and Distributions</i> , 2019, 25, 715-728.	1.9	29
1756	Incorporating temperature and precipitation extremes into process-based models of African lepidoptera changes the predicted distribution under climate change. <i>Ecological Modelling</i> , 2019, 394, 53-65.	1.2	17
1757	Treeline composition and biodiversity change on the southeastern Tibetan Plateau during the past millennium, inferred from a high-resolution alpine pollen record. <i>Quaternary Science Reviews</i> , 2019, 206, 44-55.	1.4	24
1758	Phylogenetic attributes, conservation status and geographical origin of species gained and lost over 50 years in a UNESCO Biosphere Reserve. <i>Biodiversity and Conservation</i> , 2019, 28, 711-728.	1.2	2
1759	Forthcoming risk of <i>Prosopis juliflora</i> global invasion triggered by climate change: implications for environmental monitoring and risk assessment. <i>Environmental Monitoring and Assessment</i> , 2019, 191, 72.	1.3	26
1760	Microclimate and demography interact to shape stable population dynamics across the range of an alpine plant. <i>New Phytologist</i> , 2019, 222, 193-205.	3.5	45
1761	Evolutionary potential varies across populations and traits in the neotropical oak <i>Quercus oleoides</i> . <i>Tree Physiology</i> , 2019, 39, 427-439.	1.4	14
1762	Does specialization imply rare fossil records of some benthic foraminifera: Late Palaeocene examples from the eastern Neo-Tethys (Meghalaya, NE India). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2019, 514, 124-134.	1.0	8
1763	The River Network Toolkit – RivTool. <i>Ecography</i> , 2019, 42, 549-557.	2.1	16
1764	Thermal tolerance limits as indicators of current and future intertidal zonation patterns in a diverse mussel guild. <i>Marine Biology</i> , 2019, 166, 1.	0.7	25
1765	Plastic and genetic responses of a common sedge to warming have contrasting effects on carbon cycle processes. <i>Ecology Letters</i> , 2019, 22, 159-169.	3.0	25
1766	Phenology and productivity in a montane bird assemblage: Trends and responses to elevation and climate variation. <i>Global Change Biology</i> , 2019, 25, 985-996.	4.2	26
1767	Projected changes in wind assistance under climate change for nocturnally migrating bird populations. <i>Global Change Biology</i> , 2019, 25, 589-601.	4.2	31
1768	Declining population trends of European mountain birds. <i>Global Change Biology</i> , 2019, 25, 577-588.	4.2	82
1769	Geographical adaptation prevails over species-specific determinism in trees' vulnerability to climate change at Mediterranean rear-edge forests. <i>Global Change Biology</i> , 2019, 25, 1296-1314.	4.2	55
1770	Predicting the distribution of harmful species and their natural enemies in agricultural, livestock and forestry systems: an overview. <i>International Journal of Pest Management</i> , 2019, 65, 190-206.	0.9	36
1771	Climate and land-cover change alter bumblebee species richness and community composition in subalpine areas. <i>Biodiversity and Conservation</i> , 2019, 28, 639-653.	1.2	43

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1772	Climate change vulnerability assessment of species. <i>Wiley Interdisciplinary Reviews: Climate Change</i> , 2019, 10, e551.	3.6	255
1773	Modelling climate change effects on Zagros forests in Iran using individual and ensemble forecasting approaches. <i>Theoretical and Applied Climatology</i> , 2019, 137, 1015-1025.	1.3	21
1774	Towards an interactive, process-based approach to understanding range shifts: developmental and environmental dependencies matter. <i>Ecography</i> , 2019, 42, 201-210.	2.1	12
1775	Range contraction to a higher elevation: the likely future of the montane vegetation in South Africa and Lesotho. <i>Biodiversity and Conservation</i> , 2019, 28, 131-153.	1.2	19
1776	Important areas for the conservation of the European Roller <i>Coracias garrulus</i> during the non-breeding season in southern Africa. <i>Bird Conservation International</i> , 2019, 29, 159-175.	0.7	7
1777	Effects of environmental filters on early establishment of cloud forest trees along elevation gradients: Implications for assisted migration. <i>Forest Ecology and Management</i> , 2019, 432, 427-435.	1.4	35
1778	Shifts in habitat suitability and the conservation status of the Endangered Andean cat <i>Leopardus jacobita</i> under climate change scenarios. <i>Oryx</i> , 2019, 53, 356-367.	0.5	11
1779	Suitable areas of <i>Phakopsora pachyrhizi</i> , <i>Spodoptera exigua</i> , and their host plant <i>Phaseolus vulgaris</i> are projected to reduce and shift due to climate change. <i>Theoretical and Applied Climatology</i> , 2019, 135, 409-424.	1.3	10
1780	Spring migration strategies of Whinchat <i>Saxicola rubetra</i> when successfully crossing potential barriers of the Sahara and the Mediterranean Sea. <i>Ibis</i> , 2019, 161, 131-146.	1.0	14
1781	Silicon supplementation modulates antioxidant system and osmolyte accumulation to balance salt stress in <i>Acacia gerrardii</i> Benth. <i>Saudi Journal of Biological Sciences</i> , 2019, 26, 1856-1864.	1.8	29
1782	Spatial priorities for agricultural development in the Brazilian Cerrado: may economy and conservation coexist?. <i>Biodiversity and Conservation</i> , 2020, 29, 1683-1700.	1.2	22
1783	Early performance of two tropical dry forest species after assisted migration to pine-oak forests at different altitudes: strategic response to climate change. <i>Journal of Forestry Research</i> , 2020, 31, 1215-1223.	1.7	6
1784	Alpine Birds of South America. , 2020, , 492-504.		5
1785	Vegetation green up under the influence of daily minimum temperature and urbanization in the Yellow River Basin, China. <i>Ecological Indicators</i> , 2020, 108, 105760.	2.6	34
1786	Spatial Population Structure Determines Extinction Risk in Climate-Induced Range Shifts. <i>American Naturalist</i> , 2020, 195, 31-42.	1.0	14
1787	Are shifts in species distribution triggered by climate change? A swordfish case study. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2020, 175, 104666.	0.6	12
1788	Lower elevation animal species do not tend to be better competitors than their higher elevation relatives. <i>Global Ecology and Biogeography</i> , 2020, 29, 171-181.	2.7	17
1789	Experimental migration upward in elevation is associated with strong selection on life history traits. <i>Ecology and Evolution</i> , 2020, 10, 612-625.	0.8	17

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1790	Correlative climatic niche models predict real and virtual species distributions equally well. <i>Ecology</i> , 2020, 101, e02912.	1.5	36
1791	Quantifying how changing mangrove cover affects ecosystem carbon storage in coastal wetlands. <i>Ecology</i> , 2020, 101, e02916.	1.5	35
1792	The impacts of climate change on the habitat distribution of the vulnerable Patagonian-Fueguian species <i>Ctenomys magellanicus</i> (Rodentia, Ctenomyidae). <i>Journal of Arid Environments</i> , 2020, 173, 104016.	1.2	18
1793	Seeds of change: characterizing the soil seed bank of a migrating salt marsh. <i>Annals of Botany</i> , 2020, 125, 335-344.	1.4	19
1794	Climate change-driven body size shrinking in a social wasp. <i>Ecological Entomology</i> , 2020, 45, 130-141.	1.1	23
1795	Allopatric divergence drives the genetic structuring of an endangered alpine endemic lizard with a sky-island distribution. <i>Animal Conservation</i> , 2020, 23, 104-118.	1.5	13
1796	Conservation triage at the trailing edge of climate envelopes. <i>Conservation Biology</i> , 2020, 34, 289-292.	2.4	21
1797	Integration of multiple climate models to predict range shifts and identify management priorities of the endangered <i>Taxus wallichiana</i> in the Himalaya-Hengduan Mountain region. <i>Journal of Forestry Research</i> , 2020, 31, 2255-2272.	1.7	7
1798	Anthropogenic disturbances alter the conservation value of karst dolines. <i>Biodiversity and Conservation</i> , 2020, 29, 503-525.	1.2	24
1799	Mass windborne migrations extend the range of the migratory locust in East China. <i>Agricultural and Forest Entomology</i> , 2020, 22, 41-49.	0.7	8
1800	Climate change shifts in habitat suitability and phenology of huckleberry (<i>Vaccinium membranaceum</i>). <i>Agricultural and Forest Meteorology</i> , 2020, 280, 107803.	1.9	37
1801	Soil alters seedling establishment responses to climate. <i>Ecology Letters</i> , 2020, 23, 140-148.	3.0	20
1802	Conservation Genomics in a Changing Arctic. <i>Trends in Ecology and Evolution</i> , 2020, 35, 149-162.	4.2	23
1803	Varying reproductive success under ocean warming and acidification across giant kelp (<i>Macrocystis</i>)	0.7	8
1804	Maternal Antibodies Against Influenza in Cord Blood and Protection Against Laboratory-Confirmed Influenza in Infants. <i>Clinical Infectious Diseases</i> , 2020, 71, 1741-1748.	2.9	6
1805	Palm seed and fruit lipid composition: phylogenetic and ecological perspectives. <i>Annals of Botany</i> , 2020, 125, 157-172.	1.4	22
1806	Range edges in heterogeneous landscapes: Integrating geographic scale and climate complexity into range dynamics. <i>Global Change Biology</i> , 2020, 26, 1055-1067.	4.2	51
1807	Ecological processes underlying community assembly of aquatic bacteria and macroinvertebrates under contrasting climates on the Tibetan Plateau. <i>Science of the Total Environment</i> , 2020, 702, 134974.	3.9	15

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1808	Why mountains matter for biodiversity. <i>Journal of Biogeography</i> , 2020, 47, 315-325.	1.4	200
1809	Phenology responses of temperate butterflies to latitude depend on ecological traits. <i>Ecology Letters</i> , 2020, 23, 172-180.	3.0	24
1810	Scientists's Warning on Climate Change and Medicinal Plants. <i>Planta Medica</i> , 2020, 86, 10-18.	0.7	85
1811	Seasonal shifts of biodiversity patterns and species' elevation ranges of butterflies and moths along a complete rainforest elevational gradient on Mount Cameroon. <i>Journal of Biogeography</i> , 2020, 47, 342-354.	1.4	49
1812	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
1813	The importance of functional responses among competing predators for avian nesting success. <i>Functional Ecology</i> , 2020, 34, 252-264.	1.7	12
1814	Disentangling the relative influences of global drivers of change in biodiversity: A study of the twentieth-century red fox expansion into the Canadian Arctic. <i>Journal of Animal Ecology</i> , 2020, 89, 565-576.	1.3	33
1815	Rhizosphere and litter feedbacks to range-expanding plant species and related natives. <i>Journal of Ecology</i> , 2020, 108, 353-365.	1.9	16
1816	Species range shifts along multistressor mosaics in estuarine environments under future climate. <i>Fish and Fisheries</i> , 2020, 21, 32-46.	2.7	37
1817	A comparison of macroecological and stacked species distribution models to predict future global terrestrial vertebrate richness. <i>Journal of Biogeography</i> , 2020, 47, 114-129.	1.4	32
1818	Intra-Annual Variability in Responses of a Canopy Forming Kelp to Cumulative Low Tide Heat Stress: Implications for Populations at the Trailing Range Edge. <i>Journal of Phycology</i> , 2020, 56, 146-158.	1.0	14
1819	Genetic patterns and changes in availability of suitable habitat support a colonisation history of a North American perennial plant. <i>Plant Biology</i> , 2020, 22, 233-242.	1.8	3
1820	Inferring responses to climate warming from latitudinal pattern of clonal hybridization. <i>Ecology and Evolution</i> , 2020, 10, 307-319.	0.8	1
1821	Future range dynamics of the red alga <i>Capreolia implexa</i> in native and invaded regions: contrasting predictions from species distribution models versus physiological knowledge. <i>Biological Invasions</i> , 2020, 22, 1339-1352.	1.2	11
1822	On Madeira, the success of the speckled wood butterfly (<i>Pararge aegeria</i>) has coincided with declining populations of the Madeiran speckled wood (<i>Pararge xiphia</i>): is the colonist to blame?. <i>Journal of Insect Conservation</i> , 2020, 24, 365-374.	0.8	0
1823	Biotic interactions help explain variation in elevational range limits of birds among Bornean mountains. <i>Journal of Biogeography</i> , 2020, 47, 760-771.	1.4	12
1824	Freeze tolerance of poleward-spreading mangrove species weakened by soil properties of resident salt marsh competitor. <i>Journal of Ecology</i> , 2020, 108, 1725-1737.	1.9	16
1825	An operationalized classification of Nature Based Solutions for water-related hazards: From theory to practice. <i>Ecological Economics</i> , 2020, 167, 106460.	2.9	43

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1826	Significant shifts in coastal zooplankton populations through the 2015/16 Tasman Sea marine heatwave. <i>Estuarine, Coastal and Shelf Science</i> , 2020, 235, 106538.	0.9	21
1827	The highest kingdom of Anolis: Thermal biology of the Andean lizard <i>Anolis heterodermus</i> (Squamata: Tj ETQq1 1 0.784314 rgBT /Overl	1.1	9
1828	Trophic niche segregation allows range-extending coral reef fishes to coexist with temperate species under climate change. <i>Global Change Biology</i> , 2020, 26, 721-733.	4.2	29
1829	Population history explains the performance of an annual herb " Within and beyond its European species range. <i>Journal of Ecology</i> , 2020, 108, 958-968.	1.9	3
1830	Climate change disrupts local adaptation and favours upslope migration. <i>Ecology Letters</i> , 2020, 23, 181-192.	3.0	93
1831	The expanding distribution of the Indian Peafowl (<i>Pavo cristatus</i>) as an indicator of changing climate in Kerala, southern India: A modelling study using MaxEnt. <i>Ecological Indicators</i> , 2020, 110, 105930.	2.6	52
1832	Patterns and mechanisms of heterogeneous breeding distribution shifts of North American migratory birds. <i>Journal of Avian Biology</i> , 2020, 51, .	0.6	13
1833	Response of Orthoptera assemblages to environmental change in a low-mountain range differs among grassland types. <i>Journal of Environmental Management</i> , 2020, 256, 109919.	3.8	23
1834	Vulnerability of high-elevation endemic salamanders to climate change: A case study with the Cow Knob Salamander (<i>Plethodon punctatus</i>). <i>Global Ecology and Conservation</i> , 2020, 21, e00883.	1.0	6
1835	Dieback and expansions: species-specific responses during 20 years of amplified warming in the high Alps. <i>Alpine Botany</i> , 2020, 130, 1-11.	1.1	24
1836	Hiding from the climate: Characterizing microrefugia for boreal forest understory species. <i>Global Change Biology</i> , 2020, 26, 471-483.	4.2	39
1837	Evidence for temperature-dependent shifts in spawning times of anadromous alewife (<i>Alosa</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10	0.7	19
1838	Climate change and the future restructuring of Neotropical anuran biodiversity. <i>Ecography</i> , 2020, 43, 222-235.	2.1	34
1839	Microbial rescue effects: How microbiomes can save hosts from extinction. <i>Functional Ecology</i> , 2020, 34, 2055-2064.	1.7	41
1840	Musk deer (<i>Moschus</i> spp.) face redistribution to higher elevations and latitudes under climate change in China. <i>Science of the Total Environment</i> , 2020, 704, 135335.	3.9	27
1841	Potential distribution patterns of scorpions in north-eastern Brazil under scenarios of future climate change. <i>Austral Ecology</i> , 2020, 45, 215-228.	0.7	19
1842	Warming Increases Pollen Lipid Concentration in an Invasive Thistle, with Minor Effects on the Associated Floral-Visitor Community. <i>Insects</i> , 2020, 11, 20.	1.0	11
1844	Spatiotemporal Distribution of Dengue and Chikungunya in the Hindu Kush Himalayan Region: A Systematic Review. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 6656.	1.2	11

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1845	Accessing Local Tacit Knowledge as a Means of Knowledge Co-Production for Effective Wildlife Corridor Planning in the Chignecto Isthmus, Canada. <i>Land</i> , 2020, 9, 332.	1.2	9
1846	Quantifying Climate-Wise Connectivity across a Topographically Diverse Landscape. <i>Land</i> , 2020, 9, 355.	1.2	3
1849	A disconnect between upslope shifts and climate change in an Afrotropical bird community. <i>Conservation Science and Practice</i> , 2020, 2, e291.	0.9	17
1850	Prediction of the Suitable Area of the Chinese White Pines (<i>Pinus subsect. Strobus</i>) under Climate Changes and Implications for Their Conservation. <i>Forests</i> , 2020, 11, 996.	0.9	13
1851	Update on the global abundance and distribution of breeding Gentoo Penguins (<i>Pygoscelis papua</i>). <i>Polar Biology</i> , 2020, 43, 1947-1956.	0.5	25
1852	Plant population and soil origin effects on rhizosphere nematode community composition of a range-expanding plant species and a native congener. <i>Oecologia</i> , 2020, 194, 237-250.	0.9	2
1853	Apparent breeding success drives long-term population dynamics of a migratory swan. <i>Journal of Avian Biology</i> , 2020, 51, .	0.6	11
1854	Bioclimatic modeling of potential vegetation types as an alternative to species distribution models for projecting plant species shifts under changing climates. <i>Forest Ecology and Management</i> , 2020, 477, 118498.	1.4	10
1855	Climate Vulnerability Assessment of the Espeletia Complex on Páramo Sky Islands in the Northern Andes. <i>Frontiers in Ecology and Evolution</i> , 2020, 8, .	1.1	48
1856	The legacy of climate variability over the last century on populations' phenotypic variation in tree height. <i>Science of the Total Environment</i> , 2020, 749, 141454.	3.9	21
1857	Zoological Indication of Climate Change in the Central Kazakh Steppe Compared to the Middle of the 20th Century Using the Example of Carabid and Tenebrionid Beetles. <i>Contemporary Problems of Ecology</i> , 2020, 13, 443-468.	0.3	5
1858	How to survive winter?. , 2020, , 101-125.		1
1859	Vertebrate viruses in polar ecosystems. , 2020, , 126-148.		0
1861	Life in the extreme environments of our planet under pressure. , 2020, , 151-183.		0
1862	Chemical ecology in the Southern Ocean. , 2020, , 251-278.		1
1866	Physiological traits of the Greenland shark <i>Somniosus microcephalus</i> obtained during the TUNU-Expeditions to Northeast Greenland. , 2020, , 11-41.		0
1867	Metazoan adaptation to deep-sea hydrothermal vents. , 2020, , 42-67.		4
1868	Extremophiles populating high-level natural radiation areas (HLNRAs) in Iran. , 2020, , 68-86.		1

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1870	Metazoan life in anoxic marine sediments. , 2020, , 89-100.		0
1871	The ecophysiology of responding to change in polar marine benthos. , 2020, , 184-217.		0
1872	The Southern Ocean: an extreme environment or just home of unique ecosystems?. , 2020, , 218-233.		1
1873	Metabolic and taxonomic diversity in antarctic subglacial environments. , 2020, , 279-296.		2
1874	Analytical astrobiology: the search for life signatures and the remote detection of biomarkers through their Raman spectral interrogation. , 2020, , 301-318.		1
1875	Adaptation/acclimatisation mechanisms of oxyphototrophic microorganisms and their relevance to astrobiology. , 2020, , 319-342.		0
1876	Life at the extremes. , 2020, , 343-354.		0
1877	The challenge of novel abiotic conditions for species undergoing climate-induced range shifts. Ecography, 2020, 43, 1571-1590.	2.1	82
1878	Degrees of compositional shift in tree communities vary along a gradient of temperature change rates over one decade: Application of an individual-based temporal beta-diversity concept. Ecology and Evolution, 2020, 10, 13613-13623.	0.8	7
1879	Microorganisms in cryoturbated organic matter of Arctic permafrost soils. , 2020, , 234-250.		0
1882	Predicting Thermal Adaptation by Looking Into Populations' Genomic Past. Frontiers in Genetics, 2020, 11, 564515.	1.1	79
1883	Experimental study of hypoxia-induced changes in gene expression in an Asian pika, <i>Ochotona dauurica</i> . PLoS ONE, 2020, 15, e0240435.	1.1	5
1884	Soil predator loss alters aboveground stoichiometry in a native but not in a related range-expanding plant when exposed to periodic heat waves. Soil Biology and Biochemistry, 2020, 150, 107999.	4.2	5
1885	Interspecific competition slows range expansion and shapes range boundaries. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 26854-26860.	3.3	36
1886	Climate extremes may be more important than climate means when predicting species range shifts. Climatic Change, 2020, 163, 579-598.	1.7	34
1887	High conservation priority of range-edge plant populations not matched by habitat protection or research effort. Biological Conservation, 2020, 249, 108732.	1.9	8
1888	Bioclimatic distance and performance of apical shoot extension: Disentangling the role of growth rate and duration in ecotypic differentiation. Forest Ecology and Management, 2020, 477, 118483.	1.4	10
1889	Species. , 2020, , 47-113.		0

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1890	Populations. , 2020, , 114-224.		0
1891	Waterborne Disease. , 2020, , 225-339.		0
1892	Afterthoughts and Outlook. , 2020, , 340-361.		0
1895	Putting wind dispersal in context. <i>Nature Climate Change</i> , 2020, 10, 807-808.	8.1	0
1896	Shifts in timing and duration of breeding for 73 boreal bird species over four decades. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 18557-18565.	3.3	57
1897	Thermal evolution of life history and heat tolerance during range expansions toward warmer and cooler regions. <i>Ecology</i> , 2020, 101, e03134.	1.5	14
1898	Highâ€levation hypoxia impacts perinatal physiology and performance in a potential montane colonizer. <i>Integrative Zoology</i> , 2020, 15, 544-557.	1.3	13
1899	Assessment of alpine summit flora in Kashmir Himalaya and its implications for long-term monitoring of climate change impacts. <i>Journal of Mountain Science</i> , 2020, 17, 1974-1988.	0.8	16
1900	The impact of climate change on the geographical distribution of habitat-forming macroalgae in the RÃas Baixas. <i>Marine Environmental Research</i> , 2020, 161, 105074.	1.1	16
1901	Population genetics of the coral <i>Acropora millepora</i> : Toward genomic prediction of bleaching. <i>Science</i> , 2020, 369, .	6.0	167
1902	Persistence and extinction dynamics driven by the rate of environmental change in a predatorâ€prey metacommunity. <i>Theoretical Ecology</i> , 2020, 13, 629-643.	0.4	15
1903	Landscape resistance mediates native fish species distribution shifts and vulnerability to climate change in riverscapes. <i>Global Change Biology</i> , 2020, 26, 5492-5508.	4.2	30
1904	Cold range edges of marine fishes track climate change better than warm edges. <i>Global Change Biology</i> , 2020, 26, 2908-2922.	4.2	66
1905	Prediction of Plant Phenological Shift under Climate Change in South Korea. <i>Sustainability</i> , 2020, 12, 9276.	1.6	12
1906	Predicting the Potential Distribution of Two Varieties of <i>Litsea coreana</i> (Leopard-Skin Camphor) in China under Climate Change. <i>Forests</i> , 2020, 11, 1159.	0.9	16
1907	Modern Strategies to Assess and Breed Forest Tree Adaptation to Changing Climate. <i>Frontiers in Plant Science</i> , 2020, 11, 583323.	1.7	95
1908	Shorebird Reproductive Response to Exceptionally Early and Late Springs Varies Across Sites in Arctic Alaska. <i>Frontiers in Ecology and Evolution</i> , 2020, 8, .	1.1	11
1909	Ecological community dynamics: 20 years of moth sampling reveals the importance of generalists for community stability. <i>Basic and Applied Ecology</i> , 2020, 49, 34-44.	1.2	3

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1911	CNN-Based Tree Species Classification Using High Resolution RGB Image Data from Automated UAV Observations. <i>Remote Sensing</i> , 2020, 12, 3892.	1.8	45
1912	Healthy Ecosystems Are a Prerequisite for Human Health—A Call for Action in the Era of Climate Change with a Focus on Russia. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 8453.	1.2	5
1913	Predicting the Impact of Climate Change on Freshwater Fish Distribution by Incorporating Water Flow Rate and Quality Variables. <i>Sustainability</i> , 2020, 12, 10001.	1.6	9
1914	Bryophytes are predicted to lag behind future climate change despite their high dispersal capacities. <i>Nature Communications</i> , 2020, 11, 5601.	5.8	47
1915	Cladoceran body size distributions along temperature and trophic gradients in the conterminous USA. <i>Journal of Plankton Research</i> , 0, , .	0.8	2
1916	Human-caused climate change in United States national parks and solutions for the future. <i>Parks Stewardship Forum</i> , 2020, 36, .	0.2	2
1917	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
1918	The Importance of Intraspecific Variation for Niche Differentiation and Species Distribution Models: The Ecologically Diverse Frog <i>Pleurodema thaul</i> as Study Case. <i>Evolutionary Biology</i> , 2020, 47, 206-219.	0.5	6
1919	Conservation management in the face of climatic uncertainty—the roles of flexibility and robustness. <i>Ecological Complexity</i> , 2020, 43, 100849.	1.4	6
1920	Assessing the effects of earlier snow melt-out on alpine shrub growth: The sooner the better?. <i>Ecological Indicators</i> , 2020, 115, 106455.	2.6	38
1921	Latitudinal patterns in trophic structure of temperate reef-associated fishes and predicted consequences of climate change. <i>Fish and Fisheries</i> , 2020, 21, 1092-1108.	2.7	34
1922	Climate change shifts the distribution of vegetation types in South Brazilian hotspots. <i>Regional Environmental Change</i> , 2020, 20, 1.	1.4	15
1923	Forecasting Seasonal Habitat Connectivity in a Developing Landscape. <i>Land</i> , 2020, 9, 233.	1.2	10
1924	The ECCO–Darwin Data–Assimilative Global Ocean Biogeochemistry Model: Estimates of Seasonal to Multidecadal Surface Ocean CO_2 and Air–Sea CO_2 Flux. <i>Journal of Advances in Modeling Earth Systems</i> , 2020, 12, e2019MS001888.	1.3	43
1925	Exploring larval phenology as predictor for range expansion in an invasive species. <i>Ecography</i> , 2020, 43, 1423-1434.	2.1	12
1926	Down the up staircase: Equatorward march of a cold-water ascidian and broader implications for invasion ecology. <i>Diversity and Distributions</i> , 2020, 26, 881-896.	1.9	1
1927	Changes in positive associations among vertebrate predators at South Georgia during winter. <i>Polar Biology</i> , 2020, 43, 1439-1451.	0.5	0

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1929	The functional significance of panting as a mechanism of thermoregulation and its relationship to the critical thermal maxima in lizards. <i>Journal of Experimental Biology</i> , 2020, 223, .	0.8	9
1930	Transmission dynamics of dengue and chikungunya in a changing climate: do we understand the eco-evolutionary response?. <i>Expert Review of Anti-Infective Therapy</i> , 2020, 18, 1187-1193.	2.0	8
1931	Extending the climatological concept of "Detection and Attribution"™ to global change ecology in the Anthropocene. <i>Functional Ecology</i> , 2020, 34, 2270-2282.	1.7	5
1932	Suitable habitats of fish species in the Barents Sea. <i>Fisheries Oceanography</i> , 2020, 29, 526-540.	0.9	10
1933	The combined effects of climate change and river fragmentation on the distribution of Andean Amazon fishes. <i>Global Change Biology</i> , 2020, 26, 5509-5523.	4.2	50
1934	Identification of novel microRNAs for cold deacclimation in barley. <i>Plant Growth Regulation</i> , 2020, 92, 389-400.	1.8	5
1935	Genomic Prediction of (Mal)Adaptation Across Current and Future Climatic Landscapes. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2020, 51, 245-269.	3.8	140
1936	Battle of the borders: Is a range-extending fiddler crab affecting the spatial niche of a congener species?. <i>Journal of Experimental Marine Biology and Ecology</i> , 2020, 532, 151445.	0.7	8
1937	Climate change and the future of endemic flora in the South Western Alps: relationships between niche properties and extinction risk. <i>Regional Environmental Change</i> , 2020, 20, 1.	1.4	19
1938	Modelling the effects of climate, predation, and dispersal on the poleward range expansion of black mangrove (<i>Avicennia germinans</i>). <i>Ecological Modelling</i> , 2020, 434, 109245.	1.2	8
1939	Variation in reproductive effort, genetic diversity and mating systems across <i>Posidonia australis</i> seagrass meadows in Western Australia. <i>AoB PLANTS</i> , 2020, 12, plaa038.	1.2	8
1940	There's a storm coming: Ecological resilience and resistance to extreme weather events. <i>Ecology and Evolution</i> , 2020, 10, 12147-12156.	0.8	21
1941	Range expansion of muskox lungworms track rapid arctic warming: implications for geographic colonization under climate forcing. <i>Scientific Reports</i> , 2020, 10, 17323.	1.6	26
1942	Climate change has different predicted effects on the range shifts of two hybridizing ambush bug (<i>Tj ETQq0 0 0 rgBT /Overlçk 10 Tf 5</i>)	0.8	8
1943	Treeline ecotones shape the distribution of avian species richness and functional diversity in south temperate mountains. <i>Scientific Reports</i> , 2020, 10, 18428.	1.6	21
1944	Thermal physiology explains the elevational range for a lizard, <i>Eutropis longicaudata</i> , in Taiwan. <i>Journal of Thermal Biology</i> , 2020, 93, 102730.	1.1	5
1945	Windstorm-induced canopy openings accelerate temperate forest adaptation to global warming. <i>Global Ecology and Biogeography</i> , 2020, 29, 2067-2077.	2.7	28

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1947	The genomic footprint of coastal earthquake uplift. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20200712.	1.2	12
1948	Community context and dispersal stochasticity drive variation in spatial spread. <i>Journal of Animal Ecology</i> , 2020, 89, 2657-2664.	1.3	5
1949	Revisiting the study of the life cycles of predatory ground beetles (Coleoptera, Carabidae) in the agrolandscape of the foothill zone of Krasnodar Krai. <i>BIO Web of Conferences</i> , 2020, 21, 00009.	0.1	1
1950	Potential Impact of Climate Change on the Forest Coverage and the Spatial Distribution of 19 Key Forest Tree Species in Italy under RCP4.5 IPCC Trajectory for 2050s. <i>Forests</i> , 2020, 11, 934.	0.9	16
1951	Phenological Patterns and Seasonal Segregation of Coprophilous Beetles (Coleoptera: Scarabaeoidea) Tj ETQq1 1 0.784314 rgBT /Over Ecology and Evolution, 2020, 8, .	1.1	3
1952	Genetic variation in <i>Plethodon cinereus</i> and <i>Plethodon hubrichti</i> from in and around a contact zone. <i>Ecology and Evolution</i> , 2020, 10, 9948-9967.	0.8	1
1953	Global Climate Change: Resilient and Smart Agriculture. , 2020, , .		17
1954	Predicting Suitable Habitats of <i>Camptotheca acuminata</i> Considering Both Climatic and Soil Variables. <i>Forests</i> , 2020, 11, 891.	0.9	26
1955	Predicting the Invasion Potential of the Lily Leaf Beetle, <i>Lilioceris lili</i> Scopoli (Coleoptera:) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 1.0	1.0	5
1956	Understanding the Importance of Dynamic Landscape Connectivity. <i>Land</i> , 2020, 9, 303.	1.2	45
1957	Heat stress responses and population genetics of the kelp <i>Laminaria digitata</i> (Phaeophyceae) across latitudes reveal differentiation among North Atlantic populations. <i>Ecology and Evolution</i> , 2020, 10, 9144-9177.	0.8	32
1958	Hotspots of species loss do not vary across future climate scenarios in a drought-prone river basin. <i>Ecology and Evolution</i> , 2020, 10, 9200-9213.	0.8	6
1959	Constant carbon pricing increases support for climate action compared to ramping up costs over time. <i>Nature Climate Change</i> , 2020, 10, 1004-1009.	8.1	15
1960	Leading-edge disequilibrium in alder and spruce populations across the forest-tundra ecotone. <i>Ecosphere</i> , 2020, 11, e03118.	1.0	14
1961	Projected Climate-Fire Interactions Drive Forest to Shrubland Transition on an Arizona Sky Island. <i>Frontiers in Environmental Science</i> , 2020, 8, .	1.5	11
1962	Tropical and Mediterranean biodiversity is disproportionately sensitive to land-use and climate change. <i>Nature Ecology and Evolution</i> , 2020, 4, 1630-1638.	3.4	116
1963	Plagues of Desert Locusts: Very Low Invasion Risk to China. <i>Insects</i> , 2020, 11, 628.	1.0	13

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1964	Shifting aspect or elevation? The climate change response of ectotherms in a complex mountain topography. <i>Diversity and Distributions</i> , 2020, 26, 1483-1495.	1.9	28
1965	Impact of Climate Change on the Distribution of Four Closely Related Orchis (Orchidaceae) Species. <i>Diversity</i> , 2020, 12, 312.	0.7	15
1966	Belowground impacts of alpine woody encroachment are determined by plant traits, local climate, and soil conditions. <i>Global Change Biology</i> , 2020, 26, 7112-7127.	4.2	26
1967	Climate-driven changes in the composition of New World plant communities. <i>Nature Climate Change</i> , 2020, 10, 965-970.	8.1	91
1968	Developmental nutrition modulates metabolic responses to projected climate change. <i>Functional Ecology</i> , 2020, 34, 2488-2502.	1.7	15
1969	Frequency of extreme freeze events controls the distribution and structure of black mangroves (<i>Avicennia germinans</i>) near their northern range limit in coastal Louisiana. <i>Diversity and Distributions</i> , 2020, 26, 1366-1382.	1.9	36
1970	A changing climate is snuffing out post-fire recovery in montane forests. <i>Global Ecology and Biogeography</i> , 2020, 29, 2039-2051.	2.7	52
1971	Investigating effect of climate warming on the population declines of <i>Sympetrum frequens</i> during the 1990s in three regions in Japan. <i>Scientific Reports</i> , 2020, 10, 12719.	1.6	2
1972	Examining Fractional Vegetation Cover Dynamics in Response to Climate from 1982 to 2015 in the Amur River Basin for SDG 13. <i>Sustainability</i> , 2020, 12, 5866.	1.6	13
1973	Responses of global waterbird populations to climate change vary with latitude. <i>Nature Climate Change</i> , 2020, 10, 959-964.	8.1	31
1974	Persistence and Propagation of a PDE and Discrete-Time Map Hybrid Animal Movement Model With Habitat Shift Driven by Climate Change. <i>SIAM Journal on Applied Mathematics</i> , 2020, 80, 2608-2630.	0.8	5
1975	Transporting Biodiversity Using Transmission Power Lines as Stepping-Stones?. <i>Diversity</i> , 2020, 12, 439.	0.7	4
1976	Assessing the state of knowledge of contemporary climate change and primates. <i>Evolutionary Anthropology</i> , 2020, 29, 317-331.	1.7	15
1977	Migratory Dates, Breeding Phenology, and Reproductive Success of European Turtle Doves between Lowlands and Highest Breeding Habitats in North Africa. <i>International Journal of Zoology</i> , 2020, 2020, 1-7.	0.3	11
1978	Industrial Applications of Dinoflagellate Phycotoxins Based on Their Modes of Action: A Review. <i>Toxins</i> , 2020, 12, 805.	1.5	5
1979	The past, present and future impacts of climate and land use change on snowshoe hares along their southern range boundary. <i>Biological Conservation</i> , 2020, 249, 108731.	1.9	7
1980	Managing native and non-native sea lamprey (<i>Petromyzon marinus</i>) through anthropogenic change: A prospective assessment of key threats and uncertainties. <i>Journal of Great Lakes Research</i> , 2021, 47, S704-S722.	0.8	17
1981	Vector-Borne Pathogens in Ectoparasites Collected from High-Elevation Pika Populations. <i>EcoHealth</i> , 2020, 17, 333-344.	0.9	0

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1982	Otter research in Asia: Trends, biases and future directions. <i>Global Ecology and Conservation</i> , 2020, 24, e01391.	1.0	11
1983	Habitat availability and environmental preference drive species range shifts in concordance with climate change. <i>Diversity and Distributions</i> , 2020, 26, 1343-1356.	1.9	5
1984	Historical and projected future range sizes of the world's mammals, birds, and amphibians. <i>Nature Communications</i> , 2020, 11, 5633.	5.8	30
1985	Predicting the Potential Distribution of Apple Canker Pathogen (<i>Valsa mali</i>) in China under Climate Change. <i>Forests</i> , 2020, 11, 1126.	0.9	21
1986	Climate-Wise Habitat Connectivity Takes Sustained Stakeholder Engagement. <i>Land</i> , 2020, 9, 413.	1.2	8
1987	Testing climate tracking of montane rodent distributions over the past century within the Great Basin ecoregion. <i>Global Ecology and Conservation</i> , 2020, 24, e01238.	1.0	11
1988	Projected migrations of southern Indian Ocean albatrosses as a response to climate change. <i>Ecography</i> , 2020, 43, 1683-1691.	2.1	5
1989	Ecological insights from three decades of animal movement tracking across a changing Arctic. <i>Science</i> , 2020, 370, 712-715.	6.0	75
1990	Climate change threatens micro-endemic amphibians of an important South American high-altitude center of endemism. <i>Amphibia - Reptilia</i> , 2020, 41, 233-243.	0.1	14
1991	Potential Effects of Climate and Human Influence Changes on Range and Diversity of Nine Fabaceae Species and Implications for Nature's Contribution to People in Kenya. <i>Climate</i> , 2020, 8, 109.	1.2	8
1992	Climate-tracking species are not invasive. <i>Nature Climate Change</i> , 2020, 10, 382-384.	8.1	27
1993	Temperature-related biodiversity change across temperate marine and terrestrial systems. <i>Nature Ecology and Evolution</i> , 2020, 4, 927-933.	3.4	153
1994	Decoupled land-sea biodiversity trends. <i>Nature Ecology and Evolution</i> , 2020, 4, 901-902.	3.4	3
1995	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
1996	Moderate disturbances accelerate forest transition dynamics under climate change in the temperate-boreal ecotone of eastern North America. <i>Global Change Biology</i> , 2020, 26, 4418-4435.	4.2	44
1997	Long-Term Dynamics Among <i>Wolbachia</i> Strains During Thermal Adaptation of Their <i>Drosophila melanogaster</i> Hosts. <i>Frontiers in Genetics</i> , 2020, 11, 482.	1.1	7
1998	Host use diversification during range shifts shapes global variation in Lepidopteran dietary breadth. <i>Nature Ecology and Evolution</i> , 2020, 4, 963-969.	3.4	34
1999	Isotopic niche of the American pika (<i>Ochotona princeps</i>) through space and time. <i>Canadian Journal of Zoology</i> , 2020, 98, 515-526.	0.4	1

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2000	Habitat and Seasonality Affect Mosquito Community Composition in the West Region of Cameroon. <i>Insects</i> , 2020, 11, 312.	1.0	40
2001	Growing season length and soil microbes influence the performance of a generalist bunchgrass beyond its current range. <i>Ecology</i> , 2020, 101, e03095.	1.5	13
2002	Mammal Community Structure through the Paleocene-Eocene Thermal Maximum. <i>American Naturalist</i> , 2020, 196, 271-290.	1.0	6
2003	Predicting the global mammalian viral sharing network using phylogeography. <i>Nature Communications</i> , 2020, 11, 2260.	5.8	78
2004	Mitigation of emerging implications of climate change on food production systems. <i>Food Research International</i> , 2020, 134, 109256.	2.9	143
2005	Does habitat partitioning by sympatric plovers affect nest survival?. <i>Auk</i> , 2020, 137, .	0.7	2
2006	Vegetation response to climate warming across the forest-tundra ecotone: species-dependent upward movement. <i>Journal of Vegetation Science</i> , 2020, 31, 854-866.	1.1	15
2007	Impacts of Four Decades of Forest Loss on Vertebrate Functional Habitat on Borneo. <i>Frontiers in Forests and Global Change</i> , 2020, 3, .	1.0	10
2008	Comparative transcriptomics of an arctic foundation species, tussock cottongrass (<i>Eriophorum</i>) Tj ETQq0 0 0 rgBT /Qverlock_10 Tf 50 4.	1.6	3
2009	Small terrestrial mammal distributions in Simien Mountains National Park, Ethiopia: a reassessment after 88 years. <i>Journal of Mammalogy</i> , 2020, 101, 634-647.	0.6	15
2010	Synergistic effects of warming and disease linked to high mortality in cool-adapted terrestrial frogs. <i>Biological Conservation</i> , 2020, 245, 108521.	1.9	16
2011	A genoscape network model for conservation prioritization in a migratory bird. <i>Conservation Biology</i> , 2020, 34, 1482-1491.	2.4	16
2012	Can reindeer husbandry management slow down the shrubification of the Arctic?. <i>Journal of Environmental Management</i> , 2020, 267, 110636.	3.8	23
2013	Critical transition to woody plant dominance through microclimate feedbacks in North American coastal ecosystems. <i>Ecology</i> , 2020, 101, e03107.	1.5	9
2014	Hyperthermic stress resistance of bumblebee males: test case of Belgian species. <i>Apidologie</i> , 2020, 51, 911-920.	0.9	12
2015	Does social thermal regulation constrain individual thermal tolerance in an ant species?. <i>Journal of Animal Ecology</i> , 2020, 89, 2063-2076.	1.3	19
2016	Joint seasonality in geographic and ecological spaces, illustrated with a partially migratory bird. <i>Ecosphere</i> , 2020, 11, e03110.	1.0	0
2017	Host-parasite interaction augments climate change effect in an avian brood parasite, the lesser cuckoo <i>Cuculus poliocephalus</i> . <i>Global Ecology and Conservation</i> , 2020, 22, e00976.	1.0	6

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2018	Photic Barriers to Poleward Range-shifts. <i>Trends in Ecology and Evolution</i> , 2020, 35, 652-655.	4.2	34
2019	Influences of landscape change and winter severity on invasive ungulate persistence in the Nearctic boreal forest. <i>Scientific Reports</i> , 2020, 10, 8742.	1.6	25
2020	Exploring movement patterns and changing distributions of baleen whales in the western North Atlantic using a decade of passive acoustic data. <i>Global Change Biology</i> , 2020, 26, 4812-4840.	4.2	64
2021	Rapid defaunation of terrestrial mammals in a protected Neotropical cloud forest remnant. <i>Journal for Nature Conservation</i> , 2020, 56, 125861.	0.8	2
2022	Combined mechanistic modelling predicts changes in species distribution and increased co-occurrence of a tropical urchin herbivore and a habitat-forming temperate kelp. <i>Diversity and Distributions</i> , 2020, 26, 1211-1226.	1.9	20
2023	Physiological mechanisms linking cold acclimation and the poleward distribution limit of a range-extending marine fish. , 2020, 8, coaa045.		12
2024	The spread of <i>Bombus haematurus</i> in Italy and its first DNA barcode reference sequence. <i>Fragmenta Entomologica</i> , 2020, 52, 67-70.	0.4	4
2025	Agri-environment conservation set-asides have co-benefits for connectivity. <i>Ecography</i> , 2020, 43, 1435-1447.	2.1	6
2026	Hurricanes overcome migration lag and shape intraspecific genetic variation beyond a poleward mangrove range limit. <i>Molecular Ecology</i> , 2020, 29, 2583-2597.	2.0	22
2027	Modelling spatiotemporal trends in range shifts of marine commercial fish species driven by climate change surrounding the Antarctic Peninsula. <i>Science of the Total Environment</i> , 2020, 737, 140258.	3.9	7
2028	Double-edged effects of climate change on plant invasions: Ecological niche modeling global distributions of two invasive alien plants. <i>Science of the Total Environment</i> , 2020, 740, 139933.	3.9	43
2029	Global correlates of range contractions and expansions in terrestrial mammals. <i>Nature Communications</i> , 2020, 11, 2840.	5.8	68
2030	Avian mortality risk during heat waves will increase greatly in arid Australia during the 21st century. , 2020, 8, coaa048.		55
2031	Keeping pace with climate change in global terrestrial protected areas. <i>Science Advances</i> , 2020, 6, eaay0814.	4.7	94
2032	Using a Vegetation Model and Stakeholder Input to Assess the Climate Change Vulnerability of Tribally Important Ecosystem Services. <i>Forests</i> , 2020, 11, 618.	0.9	10
2033	Plant adaptation to climate change—Where are we?. <i>Journal of Systematics and Evolution</i> , 2020, 58, 533-545.	1.6	82
2034	Climate and land-use change refugia for Brazilian Cerrado birds. <i>Perspectives in Ecology and Conservation</i> , 2020, 18, 109-115.	1.0	16
2035	Tropical plants do not have narrower temperature tolerances, but are more at risk from warming because they are close to their upper thermal limits. <i>Global Ecology and Biogeography</i> , 2020, 29, 1387-1398.	2.7	68

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2036	Declining peatland bird numbers are not consistent with the increasing Common Crane population. <i>Journal of Ornithology</i> , 2020, 161, 691-700.	0.5	2
2037	Phylogenetic beta diversity in an upper montane Atlantic Forest along an altitudinal gradient. <i>Plant Ecology</i> , 2020, 221, 671-682.	0.7	11
2038	Intestinal Barrier Integrity in Heat-Stressed Modern Broilers and Their Ancestor Wild Jungle Fowl. <i>Frontiers in Veterinary Science</i> , 2020, 7, 249.	0.9	50
2039	Concurrent shifts in wintering distribution and phenology in migratory swans: Individual and generational effects. <i>Global Change Biology</i> , 2020, 26, 4263-4275.	4.2	19
2040	Drivers and Consequences of Alternative Landscape Futures on Wildlife Distributions in New England, United States. <i>Frontiers in Ecology and Evolution</i> , 2020, 8, .	1.1	9
2041	Can Rock-Rubble Groynes Support Similar Intertidal Ecological Communities to Natural Rocky Shores?. <i>Land</i> , 2020, 9, 131.	1.2	9
2042	Latitudinal distribution of polyplacophorans along the South-eastern Pacific coast: unravelling biases in geographical diversity patterns. <i>Marine Biodiversity</i> , 2020, 50, 1.	0.3	6
2043	How climate change affects parasites: the case of trematode parasite <i>Clinostomum complanatum</i> and its fish host <i>Trichogaster fasciatus</i> . <i>Journal of Parasitic Diseases</i> , 2020, 44, 476-480.	0.4	1
2044	Global warming will affect the maximum potential abundance of boreal plant species. <i>Ecography</i> , 2020, 43, 801-811.	2.1	26
2045	Reviews and syntheses: How do abiotic and biotic processes respond to climatic variations in the Nam Co catchment (Tibetan Plateau)?. <i>Biogeosciences</i> , 2020, 17, 1261-1279.	1.3	33
2046	Wildlife Ethics and Practice: Why We Need to Change the Way We Talk About "Invasive Species". <i>Journal of Agricultural and Environmental Ethics</i> , 2020, 33, 299-313.	0.9	11
2047	Cultural, histochemical, and immunohistochemical detection of pathogenic <i>Leptospira</i> species in the kidneys of cattle slaughtered in two abattoirs in Southwest Nigeria. <i>Journal of Immunoassay and Immunochemistry</i> , 2020, 41, 337-353.	0.5	5
2048	Latitudinal limit not a cold limit: Cold temperatures do not constrain an endangered tree species at its northern edge. <i>Journal of Biogeography</i> , 2020, 47, 1398-1412.	1.4	5
2049	Inclusion of trophic interactions increases the vulnerability of an alpine butterfly species to climate change. <i>Global Change Biology</i> , 2020, 26, 2867-2877.	4.2	21
2050	Geomorphology and Species Interactions Control Facilitation Cascades in a Salt Marsh Ecosystem. <i>Current Biology</i> , 2020, 30, 1562-1571.e4.	1.8	13
2051	Climate change effects on biodiversity, ecosystems, ecosystem services, and natural resource management in the United States. <i>Science of the Total Environment</i> , 2020, 733, 137782.	3.9	368
2052	Predicted distributions of avian specialists: A framework for conservation of endangered forests under future climates. <i>Diversity and Distributions</i> , 2020, 26, 652-667.	1.9	18
2053	Points of view matter when assessing biodiversity vulnerability to environmental changes. <i>Global Change Biology</i> , 2020, 26, 2734-2736.	4.2	2

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2054	Changes in Foliar Functional Traits of <i>S. pyrenaicus</i> subsp. <i>carpetanus</i> under the Ongoing Climate Change: A Retrospective Survey. <i>Plants</i> , 2020, 9, 395.	1.6	6
2055	A new native plant in the neighborhood: effects on plant-pollinator networks, pollination, and plant reproductive success. <i>Ecology</i> , 2020, 101, e03046.	1.5	13
2056	Small spaces, big impacts: contributions of micro-environmental variation to population persistence under climate change. <i>AoB PLANTS</i> , 2020, 12, plaa005.	1.2	28
2057	Mountain Ecosystems as Natural Laboratories for Climate Change Experiments. <i>Frontiers in Forests and Global Change</i> , 2020, 3, .	1.0	63
2058	Plant performance and survival across transplant experiments depend upon temperature and precipitation change along elevation. <i>Journal of Ecology</i> , 2020, 108, 2107-2120.	1.9	29
2059	Responses of Korean Pine to Proactive Managements under Climate Change. <i>Forests</i> , 2020, 11, 263.	0.9	7
2060	Will Lynx Lose Their Edge? Canada Lynx Occupancy in Washington. <i>Journal of Wildlife Management</i> , 2020, 84, 705-725.	0.7	12
2061	Multivariate climate departures have outpaced univariate changes across global lands. <i>Scientific Reports</i> , 2020, 10, 3891.	1.6	23
2062	Emerging challenges for sustainable development and forest conservation in Sarawak, Borneo. <i>PLoS ONE</i> , 2020, 15, e0229614.	1.1	26
2063	Small mountain reservoirs in the Alps: New habitats for alpine freshwater biodiversity?. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2020, 30, 617-630.	0.9	5
2064	Climate adaptation by crop migration. <i>Nature Communications</i> , 2020, 11, 1243.	5.8	153
2065	Local, but not long-distance dispersal of penguin ticks between two sub-Antarctic islands. <i>Frontiers of Biogeography</i> , 2020, 12, .	0.8	2
2066	Small-sized protected areas contribute more per unit area to tropical crop pollination than large protected areas. <i>Ecosystem Services</i> , 2020, 44, 101137.	2.3	2
2067	Predicting biotic responses to future climate warming with classic ecogeographic rules. <i>Current Biology</i> , 2020, 30, R744-R749.	1.8	30
2068	Above- and belowground responses to nutrient enrichment within a marsh-mangrove ecotone. <i>Estuarine, Coastal and Shelf Science</i> , 2020, 243, 106884.	0.9	8
2069	Dominance by <i>Spartina densiflora</i> slows salt marsh litter decomposition. <i>Journal of Vegetation Science</i> , 2020, 31, 1181-1191.	1.1	0
2070	Effects of Temperature Rise on Multi-Taxa Distributions in Mountain Ecosystems. <i>Diversity</i> , 2020, 12, 210.	0.7	11
2071	Divergence in Bergmann's clines: elevational variation and heritability of body size in a leaf-cutting ant. <i>Insectes Sociaux</i> , 2020, 67, 355-366.	0.7	1

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2072	Longitudinal and temporal assemblage patterns of benthic macroinvertebrates in snow melt stream waters of the Jhelum River Basin of Kashmir Himalaya (India). <i>Ecohydrology</i> , 2020, 13, e2236.	1.1	10
2073	Patterns and Controls on the Productivity and Plant Diversity of Alpine Ecosystems. , 2020, , 265-274.		2
2074	Climate warming has changed phenology and compressed the climatically suitable habitat of <i>Metasequoia glyptostroboides</i> over the last half century. <i>Global Ecology and Conservation</i> , 2020, 23, e01140.	1.0	9
2075	Future climate change will severely reduce habitat suitability of the Critically Endangered Chinese giant salamander. <i>Freshwater Biology</i> , 2020, 65, 971-980.	1.2	43
2076	Discovering the limits of ecological resilience. <i>Science</i> , 2020, 367, 626-627.	6.0	10
2077	In transition: Avian biogeographic responses to a century of climate change across desert biomes. <i>Global Change Biology</i> , 2020, 26, 3268-3284.	4.2	10
2078	Recent responses to climate change reveal the drivers of species extinction and survival. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 4211-4217.	3.3	373
2079	Amphibian responses in the aftermath of extreme climate events. <i>Scientific Reports</i> , 2020, 10, 3409.	1.6	23
2080	30% land conservation and climate action reduces tropical extinction risk by more than 50%. <i>Ecography</i> , 2020, 43, 943-953.	2.1	94
2081	Climate connectivity of the bobcat in the Great Lakes region. <i>Ecology and Evolution</i> , 2020, 10, 2131-2144.	0.8	6
2082	Can Topographic Variation in Climate Buffer against Climate Change-Induced Population Declines in Northern Forest Birds?. <i>Diversity</i> , 2020, 12, 56.	0.7	8
2083	Functional Role of Extrafloral Nectar in Boreal Forest Ecosystems under Climate Change. <i>Forests</i> , 2020, 11, 67.	0.9	6
2084	Global distribution patterns and niche modelling of the invasive <i>Kalanchoe houghtonii</i> (Crassulaceae). <i>Scientific Reports</i> , 2020, 10, 3143.	1.6	21
2085	Contrasting latitudinal patterns in diversity and stability in a high-altitude species-rich moth community. <i>Global Ecology and Biogeography</i> , 2020, 29, 896-907.	2.7	32
2086	Knowledge Gaps or Change of Distribution Ranges? Explaining New Records of Birds in the Ecuadorian Tumbesian Region of Endemism. <i>Diversity</i> , 2020, 12, 66.	0.7	5
2087	Simulation-based reconstruction of global bird migration over the past 50,000 years. <i>Nature Communications</i> , 2020, 11, 801.	5.8	20
2088	An artificial habitat increases the reproductive fitness of a range-shifting species within a newly colonized ecosystem. <i>Scientific Reports</i> , 2020, 10, 554.	1.6	11
2089	Contrasting Ozark and Great Lakes populations in the endangered Hines emerald dragonfly (<i>Somatochlora hineana</i>) using ecological, genetic, and phylogeographic analyses. <i>Conservation Science and Practice</i> , 2020, 2, e162.	0.9	1

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2090	Multidecadal shifts in fish community diversity across a dynamic biogeographic transition zone. <i>Diversity and Distributions</i> , 2020, 26, 93-107.	1.9	17
2091	Differential winter and breeding range shifts: Implications for avian migration distances. <i>Diversity and Distributions</i> , 2020, 26, 415-425.	1.9	26
2092	Vanishing islands in the sky? A comparison of correlation- and mechanism-based forecasts of range dynamics for montane salamanders under climate change. <i>Ecography</i> , 2020, 43, 481-493.	2.1	18
2093	The Moran effect revisited: spatial population synchrony under global warming. <i>Ecography</i> , 2020, 43, 1591-1602.	2.1	55
2094	A winner in the Anthropocene: changing host plant distribution explains geographical range expansion in the gulf fritillary butterfly. <i>Ecological Entomology</i> , 2020, 45, 652-662.	1.1	8
2095	Resolving fine-scale population structure and fishery exploitation using sequenced microsatellites in a northern fish. <i>Evolutionary Applications</i> , 2020, 13, 1055-1068.	1.5	32
2096	Opinion: Is gene mapping in wild populations useful for understanding and predicting adaptation to global change?. <i>Global Change Biology</i> , 2020, 26, 2737-2749.	4.2	8
2097	Scientists' warning to humanity on insect extinctions. <i>Biological Conservation</i> , 2020, 242, 108426.	1.9	458
2098	East Asian summer monsoon and topography co-determine the Holocene migration of forest-steppe ecotone in northern China. <i>Global and Planetary Change</i> , 2020, 187, 103135.	1.6	19
2099	Climate warming disrupts mast seeding and its fitness benefits in European beech. <i>Nature Plants</i> , 2020, 6, 88-94.	4.7	86
2100	Rapid and varied responses of songbirds to climate change in California coniferous forests. <i>Biological Conservation</i> , 2020, 241, 108347.	1.9	25
2101	Spatial detection of alpine treeline ecotones in the Western United States. <i>Remote Sensing of Environment</i> , 2020, 240, 111672.	4.6	14
2102	Monitoring biodiversity in the Anthropocene using remote sensing in species distribution models. <i>Remote Sensing of Environment</i> , 2020, 239, 111626.	4.6	142
2103	Soil abiotic and biotic properties constrain the establishment of a dominant temperate tree into boreal forests. <i>Journal of Ecology</i> , 2020, 108, 931-944.	1.9	33
2104	Parenting in a warming world: thermoregulatory responses to heat stress in an endangered seabird. , 2020, 8, coz109.		25
2105	Multiple axes of ecological vulnerability to climate change. <i>Global Change Biology</i> , 2020, 26, 2798-2813.	4.2	40
2106	Coordinated photodegradation and biodegradation of organic matter from macrophyte litter in shallow lake water: Dual role of solar irradiation. <i>Water Research</i> , 2020, 172, 115516.	5.3	28
2107	Altitudinal upwards shifts in fungal fruiting in the Alps. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20192348.	1.2	20

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2108	Translocating subtropical forest soils to a warmer region alters microbial communities and increases the decomposition of mineral-associated organic carbon. <i>Soil Biology and Biochemistry</i> , 2020, 142, 107707.	4.2	16
2109	Climate limitation at the cold edge: contrasting perspectives from species distribution modelling and a transplant experiment. <i>Ecography</i> , 2020, 43, 637-647.	2.1	35
2110	Contrasting trends between species and catchments in diadromous fish counts over the last 30 years in France. <i>Knowledge and Management of Aquatic Ecosystems</i> , 2020, , 7.	0.5	8
2111	The development of Anthropocene biotas. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2020, 375, 20190113.	1.8	41
2112	Planning for climate change through additions to a national protected area network: implications for cost and configuration. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2020, 375, 20190117.	1.8	48
2113	Climate change mitigation and nature conservation both require higher protected area targets. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2020, 375, 20190121.	1.8	62
2114	Habitat transformation and climate change: Implications for the distribution, population status, and colony extinction of Southern Bald Ibis (<i>Geronticus calvus</i>) in southern Africa. <i>Condor</i> , 2020, 122, .	0.7	3
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2116	Does range expansion modify trait covariation? A study of a northward expanding dragonfly. <i>Oecologia</i> , 2020, 192, 565-575.	0.9	2
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2124	Hybridizing salamanders experience accelerated diversification. <i>Scientific Reports</i> , 2020, 10, 6566.	1.6	16
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2186	Review: Plant eco-evolutionary responses to climate change: Emerging directions. <i>Plant Science</i> , 2021, 304, 110737.	1.7	31
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2188	Mountain treelines climb slowly despite rapid climate warming. <i>Global Ecology and Biogeography</i> , 2021, 30, 305-315.	2.7	62
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2200	Onward but not always upward: individualistic elevational shifts of tree species in subtropical montane forests. <i>Ecography</i> , 2021, 44, 112-123.	2.1	24
2201	Incorporating marine macrophytes in plant-soil feedbacks: Emerging evidence and opportunities to advance the field. <i>Journal of Ecology</i> , 2021, 109, 614-625.	1.9	2
2202	Nordic Perspectives on the Responsible Development of the Arctic: Pathways to Action. <i>Springer Polar Sciences</i> , 2021, , .	0.0	5
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2212	Climate change refugia: landscape, stand and tree-scale microclimates in epiphyte community composition. <i>Lichenologist</i> , 2021, 53, 135-148.	0.5	5
2213	Plant-soil interactions in a changing world: a climate change perspective. , 2021, , 1-27.		0
2214	Modeling Future Potential Distribution of Buff-Bellied Hummingbird (<i>Amazilia yucatanensis</i>) Under Climate Change: Species vs. Subspecies. <i>Tropical Conservation Science</i> , 2021, 25, 194008292110308.	0.6	3
2215	Searching for synthetic mechanisms on how biological traits mediate species responses to climate change. <i>Biota Neotropica</i> , 2021, 21, .	0.2	1
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2227	The dynamics of the development of harmful insects on the mother planting of basic grape plants in the Rostov region. BIO Web of Conferences, 2021, 34, 04006.	0.1	0
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2257	Current and time-lagged effects of climate on innate immunity in two sympatric snake species. <i>Ecology and Evolution</i> , 2021, 11, 3239-3250.	0.8	7
2258	Regional disparity in extinction risk: Comparison of disjunct plant genera between eastern Asia and eastern North America. <i>Global Change Biology</i> , 2021, 27, 1904-1914.	4.2	8
2259	Vulnerability of global biodiversity hotspots to climate change. <i>Global Ecology and Biogeography</i> , 2021, 30, 768-783.	2.7	87
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2264	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
2265	Unusually large upward shifts in cold-adapted, montane mammals as temperature warms. <i>Ecology</i> , 2021, 102, e03300.	1.5	11
2266	Suitability of Habitats in Nepal for <i>Dactyloctenium aegyptium</i> Now and under Predicted Future Changes in Climate. <i>Plants</i> , 2021, 10, 467.	1.6	14
2267	The effects of climate change on Australia's only endemic <i>Poeciloceryle</i> : Measuring bias in species distribution models. <i>Methods in Ecology and Evolution</i> , 2021, 12, 985-995.	2.2	9
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2273	Monitoring Forest Phenology in a Changing World. <i>Forests</i> , 2021, 12, 297.	0.9	23
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2275	Changes in Sediment Organic Carbon Accumulation under Conditions of Historical Sea-Level Rise, Southeast Saline Everglades, Florida, USA. <i>Wetlands</i> , 2021, 41, 1.	0.7	5

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2277	What drives species'™ distributions along elevational gradients? Macroecological and evolutionary insights from Brassicaceae of the central Alps. <i>Global Ecology and Biogeography</i> , 2021, 30, 1030-1042.	2.7	7
2278	Accounting for species interactions is necessary for predicting how arctic arthropod communities respond to climate change. <i>Ecography</i> , 2021, 44, 885-896.	2.1	24
2279	Spatial and temporal shifts in photoperiod with climate change. <i>New Phytologist</i> , 2021, 230, 462-474.	3.5	21
2280	Increasing environmental filtering of diazotrophic communities with a decade of latitudinal soil transplantation. <i>Soil Biology and Biochemistry</i> , 2021, 154, 108119.	4.2	27
2281	An iconic messenger of climate change? Predicting the range dynamics of the European Bee-eater (<i>Merops apiaster</i>). <i>Journal of Ornithology</i> , 2021, 162, 631-644.	0.5	8
2282	Using Holocene fossils to model the future: Distribution of climate suitability for tuatara, the last rhynchocephalian. <i>Journal of Biogeography</i> , 2021, 48, 1489-1502.	1.4	6
2283	An Orchid in Retrograde: Climate-Driven Range Shift Patterns of <i>Ophrys helenae</i> in Greece. <i>Plants</i> , 2021, 10, 470.	1.6	11
2284	Predicting impacts of food competition, climate, and disturbance on a long-distance migratory herbivore. <i>Ecosphere</i> , 2021, 12, e03405.	1.0	5
2285	Elevational distribution ranges of vascular plant species in the Baekdudaegan mountain range, South Korea. <i>Journal of Ecology and Environment</i> , 2021, 45, .	1.6	5
2286	Are protected areas well-sited to support species in the future in a major climate refuge and corridor in the United States?. <i>Biological Conservation</i> , 2021, 255, 108982.	1.9	19
2287	Limited Evidence for Parallel Evolution Among Desert-Adapted <i>Peromyscus</i> Deer Mice. <i>Journal of Heredity</i> , 2021, 112, 286-302.	1.0	14
2289	Grow fast but don't die young: Maternal effects mediate life-history trade-offs of lizards under climate warming. <i>Journal of Animal Ecology</i> , 2021, 90, 1550-1559.	1.3	14
2290	Upward shifts in elevational limits of forest and grassland for Mexican volcanoes over three decades. <i>Biotropica</i> , 2021, 53, 798-807.	0.8	7
2291	Abandonment of traditional land use and climate change threaten the survival of an endangered relict butterfly species. <i>Insect Conservation and Diversity</i> , 2021, 14, 556-567.	1.4	12
2292	Effects of climate change on the distribution of felids: mapping biogeographic patterns and establishing conservation priorities. <i>Biodiversity and Conservation</i> , 2021, 30, 1375-1394.	1.2	4
2293	Species-specific responses of a marsh-forest ecotone plant community responding to climate change. <i>Ecology</i> , 2021, 102, e03296.	1.5	9
2294	Sensitivity of aboveground biomass and species composition to climate change in boreal forests of Northeastern China. <i>Ecological Modelling</i> , 2021, 445, 109472.	1.2	8

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2296	The four antelope species on the Qinghai-Tibet plateau face habitat loss and redistribution to higher latitudes under climate change. <i>Ecological Indicators</i> , 2021, 123, 107337.	2.6	27
2297	Improvements in reports of species redistribution under climate change are required. <i>Science Advances</i> , 2021, 7, .	4.7	56
2299	ClimPlant: Realized climatic niches of vascular plants in European forest understoreys. <i>Global Ecology and Biogeography</i> , 2021, 30, 1183-1190.	2.7	23
2300	Temperature mitigation strategies in <i>Lepidium latifolium</i> L., a sleeper weed from Ladakh himalayas. <i>Environmental and Experimental Botany</i> , 2021, 184, 104352.	2.0	0
2301	Current and Forthcoming Approaches for Benchmarking Genetic and Genomic Diversity. <i>Frontiers in Ecology and Evolution</i> , 2021, 9, .	1.1	4
2302	Rapid thermophilization of understorey plant communities in a 9 year-long temperate forest experiment. <i>Journal of Ecology</i> , 2021, 109, 2434-2447.	1.9	27
2303	Evolution of cold tolerance and thermal plasticity in life history, behaviour and physiology during a poleward range expansion. <i>Journal of Animal Ecology</i> , 2021, 90, 1666-1677.	1.3	16
2304	When cooling is worse than warming: investigations into the thermal tolerance of an endemic reef fish, <i>Boopsoidea inornata</i> . <i>African Journal of Marine Science</i> , 2021, 43, 239-249.	0.4	1
2305	The decline of a hidden and expansive microhabitat: the subnivium. <i>Frontiers in Ecology and the Environment</i> , 2021, 19, 268-273.	1.9	14
2306	Diversity and niche differentiation of a mixed pine-oak forest in the Sierra Norte, Oaxaca, Mexico. <i>Ecosphere</i> , 2021, 12, e03475.	1.0	5
2307	Spatial activity and habitat use of a marginal population of the endangered Mediterranean horseshoe bat (<i>Rhinolophus euryale</i>). <i>Mammal Research</i> , 2021, 66, 499.	0.6	2
2308	Temperature and Prey Species Richness Drive the Broad-Scale Distribution of a Generalist Predator. <i>Diversity</i> , 2021, 13, 169.	0.7	2
2309	Mollusc successions reveal northward postglacial shifts of Alpine species ranges (Bohemian Massif,) Tj ETQq1 1 0.784314 rgBT /Overl	0.9	1
2310	Range edges of North American marine species are tracking temperature over decades. <i>Global Change Biology</i> , 2021, 27, 3145-3156.	4.2	38
2311	Phenological and elevational shifts of plants, animals and fungi under climate change in the European Alps. <i>Biological Reviews</i> , 2021, 96, 1816-1835.	4.7	102
2312	Spatio-temporal analysis of Egyptian flower mantis <i>Blepharopsis mendica</i> (order: mantodea), with notes of its future status under climate change. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 2049-2055.	1.8	7
2313	Red mason bee (<i>Osmia bicornis</i>) thermal preferences for nest sites and their effects on offspring survival. <i>Apidologie</i> , 2021, 52, 707-719.	0.9	8

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2316	Redistribution of Sumatran orangutan in the Leuser ecosystem due to dispersal constraints and climate change. <i>IOP Conference Series: Earth and Environmental Science</i> , 2021, 771, 012006.	0.2	0
2317	Treatment of climate change in extinction risk assessments and recovery plans for threatened species. <i>Conservation Science and Practice</i> , 2021, 3, e450.	0.9	6
2318	Dynamics of a discrete-time pioneer-climax model. <i>Theoretical Ecology</i> , 2021, 14, 501.	0.4	2
2319	Distribution and Habitat Suitability of Ross Seals in a Warming Ocean. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	8
2320	Impact of climate change on alpine plant community in Qilian Mountains of China. <i>International Journal of Biometeorology</i> , 2021, 65, 1849-1858.	1.3	10
2321	Balsam Fir and American Beech Influence Soil Respiration Rates in Opposite Directions in a Sugar Maple Forest Near Its Northern Range Limit. <i>Frontiers in Forests and Global Change</i> , 2021, 4, .	1.0	5
2322	Climate adaptation interventions for iconic fauna. <i>Conservation Science and Practice</i> , 2021, 3, e434.	0.9	6
2323	Montane species track rising temperatures better in the tropics than in the temperate zone. <i>Ecology Letters</i> , 2021, 24, 1697-1708.	3.0	55
2324	Endemism increases species' climate change risk in areas of global biodiversity importance. <i>Biological Conservation</i> , 2021, 257, 109070.	1.9	120
2325	Site Characteristics More Than Vegetation Type Influence Food Web Structure of Intertidal Salt Marshes. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	3
2326	Autumn larval cold tolerance does not predict the northern range limit of a widespread butterfly species. <i>Ecology and Evolution</i> , 2021, 11, 8332-8346.	0.8	4
2327	Does Hyperoxia Restrict Pyrenean Rock Lizards <i>Iberolacerta bonnali</i> to High Elevations?. <i>Diversity</i> , 2021, 13, 200.	0.7	4
2328	Genetic and environmental modulation of transposition shapes the evolutionary potential of <i>Arabidopsis thaliana</i> . <i>Genome Biology</i> , 2021, 22, 138.	3.8	76
2329	Dung beetle resistance to desiccation varies within and among populations. <i>Physiological Entomology</i> , 2021, 46, 230-243.	0.6	5
2330	Site-Based Conservation of Terrestrial Bird Species in the Caribbean and Central and South America Under Climate Change. <i>Frontiers in Ecology and Evolution</i> , 2021, 9, .	1.1	3
2331	Temperature effects on forest understorey plants in hedgerows: a combined warming and transplant experiment. <i>Annals of Botany</i> , 2021, 128, 315-327.	1.4	2
2332	Thermal performance under constant temperatures can accurately predict insect development times across naturally variable microclimates. <i>Ecology Letters</i> , 2021, 24, 1633-1645.	3.0	32

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2333	Shifts in global bat diversity suggest a possible role of climate change in the emergence of SARS-CoV-1 and SARS-CoV-2. <i>Science of the Total Environment</i> , 2021, 767, 145413.	3.9	90
2334	Two centuries of changes in Andean crop distribution. <i>Journal of Biogeography</i> , 2021, 48, 1972-1980.	1.4	7
2335	Climate change and elevated CO ₂ favor forest over savanna under different future scenarios in South Asia. <i>Biogeosciences</i> , 2021, 18, 2957-2979.	1.3	14
2336	Light and energetics at seasonal extremes limit poleward range shifts. <i>Nature Climate Change</i> , 2021, 11, 530-536.	8.1	18
2337	Predicted climate-induced reductions in scavenging in eastern North America. <i>Global Change Biology</i> , 2021, 27, 3383-3394.	4.2	5
2338	Linking climate niches across seasons to assess population vulnerability in a migratory bird. <i>Global Change Biology</i> , 2021, 27, 3519-3531.	4.2	14
2339	Lagged recovery of fish spatial distributions following a cold-water perturbation. <i>Scientific Reports</i> , 2021, 11, 9513.	1.6	6
2340	Climate change and micro-topography are facilitating the mountain invasion by a non-native perennial plant species. <i>NeoBiota</i> , 0, 65, 23-45.	1.0	9
2341	Cascading effects: insights from the U.S. Long Term Ecological Research Network. <i>Ecosphere</i> , 2021, 12, e03430.	1.0	8
2342	Successful Long-Distance Breeding Range Expansion of a Top Marine Predator. <i>Frontiers in Ecology and Evolution</i> , 2021, 9, .	1.1	5
2343	Northward range extension for <i>Durvillaea poha</i> kelp: Response to tectonic disturbance?. <i>Journal of Phycology</i> , 2021, 57, 1411-1418.	1.0	9
2344	Landscape forest impacts the potential activity time of an invasive lizard and its possibilities for range expansion in Taiwan under climate warming. <i>Journal of Thermal Biology</i> , 2021, 98, 102948.	1.1	6
2345	Vulnerability of bat-plant pollination interactions due to environmental change. <i>Global Change Biology</i> , 2021, 27, 3367-3382.	4.2	17
2346	Predicting impacts of global climatic change on genetic and phylogeographical diversity of a Neotropical treefrog. <i>Diversity and Distributions</i> , 2021, 27, 1519-1535.	1.9	10
2347	Predicting the Location of Maple Habitat Under Warming Scenarios in Two Regions at the Northern Range in Canada. <i>Forest Science</i> , 2021, 67, 446-456.	0.5	2
2348	Modeling biodiversity changes and conservation issues in a desert sky island. <i>Journal of Arid Environments</i> , 2021, 189, 104481.	1.2	4
2349	Mapping climate change vulnerability of aquatic-riparian ecosystems using decision-relevant indicators. <i>Ecological Indicators</i> , 2021, 125, 107581.	2.6	3
2350	A First Look into the Natural History of the Sierra Box Turtle (<i>Terrapene nelsoni klauberi</i>) in Southeast Sonora, Mexico. <i>Chelonian Conservation and Biology</i> , 2021, 20, .	0.1	0

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2352	How Dispersal Evolution and Local Adaptation Affect the Range Dynamics of Species Lagging Behind Climate Change. <i>American Naturalist</i> , 2021, 197, E173-E187.	1.0	8
2353	Perceived Barriers to the Use of Assisted Colonization for Climate Sensitive Species in the Hawaiian Islands. <i>Environmental Management</i> , 2021, 68, 329-339.	1.2	5
2354	El Niño Southern Oscillation impacts on jumbo squid habitat: Implication for fisheries management. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2021, 31, 2072-2083.	0.9	6
2355	Predicting the Potential Geographic Distribution and Habitat Suitability of Two Economic Forest Trees on the Loess Plateau, China. <i>Forests</i> , 2021, 12, 747.	0.9	12
2356	Drivers of black grouse trends in the French Alps: The prevailing contribution of climate. <i>Diversity and Distributions</i> , 2021, 27, 1338-1352.	1.9	5
2357	Virus-Host Interactions Shape Viral Dispersal Giving Rise to Distinct Classes of Traveling Waves in Spatial Expansions. <i>Physical Review X</i> , 2021, 11, .	2.8	5
2358	Fluctuation at High Temperature Combined with Nutrients Alters the Thermal Dependence of Phytoplankton. <i>Microbial Ecology</i> , 2021, , 1.	1.4	7
2359	Propagule pressure rather than population growth determines colonisation ability: a case study using two phytophagous mite species differing in their invasive potential. <i>Ecological Entomology</i> , 2021, 46, 1136-1147.	1.1	2
2360	Future fire-driven landscape changes along a southwestern US elevation gradient. <i>Climatic Change</i> , 2021, 166, 1.	1.7	2
2362	Community structure of macromoths along altitudinal gradients in Korea. <i>Journal of Asia-Pacific Biodiversity</i> , 2021, 14, 205-208.	0.2	0
2363	Rapid shifts in Arctic tundra species' distributions and inter-specific range overlap under future climate change. <i>Diversity and Distributions</i> , 2021, 27, 1706-1718.	1.9	20
2364	Combining range and phenology shifts offers a winning strategy for boreal Lepidoptera. <i>Ecology Letters</i> , 2021, 24, 1619-1632.	3.0	36
2365	Modeling current and future species distribution of breeding birds as regional essential biodiversity variables (SEBVs): A bird perspective in Swiss Alps. <i>Global Ecology and Conservation</i> , 2021, 27, e01596.	1.0	8
2366	Understanding the critical rate of environmental change for ecosystems, cyanobacteria as an example. <i>PLoS ONE</i> , 2021, 16, e0253003.	1.1	6
2367	Species distribution models for predicting the habitat suitability of Chinese fire-bellied newt <i>Cynops orientalis</i> under climate change. <i>Ecology and Evolution</i> , 2021, 11, 10147-10154.	0.8	6
2368	Community-level assisted migration for climate-appropriate prairie restoration. <i>Restoration Ecology</i> , 2021, 29, e13416.	1.4	7
2369	Climate influence on the distribution of the yellow plum (<i>Ximenia Americana</i> L.) in Burkina Faso. <i>Trees, Forests and People</i> , 2021, 4, 100072.	0.8	9

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2371	Decline of parasitic and habitat-specialist species drives taxonomic, phylogenetic and functional homogenization of sub-alpine bumblebee communities. <i>Oecologia</i> , 2021, 196, 905-917.	0.9	5
2372	Evidence of Range Shifts in Riparian Plant Assemblages in Response to Multidecadal Streamflow Declines. <i>Frontiers in Ecology and Evolution</i> , 2021, 9, .	1.1	3
2373	Colonizations cause diversification of host preferences: A mechanism explaining increased generalization at range boundaries expanding under climate change. <i>Global Change Biology</i> , 2021, 27, 3505-3518.	4.2	20
2374	Radial growth and non-structural carbohydrate partitioning response to resin tapping of slash pine (<i>Pinus elliottii</i> Engelm. var. <i>elliottii</i>). <i>Journal of Forestry Research</i> , 2022, 33, 423-433.	1.7	9
2376	Assessment of climate change effects on alpine summit vegetation in the transition of tropical to subtropical humid climate. <i>Plant Ecology</i> , 2021, 222, 933-951.	0.7	6
2377	Effects of climate variation on bird escape distances modulate community responses to global change. <i>Scientific Reports</i> , 2021, 11, 12826.	1.6	8
2378	Optimal reservoir operation â€œ A climate change adaptation strategy for Narmada basin in central India. <i>Journal of Hydrology</i> , 2021, 598, 126238.	2.3	21
2379	Changes in the structure and composition of the â€œMexicalâ€™ scrubland bee community along an elevational gradient. <i>PLoS ONE</i> , 2021, 16, e0254072.	1.1	5
2380	Climate and land use changes shift the distribution and dispersal of two umbrella species in the Hindu Kush Himalayan region. <i>Science of the Total Environment</i> , 2021, 777, 146207.	3.9	33
2381	Embedding biodiversity research into climate adaptation policy and practice. <i>Global Change Biology</i> , 2021, 27, 4935-4945.	4.2	2
2382	Comparison of the distribution and phenology of Arctic Mountain plants between the early 20th and 21st centuries. <i>Global Change Biology</i> , 2021, 27, 5070-5083.	4.2	9
2384	Addressing risks to biodiversity arising from a changing climate: The need for ecosystem restoration in the Tana River Basin, Kenya. <i>PLoS ONE</i> , 2021, 16, e0254879.	1.1	10
2385	Long-term resilience in microcrustacean communities despite environmental changes. <i>Ecosphere</i> , 2021, 12, e03676.	1.0	1
2386	Historical floras reflect broad shifts in flowering phenology in response to a warming climate. <i>Ecosphere</i> , 2021, 12, e03683.	1.0	4
2387	Thermal traits predict the winners and losers under climate change: an example from North American ant communities. <i>Ecosphere</i> , 2021, 12, e03645.	1.0	20
2389	Identification of the most preferred topographic elevation characteristics for the wild olive trees in Al-Baha Region, Saudi Arabia. <i>International Journal of Advanced and Applied Sciences</i> , 2021, 8, 115-125.	0.2	0
2390	Effects of egg mass and local climate on morphology of East Pacific leatherback turtle <i>Dermochelys coriacea</i> hatchlings in Costa Rica. <i>Marine Ecology - Progress Series</i> , 2021, 669, 191-200.	0.9	3

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2392	Antioxidant, antimicrobial and antiproliferative activities of fungal metabolite produced by <i>Aspergillus flavus</i> on in vitro study. <i>Food Science and Technology</i> , 0, , .	0.8	1
2393	Potential distribution and habitat suitability of <i>Picea crassifolia</i> with climate change scenarios. <i>Canadian Journal of Forest Research</i> , 2021, 51, 1903-1915.	0.8	3
2394	Genomics of altitude-associated wing shape in two tropical butterflies. <i>Molecular Ecology</i> , 2021, 30, 6387-6402.	2.0	8
2395	Global change on the roof of the world: Vulnerability of Himalayan otter species to land use and climate alterations. <i>Diversity and Distributions</i> , 2022, 28, 1635-1649.	1.9	23
2396	Estimating spatiotemporal availability of transboundary fishes to fishery-independent surveys. <i>Journal of Applied Ecology</i> , 2021, 58, 2146-2157.	1.9	8
2397	Forest Structure and Projections of <i>Avicennia germinans</i> (L.) L. at Three Levels of Perturbation in a Southwestern Gulf of Mexico Mangrove. <i>Forests</i> , 2021, 12, 989.	0.9	2
2398	Climate change may induce connectivity loss and mountaintop extinction in Central American forests. <i>Communications Biology</i> , 2021, 4, 869.	2.0	7
2399	How phenological tracking shapes species and communities in non-stationary environments. <i>Biological Reviews</i> , 2021, 96, 2810-2827.	4.7	12
2400	Potential distributional shifts in North America of allelopathic invasive plant species under climate change models. <i>Plant Diversity</i> , 2022, 44, 11-19.	1.8	21
2401	Long-term persistence of experimental populations beyond a species' natural range. <i>Ecology</i> , 2021, 102, e03432.	1.5	1
2402	Factors influencing distributional shifts and abundance at the range core of a climate-sensitive mammal. <i>Global Change Biology</i> , 2021, 27, 4498-4515.	4.2	21
2403	Cushion plants as critical pioneers and engineers in alpine ecosystems across the Tibetan Plateau. <i>Ecology and Evolution</i> , 2021, 11, 11554-11558.	0.8	4
2404	Evolutionary Responses to Warming. <i>Trends in Ecology and Evolution</i> , 2021, 36, 591-600.	4.2	35
2405	Climate Connectivity of European Forests for Species Range Shifts. <i>Forests</i> , 2021, 12, 940.	0.9	0
2406	Variation in Alpine Plant Diversity and Soil Temperatures in Two Mountain Landscapes of South Patagonia. <i>Diversity</i> , 2021, 13, 310.	0.7	2
2407	Invasion history shapes host transcriptomic response to a body-snatching parasite. <i>Molecular Ecology</i> , 2021, 30, 4321-4337.	2.0	2
2408	Losers can win: Thermoregulatory advantages of regenerated claws of fiddler crab males for establishment in warmer microhabitats. <i>Journal of Thermal Biology</i> , 2021, 99, 102952.	1.1	1

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2410	Climate change is creating a mismatch between protected areas and suitable habitats for frogs and birds in Puerto Rico. <i>Biodiversity and Conservation</i> , 2021, 30, 3509-3528.	1.2	5
2411	<i>Ophrys sphegodes</i> subsp. <i>helenae</i> (Renz) Sołt & D.M.Moore (Orchidaceae): a new subspecies for the Bulgarian flora. <i>Acta Scientifica Naturalis</i> , 2021, 8, 55-73.	0.0	0
2413	Shifts in fine-scale distribution and breeding success of boreal waterbirds along gradients in ice-out timing and habitat structure. <i>Freshwater Biology</i> , 2021, 66, 2038-2050.	1.2	4
2414	Why Are Species' Traits Weak Predictors of Range Shifts?. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2021, 52, 47-66.	3.8	34
2415	Differences in Thermal Tolerance between Parental Species Could Fuel Thermal Adaptation in Hybrid Wood Ants. <i>American Naturalist</i> , 2021, 198, 278-294.	1.0	8
2416	Big Data in Biodiversity Science: A Framework for Engagement. <i>Technologies</i> , 2021, 9, 60.	3.0	4
2417	Potential Impacts of Climate Change on the Toxicity of Pesticides towards Earthworms. <i>Journal of Toxicology</i> , 2021, 2021, 1-14.	1.4	12
2418	Modeling opportunistic exploitation: increased extinction risk when targeting more than one species. <i>Ecological Modelling</i> , 2021, 454, 109611.	1.2	2
2419	Relict populations of <i>Araucaria angustifolia</i> will be isolated, poorly protected, and unconnected under climate and land-use change in Brazil. <i>Biodiversity and Conservation</i> , 2021, 30, 3665-3684.	1.2	9
2420	Species and spatial variation in the effects of sea ice on Arctic seabird populations. <i>Diversity and Distributions</i> , 2021, 27, 2204-2217.	1.9	12
2421	Review on climate change and its effect on wildlife and ecosystem. <i>Open Journal of Environmental Biology</i> , 2021, , 008-014.	0.1	6
2422	High-latitude EU Habitats Directive species at risk due to climate change and land use. <i>Global Ecology and Conservation</i> , 2021, 28, e01664.	1.0	9
2423	Resilience of terrestrial and aquatic fauna to historical and future wildfire regimes in western North America. <i>Ecology and Evolution</i> , 2021, 11, 12259-12284.	0.8	27
2424	Ecological niche models of biotic interactions predict increasing pest risk to olive cultivars with changing climate. <i>Ecosphere</i> , 2021, 12, e03714.	1.0	12
2425	Individual Nest Site Preferences Do Not Explain Upslope Population Shifts of a Secondary Cavity-Nesting Species. <i>Animals</i> , 2021, 11, 2457.	1.0	0
2426	Sensitivity and future exposure of ecosystem services to climate change on the Tibetan Plateau of China. <i>Landscape Ecology</i> , 2021, 36, 3451-3471.	1.9	44
2427	Terrestrial biodiversity threatened by increasing global aridity velocity under high-level warming. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	29

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2428	Aspen seedling establishment, survival, and growth following a high-severity wildfire. <i>Forest Ecology and Management</i> , 2021, 493, 119248.	1.4	7
2430	Functional traits shape tree species distribution in the Himalayas. <i>Journal of Ecology</i> , 2021, 109, 3818-3834.	1.9	19
2431	Buried hurricane legacies: increased nutrient limitation and decreased root biomass in coastal wetlands. <i>Ecosphere</i> , 2021, 12, e03674.	1.0	6
2432	South America climate change revealed through climate indices projected by GCMs and Eta-RCM ensembles. <i>Climate Dynamics</i> , 2022, 58, 459-485.	1.7	33
2433	Predicting the potential global distribution of <i>Ageratina adenophora</i> under current and future climate change scenarios. <i>Ecology and Evolution</i> , 2021, 11, 12092-12113.	0.8	29
2434	The evolutionary genomics of species' responses to climate change. <i>Nature Ecology and Evolution</i> , 2021, 5, 1350-1360.	3.4	63
2435	Climatic displacement exacerbates the negative impact of drought on plant performance and associated arthropod abundance. <i>Ecology</i> , 2021, 102, e03462.	1.5	7
2436	Modeling the climate change impact on the habitat suitability and potential distribution of an economically important hill stream fish, <i>Neolissochilus hexagonolepis</i> , in the Ganges-Brahmaputra basin of Eastern Himalayas. <i>Aquatic Sciences</i> , 2021, 83, 1.	0.6	6
2437	Upward shift and elevational range contractions of subtropical mountain plants in response to climate change. <i>Science of the Total Environment</i> , 2021, 783, 146896.	3.9	60
2438	Diminishing potential for tropical reefs to function as coral diversity strongholds under climate change conditions. <i>Diversity and Distributions</i> , 2021, 27, 2245-2261.	1.9	12
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2802	Distribuci3n potencial de puya raimondii harms en futuros escenarios del cambio clim4tico. <i>Journal of High Andean Research</i> , 2020, 22, 170-181.	0.1	2
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2827	The effect of proximity to protected areas on community adaptation to environmental change. <i>Journal of Environmental Management</i> , 2022, 301, 113805.	3.8	2
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2853	Geographic Variation in the Acoustic Signals of <i>Dendropsophus nanus</i> (Boulenger 1889) (Anura): Tj ETQq1 1 0.784314 rgBT /Overloc	0.2	3
2858	Microclimate and Summer Surface Activity in the American Pika (<i>Ochotona princeps</i>). <i>Western North American Naturalist</i> , 2020, 80, .	0.2	5
2861	CLINF: Climate-Change Effects on the Epidemiology of Infectious Diseases, and the Associated Impacts on Northern Societies. <i>Springer Polar Sciences</i> , 2021, , 49-70.	0.0	2
2862	Mountain Biodiversity and Sustainable Development. <i>Encyclopedia of the UN Sustainable Development Goals</i> , 2021, , 640-660.	0.0	2
2863	Synergies Between Climate Change, Biodiversity, Ecosystem Function and Services, Indirect Drivers of Change and Human Well-Being in Forests. , 2021, , 263-320.		2
2864	The presence of a foreign microbial community promotes plant growth and reduces filtering of root fungi in the arctic-alpine plant <i>Silene acaulis</i> . <i>Plant Ecology and Diversity</i> , 2020, 13, 377-390.	1.0	2
2880	Differences in growth pattern and response to climate warming between <i>Larix olgensis</i> and <i>Pinus koraiensis</i> in Northeast China are related to their distinctions in xylem hydraulics. <i>Agricultural and Forest Meteorology</i> , 2022, 312, 108724.	1.9	16
2881	Life cycle assessment for microalgae-derived biofuels. , 2022, , 523-545.		0
2882	Climate Change Impacts on Biodiversity in Arid and Semi-Arid Areas. , 2022, , 578-602.		1
2883	Limestone quarries are the most important refuge for a formerly widespread grassland butterfly. <i>Insect Conservation and Diversity</i> , 2022, 15, 200-212.	1.4	5
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2887	MIXED EVIDENCE FOR NICHE CONSERVATISM IN MOUNTAIN BEAVER (<i>APLODONTIA RUFA</i>) LINEAGES. , 2021, 102, .		0
2888	Landscape genomics of the streamside salamander: Implications for species management in the face of environmental change. <i>Evolutionary Applications</i> , 2022, 15, 220-236.	1.5	4
2889	Potential range shifts and climatic refugia of rupicolous reptiles in a biodiversity hotspot of South Africa. <i>Environmental Conservation</i> , 2021, 48, 264-273.	0.7	3
2890	Incorporating Geographical Scale and Multiple Environmental Factors to Delineate the Breeding Distribution of Sea Turtles. <i>Drones</i> , 2021, 5, 142.	2.7	4
2892	Land use and life history constrain adaptive genetic variation and reduce the capacity for climate change adaptation in turtles. <i>BMC Genomics</i> , 2021, 22, 837.	1.2	2
2893	Genomic and common garden approaches yield complementary results for quantifying environmental drivers of local adaptation in rubber rabbitbrush, a foundational Great Basin shrub. <i>Evolutionary Applications</i> , 2021, 14, 2881-2900.	1.5	10
2894	Predicting the impacts of climate change on the potential distribution pattern of endangered Himalayan natives (<i>Ulmus wallichiana</i> and <i>U. villosa</i>) in Pakistan. <i>Arabian Journal of Geosciences</i> , 2021, 14, 1.	0.6	2
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2897	Impacts of Warming on Reciprocal Subsidies Between Aquatic and Terrestrial Ecosystems. <i>Frontiers in Ecology and Evolution</i> , 2021, 9, .	1.1	1
2898	Simulation of potential suitable distribution of <i>Alnus cremastogyne</i> Burk. in China under climate change scenarios. <i>Ecological Indicators</i> , 2021, 133, 108396.	2.6	19
2899	Warming Threatens to Propel the Expansion of the Exotic Seagrass <i>Halophila stipulacea</i> . <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	13
2901	Indications for rapid evolution of trait means and thermal plasticity in range-expanding populations of a butterfly. <i>Journal of Evolutionary Biology</i> , 2022, 35, 124-133.	0.8	4
2903	Southern Hemisphere Coastal Ecosystems are Biologically Connected by Frequent, Long-Distance Rafting Events. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
2904	Invasive intraguild predators: Evidence of their effects, not assumptions. <i>Ecological Entomology</i> , 2022, 47, 249-252.	1.1	5
2905	Of mutualism and migration: will interactions with novel ericoid mycorrhizal communities help or hinder northward <i>Rhododendron</i> range shifts?. <i>Oecologia</i> , 2022, , 1.	0.9	5

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2908	Ecology and extent of freshwater browning - What we know and what should be studied next in the context of global change. <i>Science of the Total Environment</i> , 2022, 812, 152420.	3.9	31
2909	Predicting the in-between: Present and future habitat suitability of an intertidal euryhaline fish. <i>Ecological Informatics</i> , 2022, 68, 101523.	2.3	2
2910	Predicting current and future distributions of <i>Mentha pulegium</i> L. in Tunisia under climate change conditions, using the MaxEnt model. <i>Ecological Informatics</i> , 2022, 68, 101533.	2.3	27
2911	Local and landscape characteristics shape amphibian communities across production landscapes in the Western Ghats. <i>Ecological Solutions and Evidence</i> , 2021, 2, .	0.8	4
2913	Divergent occurrences of juvenile and adult trees are explained by both environmental change and ontogenetic effects. <i>Ecography</i> , 2022, 2022, .	2.1	7
2914	Climate warming may weaken stabilizing mechanisms in old forests. <i>Ecological Monographs</i> , 2022, 92, .	2.4	6
2915	The direct and habitat-mediated influence of climate on the biogeography of boreal caribou in Canada. <i>Climate Change Ecology</i> , 2022, 3, 100052.	0.9	5
2916	Maxent Modelling Predicts a Shift in Suitable Habitats of a Subtropical Evergreen Tree (<i>Cyclobalanopsis glauca</i> (Thunberg) Oersted) under Climate Change Scenarios in China. <i>Forests</i> , 2022, 13, 126.	0.9	18
2917	Environmental patterns of adaptation after range expansion in <i>Leontodon longirostris</i> : the effect of phenological events on fitness-related traits. <i>American Journal of Botany</i> , 2022, , .	0.8	4
2918	The Current and Future Potential Geographical Distribution and Evolution Process of <i>Catalpa bungei</i> in China. <i>Forests</i> , 2022, 13, 96.	0.9	8
2919	Cryoprotective Response as Part of the Adaptive Strategy of the Red Palm Weevil, <i>Rhynchophorus ferrugineus</i> , against Low Temperatures. <i>Insects</i> , 2022, 13, 134.	1.0	5
2920	Modeling the Potential Distribution of Two Species of Shrews (<i>Chodsigoa hypsibia</i> and <i>Anourosorex</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 0.7 3	0.7	3
2923	Identifying and prioritising climate change adaptation actions for greater one-horned rhinoceros (<i>Rhinoceros unicornis</i>) conservation in Nepal. <i>PeerJ</i> , 2022, 10, e12795.	0.9	0
2924	Montane Temperate-Boreal Forests Retain the Leaf Economic Spectrum Despite Intraspecific Variability. <i>Frontiers in Forests and Global Change</i> , 2022, 4, .	1.0	5
2925	Using camera traps to estimate density of snowshoe hare (<i>Lepus americanus</i>): a keystone boreal forest herbivore. <i>Journal of Mammalogy</i> , 2022, 103, 693-710.	0.6	2
2926	Complex demographic responses to contrasting climate drivers lead to divergent population trends across the range of a threatened alpine plant. <i>Global Ecology and Conservation</i> , 2022, 33, e01954.	1.0	3
2927	Marula (<i>Sclerocarya birrea</i> subsp. <i>caffra</i> , Anacardiaceae) thrives under climate change in sub-Saharan Africa. <i>African Journal of Ecology</i> , 2022, 60, 736-749.	0.4	3

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2929	The Native Bees of Lolland (Denmark) Revisited after 100 Years: The Demise of the Specialists. <i>Insects</i> , 2022, 13, 153.	1.0	1
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2932	Short-lived species move uphill faster under climate change. <i>Oecologia</i> , 2022, 198, 877-888.	0.9	18
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2934	Variable vulnerability to climate change in New Zealand lizards. <i>Journal of Biogeography</i> , 2022, 49, 431-442.	1.4	5
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2936	Assessment of Amphibians Vulnerability to Climate Change in China. <i>Frontiers in Ecology and Evolution</i> , 2022, 10, .	1.1	4
2937	Evolution of Transient Receptor Potential (TRP) Ion Channels in Antarctic Fishes (Cryonotothenioidea) and Identification of Putative Thermosensors. <i>Genome Biology and Evolution</i> , 2022, 14, .	1.1	8
2938	Climate change leads to range contraction for Japanese population of the Oriental Honey-Buzzards: Implications for future conservation strategies. <i>Global Ecology and Conservation</i> , 2022, 34, e02044.	1.0	1
2939	Where will species on the move go? Insights from climate connectivity modelling across European terrestrial habitats. <i>Journal for Nature Conservation</i> , 2022, 66, 126139.	0.8	6
2940	Scenario modelling of biomass usage in the Australian electricity grid. <i>Resources, Conservation and Recycling</i> , 2022, 180, 106198.	5.3	4
2941	Habitat expansion in response to sea-level rise by the fiddler crab <i>Minuca pugnax</i> (Smith, 1870) (Decapoda: Brachyura: Ocypodidae) in southern New England salt marshes. <i>Journal of Crustacean Biology</i> , 2022, 42, .	0.3	5
2942	Response of Iranian lizards to future climate change by poleward expansion, southern contraction, and elevation shifts. <i>Scientific Reports</i> , 2022, 12, 2348.	1.6	11
2945	Threatened skates exhibit abiotic niche stability despite climate change in the southwestern Atlantic Ocean. <i>Canadian Journal of Zoology</i> , 2022, 100, 273-279.	0.4	0
2946	Vegetation Ecology of Debris-Covered Glaciers (DCGs)â€”Site Conditions, Vegetation Patterns and Implications for DCGs Serving as Quaternary Cold- and Warm-Stage Plant Refugia. <i>Diversity</i> , 2022, 14, 114.	0.7	5
2947	Climate change threatens native potential agroforestry plant species in Brazil. <i>Scientific Reports</i> , 2022, 12, 2267.	1.6	18
2948	Temporal escape - adaptation to eutrophication by <i>Skeletonema marinoi</i> . <i>FEMS Microbiology Letters</i> , 2022, , .	0.7	1

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2950	Directional Selection on Tree Seedling Traits Driven by Experimental Drought Differs Between Mesic and Dry Populations. <i>Frontiers in Ecology and Evolution</i> , 2021, 9, .	1.1	4
2951	Predicted declines in suitable habitat for greater one-horned rhinoceros (<i>Rhinoceros</i>). <i>Overlock</i> , 2022, 10, 18288-18304.	0.8	18
2952	Climate Change and Its Impact on Forest of Indian Himalayan Region: A Review. <i>Springer Climate</i> , 2022, , 207-222.	0.3	7
2953	Sustaining ecosystem services. , 2022, , 753-797.		0
2954	Responses to abiotic conditions. , 2022, , 29-91.		0
2956	Climate Change is not the Biggest Threat to Freshwater Biodiversity. , 2022, , 623-632.		2
2957	Will Climate Change Affect Survival of Tropical and Subtropical Species? Predictions from Bulwer's Petrel Populations Across the Ne Atlantic Ocean. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
2958	Stem functional traits vary among co-occurring tree species and forest vulnerability to drought. <i>Australian Journal of Botany</i> , 2022, , .	0.3	0
2959	The influence of global climate change on accumulation and toxicity of persistent organic pollutants and chemicals of emerging concern in Arctic food webs. <i>Environmental Sciences: Processes and Impacts</i> , 2022, 24, 1544-1576.	1.7	33
2960	Decreasing potential suitable habitat of bumble bees in the Great Himalayan National Park Conservation area. <i>Oriental Insects</i> , 2023, 57, 36-53.	0.1	4
2961	The shadow model: how and why small choices in spatially explicit species distribution models affect predictions. <i>PeerJ</i> , 2022, 10, e12783.	0.9	10
2962	Environmental variation and biotic interactions limit adaptation at ecological margins: lessons from rainforest <i>Drosophila</i> and European butterflies. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2022, 377, 20210017.	1.8	6
2963	Range expansion decreases the reproductive fitness of <i>Gentiana officinalis</i> (Gentianaceae). <i>Scientific Reports</i> , 2022, 12, 2461.	1.6	7
2964	Conservation biogeography of high-altitude longhorn beetles under climate change. <i>Insect Conservation and Diversity</i> , 2022, 15, 429-444.	1.4	5
2965	Global impacts of climate change on avian functional diversity. <i>Ecology Letters</i> , 2022, 25, 673-685.	3.0	26
2966	Hammerhead worms everywhere? Modelling the invasion of bipaliin flatworms in a changing climate. <i>Diversity and Distributions</i> , 2022, 28, 844-858.	1.9	7
2967	Longer daylengths associated with poleward range shifts accelerate aphid extinction by parasitoid wasps. <i>Ecological Entomology</i> , 0, , .	1.1	4

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2969	MaxEnt Modeling to Predict the Current and Future Distribution of <i>Pomatosace filicula</i> under Climate Change Scenarios on the Qinghai-Tibet Plateau. <i>Plants</i> , 2022, 11, 670.	1.6	15
2970	A review on trade-offs at the warm and cold ends of geographical distributions. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2022, 377, 20210022.	1.8	29
2972	Combining the Effects of Global Warming, Land Use Change and Dispersal Limitations to Predict the Future Distributions of East Asian <i>Cerris</i> Oaks (<i>Quercus</i> Section <i>Cerris</i> , Fagaceae) in China. <i>Forests</i> , 2022, 13, 367.	0.9	2
2973	Shifts in climatic realised niches of Iberian species. <i>Oikos</i> , 2022, 2022, .	1.2	7
2974	Factors influencing range contraction of a rodent herbivore in a steppe grassland over the past decades. <i>Ecology and Evolution</i> , 2022, 12, e8546.	0.8	10
2975	Snow depth drives habitat selection by overwintering birds in built-up areas, farmlands and forests. <i>Journal of Biogeography</i> , 2022, 49, 630-639.	1.4	6
2976	Taming the temperature: Sagebrush songbirds modulate microclimate via nest-site selection. <i>Auk</i> , 2022, 139, .	0.7	3
2977	Intraspecific trait variation in alpine plants relates to their elevational distribution. <i>Journal of Ecology</i> , 2022, 110, 860-875.	1.9	21
2978	The role of climate in past forest loss in an ecologically important region of South Asia. <i>Global Change Biology</i> , 2022, 28, 3883-3901.	4.2	10
2979	Ecotypic differentiation in populations of Brazilian coast: recognizing adaptation to temperature in <i>Gracilariopsis tenuifrons</i> (Gracilariales, Rhodophyta). <i>Journal of Applied Phycology</i> , 2022, 34, 2793-2805.	1.5	3
2980	Dynamic species interactions associated with the range-shifting marine gastropod <i>Mexacanthina lugubris</i> . <i>Oecologia</i> , 2022, 198, 749-761.	0.9	4
2981	Differential Adaptive Potential and Vulnerability to Climate-Driven Habitat Loss in Brazilian Mangroves. <i>Frontiers in Conservation Science</i> , 2022, 3, .	0.9	0
2982	Linking ecological niche models and common garden experiments to predict phenotypic differentiation in stressful environments: Assessing the adaptive value of marginal populations in an alpine plant. <i>Global Change Biology</i> , 2022, 28, 4143-4162.	4.2	9
2983	“Fly to a Safer North”: Distributional Shifts of the Orchid <i>Ophrys insectifera</i> L. Due to Climate Change. <i>Biology</i> , 2022, 11, 497.	1.3	3
2984	Independent variation of avian sensitivity to climate change and trait-based adaptive capacity along a tropical elevational gradient. <i>Diversity and Distributions</i> , 0, .	1.9	1
2985	Changes in precipitation patterns can destabilize plant species coexistence via changes in plant-soil feedback. <i>Nature Ecology and Evolution</i> , 2022, 6, 546-554.	3.4	8
2986	Glacial Expansion or Interglacial Expansion? Contrasting Demographic Models of Four Cold-Adapted Fir Species in North America and East Asia. <i>Frontiers in Ecology and Evolution</i> , 2022, 10, .	1.1	1

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2990	Evaluating compositional changes in the avian communities of eastern North America using temperature and precipitation indices. <i>Journal of Biogeography</i> , 2022, 49, 739-752.	1.4	3
2991	A framework for climate change adaptation indicators for the natural environment. <i>Ecological Indicators</i> , 2022, 136, 108690.	2.6	18
2992	Understanding the Limiting Climatic Factors on the Suitable Habitat of Chinese Alfalfa. <i>Forests</i> , 2022, 13, 482.	0.9	5
2993	Searching for genetic evidence of demographic decline in an arctic seabird: beware of overlapping generations. <i>Heredity</i> , 2022, 128, 364-376.	1.2	2
2994	The response of ants to climate change. <i>Global Change Biology</i> , 2022, 28, 3188-3205.	4.2	39
2995	Climate change effects on the global distribution and range shifts of citrus longhorned beetle <i>Anoplophora chinensis</i> . <i>Journal of Applied Entomology</i> , 2022, 146, 473-485.	0.8	3
2996	Coastal carbon processing rates increase with mangrove cover following a hurricane in Texas, USA. <i>Ecosphere</i> , 2022, 13, .	1.0	1
2997	Bibliometric Analysis of the Structure and Evolution of Research on Assisted Migration. <i>Current Forestry Reports</i> , 2022, 8, 199-213.	3.4	12
2998	Altitude and temperature drive anuran community assembly in a Neotropical mountain region. <i>Biotropica</i> , 2022, 54, 607-618.	0.8	3
2999	Climate and Species Traits Drive Changes in Holocene Forest Composition Along an Elevation Gradient in Pacific Canada. <i>Frontiers in Ecology and Evolution</i> , 2022, 10, .	1.1	3
3000	Predicting the potential suitable habitats of forest spices <i>Piper capense</i> and <i>Aframomum corrorima</i> under climate change in Ethiopia. <i>Journal of Tropical Ecology</i> , 2022, 38, 219-232.	0.5	3
3001	Understanding transboundary stocks availability by combining multiple fisheries-independent surveys and oceanographic conditions in spatiotemporal models. <i>ICES Journal of Marine Science</i> , 2022, 79, 1063-1074.	1.2	17
3002	Landscape Genomics Provides Evidence of Ecotypic Adaptation and a Barrier to Gene Flow at Treeline for the Arctic Foundation Species <i>Eriophorum vaginatum</i> . <i>Frontiers in Plant Science</i> , 2022, 13, 860439.	1.7	0
3003	Rapid radiation of Southern Ocean shags in response to receding sea ice. <i>Journal of Biogeography</i> , 2022, 49, 942-953.	1.4	3
3004	Molecular Phylogenetics and Comparative Examination of Voucher Museums Reveal Two New Species of Gymnophthalmid Lizards (Squamata, Gymnophthalmidae) from the Peruvian Andes, with Comments on <i>Proctoporus guentheri</i> (Boettger, 1891). <i>Diversity</i> , 2022, 14, 215.	0.7	3
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3007	Dispersal abilities favor commensalism in animal-plant interactions under climate change. <i>Science of the Total Environment</i> , 2022, 835, 155157.	3.9	12
3008	A river-based approach in reconstructing connectivity among protected areas: Insights and challenges from the Balkan region. <i>Journal for Nature Conservation</i> , 2022, 67, 126182.	0.8	2
3010	Potential geographic distribution of relict plant <i>Pteroceltis tatarinowii</i> in China under climate change scenarios. <i>PLoS ONE</i> , 2022, 17, e0266133.	1.1	6
3011	Anthropocene refugia in Patagonia: A macrogenetic approach to safeguarding the biodiversity of flowering plants. <i>Biological Conservation</i> , 2022, 268, 109492.	1.9	8
3012	Predicted alteration of vertebrate communities in response to climate-induced elevational shifts. <i>Diversity and Distributions</i> , 2022, 28, 1180-1190.	1.9	6
3013	Sympatry leads to reduced body condition in chickadees that occasionally hybridize. <i>Ecology and Evolution</i> , 2022, 12, e8756.	0.8	4
3014	Adaptation to climate change through seasonal migration revealed by climatic versus demographic niche models. <i>Global Change Biology</i> , 2022, 28, 4260-4275.	4.2	2
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3016	Sexual reproduction is light-limited as marsh grasses colonize maritime forest. <i>American Journal of Botany</i> , 2022, , .	0.8	0
3017	Using community science data to help identify threatened species occurrences outside of known ranges. <i>Biological Conservation</i> , 2022, 268, 109523.	1.9	9
3018	A critical review of successional dynamics in boreal forests of North America. <i>Environmental Reviews</i> , 2022, 30, 563-594.	2.1	6
3019	Tropical ant community responses to experimental soil warming. <i>Biology Letters</i> , 2022, 18, 20210518.	1.0	4
3020	Elevational and local climate variability predicts thermal breadth of mountain tropical tadpoles. <i>Ecography</i> , 2022, 2022, .	2.1	13
3021	Prediction of three-dimensional shift in the distribution of largemouth bass (<i>Micropterus salmoides</i>) under climate change in South Korea. <i>Ecological Indicators</i> , 2022, 137, 108731.	2.6	10
3022	Alpine Treeline Dynamics and the Special Exposure Effect in the Hengduan Mountains. <i>Frontiers in Plant Science</i> , 2022, 13, 861231.	1.7	3
3024	Predictions of sardine and the Portuguese continental shelf ecosystem dynamics under future fishing, forced-biomass and SST scenarios. <i>Marine Pollution Bulletin</i> , 2022, 178, 113594.	2.3	6
3025	Mechanisms of forest resilience. <i>Forest Ecology and Management</i> , 2022, 512, 120129.	1.4	70

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3027	Conservation interventions can benefit species impacted by climate change. <i>Biological Conservation</i> , 2022, 269, 109524.	1.9	9
3028	On the road: Anthropogenic factors drive the invasion risk of a wild solitary bee species. <i>Science of the Total Environment</i> , 2022, 827, 154246.	3.9	17
3029	Elevation gradient distribution of indices of tree population in a montane forest: The role of leaf traits and the environment. <i>Forest Ecosystems</i> , 2022, 9, 100012.	1.3	6
3030	Modeling of cold-temperate tree <i>Pinus koraiensis</i> (Pinaceae) distribution in the Asia-Pacific region: Climate change impact. <i>Forest Ecosystems</i> , 2022, 9, 100015.	1.3	6
3031	No treeline shift despite climate change over the last 70 years. <i>Forest Ecosystems</i> , 2022, 9, 100002.	1.3	18
3032	Population connectivity in voles (<i>Microtus</i> sp.) as a gauge for tall grass prairie restoration in midwestern North America. <i>PLoS ONE</i> , 2021, 16, e0260344.	1.1	1
3034	Long-term gut microbiome dynamics in <i>Drosophila melanogaster</i> reveal environment-specific associations between bacterial taxa at the family level. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20212193.	1.2	4
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3036	Phenology dictates the impact of climate change on geographic distributions of six co-occurring North American grasshoppers. <i>Ecology and Evolution</i> , 2021, 11, 18575-18590.	0.8	2
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3251	Ä°Äne yapraklı orman aÄlarında tohum ve kozalak zararlılar. <i>Anadolu Orman Arařtırmalar Dergisi</i> , 2022, 0, 8, 127-141.	0.2	0
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3254	Bioclimatic controls of CO ₂ assimilation near range limits of the CAM succulent tree <i>Alويدendron dichotomum</i> . <i>Journal of Experimental Botany</i> , 2022, 73, 7434-7449.	2.4	2
3255	Percid Fish Sander <i>lucio</i> Displays Broad Hematological Adaptability: Sex-Related Response to Different Seasons and Habitats. <i>Proceedings of the Zoological Society</i> , 0, .	0.4	0
3256	Tactics of evasion: strategies used by signallers to deter eavesdropping enemies from exploiting communication systems. <i>Biological Reviews</i> , 2023, 98, 222-242.	4.7	10
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3258	Differential response to climate change and human activities in three lineages of Sichuan snub-nosed monkeys (<i>Rhinopithecus roxellana</i>). <i>Diversity and Distributions</i> , 2022, 28, 2416-2428.	1.9	4
3259	The fall of the summer truffle: Recurring hot, dry summers result in declining fruitbody production of <i>Tuber aestivum</i> in Central Europe. <i>Global Change Biology</i> , 2022, 28, 7376-7390.	4.2	5
3260	Local chronicles reveal the effect of anthropogenic and climatic impacts on local extinctions of Chinese pangolins (<i>Manis pentadactyla</i>) in mainland China. <i>Ecology and Evolution</i> , 2022, 12, .	0.8	1
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3262	Global warming pushes the distribution range of the two alpine "glasshouse" Rheum species north- and upwards in the Eastern Himalayas and the Hengduan Mountains. <i>Frontiers in Plant Science</i> , 0, 13, .	1.7	3
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3264	Does stress alleviation always intensify plant-plant competition? A case study from alpine meadows with simulation of both climate warming and nitrogen deposition. <i>Ecological Indicators</i> , 2022, 144, 109510.	2.6	0
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3270	Study of winter avifauna diversity from a man-made reservoir in the West Bengal, India. <i>Journal of Animal Diversity</i> , 2022, 4, 58-73.	0.2	0
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3273	Modeling past and future spatiotemporal distributions of airborne allergenic pollen across the contiguous United States. <i>Frontiers in Allergy</i> , 0, 3, .	1.2	1
3274	Two Centuries of Change in the Native Flora of Franklin County, Massachusetts, U.S.A.. <i>Rhodora</i> , 2022, 123, .	0.0	2
3275	Mammal use of riparian corridors in semi-arid Sonora, Mexico. <i>Journal of Wildlife Management</i> , 0, , .	0.7	2
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3279	Disturbances in North American boreal forest and Arctic tundra: impacts, interactions, and responses. <i>Environmental Research Letters</i> , 2022, 17, 113001.	2.2	12
3280	Benthic ecosystem functioning under climate change: modelling the bioturbation potential for benthic key species in the southern North Sea. <i>PeerJ</i> , 0, 10, e14105.	0.9	3
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3284	Trends in habitat suitability and conservation status of aquatic spiders in Europe. <i>Biological Conservation</i> , 2022, 275, 109767.	1.9	1
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3287	Are Rare Northern Plant Species Retreating from the Southern Edge of Their Ranges in Southern New England?. <i>Northeastern Naturalist</i> , 2022, 29, .	0.1	1
3288	A regionally coherent ecological fingerprint of climate change, evidenced from natural history collections. <i>Ecology and Evolution</i> , 2022, 12, .	0.8	4
3289	Genetic variation of <i>Cerastium alpinum</i> L. from Babia GÃ³ra, a critically endangered species in Poland. <i>Journal of Applied Genetics</i> , 0, , .	1.0	2
3290	Protected area network insufficiently represents climatic niches of endemic plants in a Global Biodiversity Hotspot. <i>Biological Conservation</i> , 2022, 275, 109768.	1.9	4
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3296	Contrasting shortâ€”and longâ€”term outcomes of pairwise interactions between caddisflies at a hydrologically heterogeneous range margin. <i>Freshwater Biology</i> , 0, , .	1.2	0
3297	Extinction risk of Chinese angiosperms varies between woody and herbaceous species. <i>Diversity and Distributions</i> , 2023, 29, 232-243.	1.9	3
3298	The COVID-19 Restrictions and Biological Invasion: A Global Terrestrial Ecosystem Perspective on Propagule Pressure and Invasion Trajectory. <i>Sustainability</i> , 2022, 14, 14783.	1.6	0
3299	Stacked distribution models predict climate-driven loss of variation in leaf phenology at continental scales. <i>Communications Biology</i> , 2022, 5, .	2.0	3
3300	Large variability in response to future climate and landâ€”use changes among Chinese Theaceae species. <i>Ecology and Evolution</i> , 2022, 12, .	0.8	6
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3302	Prediction of wild pistachio ecological niche using machine learning models. <i>Ecological Informatics</i> , 2022, 72, 101907.	2.3	6
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3308	Quantifying thermal cues that initiate mass emigrations in juvenile white sharks. <i>Scientific Reports</i> , 2022, 12, .	1.6	3
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3310	Climate driven shifts in the synchrony of apple (<i>Malus x domestica</i> Borkh.) flowering and pollinating bee flight phenology. <i>Agricultural and Forest Meteorology</i> , 2023, 329, 109281.	1.9	7
3311	Submarine Cables as Precursors of Persistent Systems for Large Scale Oceans Monitoring and Autonomous Underwater Vehicles Operation. , 2022, , .		2
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3313	Extensive range contraction predicted under climate warming for two endangered mountaintop frogs from the rainforests of subtropical Australia. <i>Scientific Reports</i> , 2022, 12, .	1.6	3
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3316	Global patterns and drivers of raptor phylogenetic and functional diversity. <i>Global Ecology and Biogeography</i> , 2023, 32, 281-294.	2.7	2
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3319	Habitat suitability, range dynamics, and threat assessment of <i>Swertia petiolata</i> D. Don: a Himalayan endemic medicinally important plant under climate change. <i>Environmental Monitoring and Assessment</i> , 2023, 195, .	1.3	4
3320	Climate and Land-Cover Change Impacts and Extinction Risk Assessment of Rare and Threatened Endemic Taxa of Chelmos-Vouraikos National Park (Peloponnese, Greece). <i>Plants</i> , 2022, 11, 3548.	1.6	2
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3323	Effects of diversity on thermal niche variation in bird communities under climate change. <i>Scientific Reports</i> , 2022, 12, .	1.6	0
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3330	Climate Change and Wetlands in the Southern Great Plains: How Are Managers Dealing with an Uncertain Future?. <i>Environmental Management</i> , 2023, 71, 379-392.	1.2	2
3331	Prediction of Climate Change Effects on Siberian Crane (<i>Grus leucogeranus</i>) Habitat Suitability by Using Ensemble Modeling in Asia Wetlands. <i>Wetlands</i> , 2023, 43, .	0.7	1
3332	The roles of speciesâ€™ relatedness and climate of origin in determining optical leaf traits over a large set of taxa growing at high elevation and high latitude. <i>Frontiers in Plant Science</i> , 0, 13, .	1.7	3
3333	Change in climatically suitable breeding distributions reduces hybridization potential between <i>Vermivora</i> warblers. <i>Diversity and Distributions</i> , 0, , .	1.9	0
3334	Changes in the Ground Beetle and Darkling Beetle Communities (Coleoptera: Carabidae, Tenebrionidae) in the Mountain Hollows of the Tuva and Altai Republics over 60 Years: A Trend or a Fluctuation?. <i>Contemporary Problems of Ecology</i> , 2022, 15, 579-596.	0.3	2
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3337	Potential distribution of threatened maples in China under climate change: Implications for conservation. <i>Global Ecology and Conservation</i> , 2022, 40, e02337.	1.0	2
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3341	Hedging at the rear edge: Intraspecific trait variability drives the trajectory of marginal populations in a widespread boreal tree species. <i>Journal of Ecology</i> , 2023, 111, 479-494.	1.9	3
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3343	Land suitability modelling for rainbow trout farming in the Eastern Himalayan Region, India, using GISâ€MCE approach. <i>Modeling Earth Systems and Environment</i> , 0, , .	1.9	0
3345	Stress-associated metabolites vary with both season and habitat across populations of a climate sentinel species. <i>Arctic, Antarctic, and Alpine Research</i> , 2022, 54, 603-623.	0.4	1
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3350	Species richness, endemism, and conservation of wild <i>Rhododendron</i> in China. <i>Global Ecology and Conservation</i> , 2023, 41, e02375.	1.0	1
3352	Increasing precipitation weakened the negative effects of simulated warming on soil microbial community composition in a semi-arid sandy grassland. <i>Frontiers in Microbiology</i> , 0, 13, .	1.5	1
3353	Genomic vulnerability to climate change in <i>Quercus acutissima</i> , a dominant tree species in East Asian deciduous forests. <i>Molecular Ecology</i> , 2023, 32, 1639-1655.	2.0	4
3354	Primates facing climate crisis in a tropical forest hotspot will lose climatic suitable geographical range. <i>Scientific Reports</i> , 2023, 13, .	1.6	6
3355	Future temperature extremes threaten land vertebrates. <i>Nature</i> , 2023, 615, 461-467.	18.7	24
3356	Molecular mechanisms of flowering phenology in trees. <i>Forestry Research</i> , 2023, 3, 0-0.	0.5	2
3357	Associations of 16-Year Population Dynamics in Range-Expanding Moths with Temperature and Years since Establishment. <i>Insects</i> , 2023, 14, 55.	1.0	3
3359	Dominant temperate and subalpine Japanese trees have variable photosynthetic thermal optima according to site mean annual temperature. <i>Global Ecology and Biogeography</i> , 2023, 32, 397-407.	2.7	2
3360	Thermal unmanned aerial vehicles for the identification of microclimatic refugia in topographically complex areas. <i>Remote Sensing of Environment</i> , 2023, 286, 113427.	4.6	2
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3363	The rate of environmental change as an important driver across scales in ecology. <i>Oikos</i> , 2023, 2023, .	1.2	3
3364	Assessing the Potential Distribution of a Vulnerable Tree under Climate Change: <i>Perkinsiodendron macgregorii</i> (Chun) P.W.Fritsch (Styracaceae). <i>Sustainability</i> , 2023, 15, 666.	1.6	1
3365	Climate Change and Animal Movement Integration in the Environmental Niche Model. <i>Health Sciences Quarterly</i> , 2023, 3, 37-41.	0.0	0
3366	Selection of territorial habitat in a declining population of Lapland Longspurs (<i>Calcarius lapponicus</i>). <i>Ornis Norvegica</i> , 0, 46, 1-11.	0.5	0
3368	Bioclimatic drivers of forage growth and cover in alpine rangelands. <i>Frontiers in Ecology and Evolution</i> , 0, 10, .	1.1	1
3369	Staying in situ or shifting range under ongoing climate change: A case of an endemic herb in the Himalaya-Hengduan Mountains across elevational gradients. <i>Diversity and Distributions</i> , 2023, 29, 524-542.	1.9	3
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3371	The benefits of being smaller: Consistent pattern for climate-induced range shift and morphological difference of three falconiforme species. <i>Avian Research</i> , 2023, 14, 100079.	0.5	2
3372	Projected Effects of Climate Change on Species Range of <i>Pantala flavescens</i> , a Wandering Glider Dragonfly. <i>Biology</i> , 2023, 12, 226.	1.3	3
3373	Differential climatic conditions drive <i>Acacia tortilis</i> tree growth in its opposite range edges in Africa and Asia. <i>American Journal of Botany</i> , 0, , .	0.8	1
3374	The climatic drivers of long-term population changes in rainforest montane birds. <i>Global Change Biology</i> , 2023, 29, 2132-2140.	4.2	8
3375	Predicting the current and future suitable-habitat distribution of tropical adult and juvenile targeted fishes in multi-sector fisheries of central Queensland, Australia. <i>Marine and Freshwater Research</i> , 2023, , .	0.7	0
3376	Northward range expansion of <i>Leptogorgia dakarensis</i> and <i>Eunicella racemosa</i> (Cnidaria: Scleractinia) in the United Kingdom, 2023, 103, .	0.4	0
3377	Spring phenology is advancing at a faster rate than arrival times of Common Starling. <i>Journal of Ornithology</i> , 0, , .	0.5	1
3378	Predicted changes in the distribution of Ostracoda (Crustacea) from river basins in the southern cone of South America, under two climate change scenarios. <i>Hydrobiologia</i> , 2023, 850, 1443-1460.	1.0	2
3379	Undetected but Widespread: the Cryptic Invasion of Non-Native Cattail (<i>Typha</i>) in a Pacific Northwest Estuary. <i>Estuaries and Coasts</i> , 2023, 46, 802-817.	1.0	3
3380	Climate Change and Transmissible Diseases. <i>Climate Change Management</i> , 2023, , 99-113.	0.6	0

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3385	Environmental drivers of earthworm communities along an elevational gradient in the French Alps. <i>European Journal of Soil Biology</i> , 2023, 116, 103477.	1.4	2
3386	Conservation challenges to the useful neotropical palm <i>Baba</i> (<i>Attalea pindobassu</i> Bondar) in the face of climate change. <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 2023, 302, 152262.	0.6	0
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3388	CubeSats show persistence of bull kelp refugia amidst a regional collapse in California. <i>Remote Sensing of Environment</i> , 2023, 290, 113521.	4.6	3
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3390	Detecting low fragmented sites surrounding European protected areas – Implications for expansion of the Natura 2000 network. <i>Journal for Nature Conservation</i> , 2023, 73, 126398.	0.8	2
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3396	Untapping the potential of bioenergy for achieving sustainable energy future in Pakistan. <i>Energy</i> , 2023, 275, 127472.	4.5	9
3397	Pollination and Dispersal in Fragmented Landscape. , 2022, , 93-100.		0
3398	Evaporative cooling via panting and its metabolic and water balance costs for lizards in the American Southwest. <i>Journal of Experimental Biology</i> , 2023, 226, .	0.8	3
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