

The velocity of climate change

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Boreal Forest Bird Assemblages and Their Conservation. , 0, , 183-230.		3
2	The net climate impact of coal-fired power plant emissions. Atmospheric Chemistry and Physics, 2010, 10, 3247-3260.	1.9	62
3	The Global Climate and Energy Project at Stanford University: Fundamental Research Towards Future Energy Technologies. Journal of Groundwater Hydrology, 2010, 52, 235-246.	0.1	0
4	Interdisciplinary approaches: towards new statistical methods for phenological studies. Climatic Change, 2010, 100, 143-171.	1.7	35
5	Climate Change Impacts in Alpine Environments. Geography Compass, 2010, 4, 1133-1153.	1.5	119
7	Buying time for wild animals with zoos. Zoo Biology, 2011, 30, 1-8.	0.5	118
8	Drought impacts on the Amazon forest: the remote sensing perspective. New Phytologist, 2010, 187, 569-578.	3.5	205
9	Ecological Connectivity for a Changing Climate. Conservation Biology, 2010, 24, 1686-1689.	2.4	172
10	The geography of climate change: implications for conservation biogeography. Diversity and Distributions, 2010, 16, 476-487.	1.9	490
11	Additive diversity partitioning as a guide to regional montane reserve design in Asia: an example from Yunnan Province, China. Diversity and Distributions, 2010, 16, 1022-1033.	1.9	26
12	Gene movement and genetic association with regional climate gradients in California valley oak (<i>Quercus lobata</i>) in the face of climate change. Molecular Ecology, 2010, 19, 3806-3823.	2.0	208
13	Demographic compensation and tipping points in climate-induced range shifts. Nature, 2010, 467, 959-962.	13.7	381
14	Global change and the evolution of phenotypic plasticity in plants. Annals of the New York Academy of Sciences, 2010, 1206, 35-55.	1.8	341
15	Niche conservatism as an emerging principle in ecology and conservation biology. Ecology Letters, 2010, 13, 1310-1324.	3.0	1,387
16	Climatic Variability Leads to Later Seasonal Flowering of Floridian Plants. PLoS ONE, 2010, 5, e11500.	1.1	36
17	A Climatic Stability Approach to Prioritizing Global Conservation Investments. PLoS ONE, 2010, 5, e15103.	1.1	52
18	Tolerance adaptation and precipitation changes complicate latitudinal patterns of climate change impacts. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 12581-12586.	3.3	104
19	The CC-Bio Project: Studying the Effects of Climate Change on Quebec Biodiversity. Diversity, 2010, 2, 1181-1204.	0.7	37

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20	<i>Polystichum munitum</i> (Dryopteridaceae) varies geographically in its capacity to absorb fog water by foliar uptake within the redwood forest ecosystem. <i>American Journal of Botany</i> , 2010, 97, 1121-1128.	0.8	65
21	Climate change effects on an endemic rich edaphic flora: resurveying Robert H. Whittaker's Siskiyou sites (Oregon, USA). <i>Ecology</i> , 2010, 91, 3609-3619.	1.5	113
22	Planning for Biodiversity in Future Climates—Response. <i>Science</i> , 2010, 327, 1453-1453.	6.0	2
23	Of forests and time in the culture of possession. <i>International Forestry Review</i> , 2010, 12, 407-417.	0.3	0
24	Very Large Protected Areas and Their Contribution to Terrestrial Biological Conservation. <i>BioScience</i> , 2010, 60, 808-818.	2.2	73
25	Combined effects of climate and land-use change on the future of humid tropical forests. <i>Conservation Letters</i> , 2010, 3, 395-403.	2.8	75
26	Surface temperature lapse rates over complex terrain: Lessons from the Cascade Mountains. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	329
27	Scenarios for Global Biodiversity in the 21st Century. <i>Science</i> , 2010, 330, 1496-1501.	6.0	1,570
28	Pre-impact forest composition and ongoing tree mortality associated with sudden oak death in the Big Sur region; California. <i>Forest Ecology and Management</i> , 2010, 259, 2342-2354.	1.4	46
29	<i>Cedrus libani</i> (A. Rich) distribution in Lebanon: Past, present and future. <i>Comptes Rendus - Biologies</i> , 2010, 333, 622-630.	0.1	41
30	Habitat loss, climate change, and emerging conservation challenges in Canada ¹ This review is part of the virtual symposium "Flagship Species" "Flagship Problems" that deals with ecology, biodiversity and management issues, and climate impacts on species at risk and of Canadian importance, including the polar bear (<i>Ursus maritimus</i>), Atlantic cod (<i>Gadus morhua</i>), Piping Plover (<i>Charadrius melodus</i>), and caribou (<i>Rangifer tarandus</i>),. <i>Canadian Journal of Zoology</i> , 2011, 89, 435-451.	0.4	34
31	Climate change predicted to shift wolverine distributions, connectivity, and dispersal corridors. , 2011, 21, 2882-2897.		92
32	Global Biodiversity Conservation: The Critical Role of Hotspots. , 2011, , 3-22.		821
33	Effects of a simulated heat wave on photophysiology and gene expression of high- and low-latitude populations of <i>Zostera marina</i> . <i>Marine Ecology - Progress Series</i> , 2011, 435, 83-95.	0.9	120
34	Changes in plant community composition lag behind climate warming in lowland forests. <i>Nature</i> , 2011, 479, 517-520.	13.7	645
35	The Influence of Late Quaternary Climate-Change Velocity on Species Endemism. <i>Science</i> , 2011, 334, 660-664.	6.0	665
36	Global Change Effects on Alpine Plant Diversity. , 2011, , 149-163.		4
37	Running Out of Climate Space. <i>Science</i> , 2011, 334, 613-614.	6.0	28

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38	Long-Term Ecological Records and Their Relevance to Climate Change Predictions for a Warmer World. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2011, 42, 267-287.	3.8	113
39	Beyond Reserves and Corridors: Policy Solutions to Facilitate the Movement of Plants and Animals in a Changing Climate. <i>BioScience</i> , 2011, 61, 713-719.	2.2	35
40	The 10 Australian ecosystems most vulnerable to tipping points. <i>Biological Conservation</i> , 2011, 144, 1472-1480.	1.9	158
41	Protected areas in climate space: What will the future bring?. <i>Biological Conservation</i> , 2011, 144, 2119-2125.	1.9	66
42	Conservation policies and planning under climate change. <i>Biological Conservation</i> , 2011, 144, 2968-2977.	1.9	28
43	Sedentary nestlings of Wood Stork as monitors of mercury contamination in the gold mining region of the Brazilian Pantanal. <i>Environmental Research</i> , 2011, 111, 1091-1095.	3.7	13
44	Adaptive Potential of Northernmost Tree Populations to Climate Change, with Emphasis on Scots Pine (<i>Pinus sylvestris</i> L.). <i>Journal of Heredity</i> , 2011, 102, 526-536.	1.0	53
45	Rapid Range Shifts of Species Associated with High Levels of Climate Warming. <i>Science</i> , 2011, 333, 1024-1026.	6.0	3,858
46	Fine-scale environmental variation in species distribution modelling: regression dilution, latent variables and neighbourly advice. <i>Methods in Ecology and Evolution</i> , 2011, 2, 248-257.	2.2	58
47	Specialization in Plant-Hummingbird Networks Is Associated with Species Richness, Contemporary Precipitation and Quaternary Climate-Change Velocity. <i>PLoS ONE</i> , 2011, 6, e25891.	1.1	142
48	The Pace of Shifting Climate in Marine and Terrestrial Ecosystems. <i>Science</i> , 2011, 334, 652-655.	6.0	1,062
52	Modelos de distribución de especies: Una revisión sintética. <i>Revista Chilena De Historia Natural</i> , 2011, 84, 217-240.	0.5	104
53	Robust detection of plant species distribution shifts under biased sampling regimes. <i>Ecosphere</i> , 2011, 2, art115.	1.0	10
54	Spread of North American wind-dispersed trees in future environments. <i>Ecology Letters</i> , 2011, 14, 211-219.	3.0	160
55	Climate change threatens European conservation areas. <i>Ecology Letters</i> , 2011, 14, 484-492.	3.0	660
56	Do species' traits predict recent shifts at expanding range edges?. <i>Ecology Letters</i> , 2011, 14, 677-689.	3.0	452
57	Relationships among net primary productivity, nutrients and climate in tropical rain forest: a pan-tropical analysis. <i>Ecology Letters</i> , 2011, 14, 939-947.	3.0	379
58	Two <i>Trebouxia</i> algae with different physiological performances are ever-present in lichen thalli of <i>Ramalina farinacea</i> . <i>Coexistence versus Competition?</i> . <i>Environmental Microbiology</i> , 2011, 13, 806-818.	1.8	151

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59	Did soil development limit spruce (<i>Picea abies</i>) expansion in the Central Alps during the Holocene? Testing a palaeobotanical hypothesis with a dynamic landscape model. <i>Journal of Biogeography</i> , 2011, 38, 933-949.	1.4	81
60	Geographic distribution of plant pathogens in response to climate change. <i>Plant Pathology</i> , 2011, 60, 31-43.	1.2	122
61	Behavioral thermoregulation in a tropical gastropod: links to climate change scenarios. <i>Global Change Biology</i> , 2011, 17, 1740-1749.	4.2	93
62	21st century climate change threatens mountain flora unequally across Europe. <i>Global Change Biology</i> , 2011, 17, 2330-2341.	4.2	478
63	Revisiting projected shifts in the climate envelopes of North American trees using updated general circulation models. <i>Global Change Biology</i> , 2011, 17, 2720-2730.	4.2	110
64	Extrinsic and intrinsic forcing of abrupt ecological change: case studies from the late Quaternary. <i>Journal of Ecology</i> , 2011, 99, 664-677.	1.9	117
65	Global diversity in light of climate change: the case of ants. <i>Diversity and Distributions</i> , 2011, 17, 652-662.	1.9	87
66	The tropical frontier in avian climate impact research. <i>Ibis</i> , 2011, 153, 877-882.	1.0	37
67	Challenges and Opportunities in Implementing Managed Relocation for Conservation of Freshwater Species. <i>Conservation Biology</i> , 2011, 25, 40-47.	2.4	125
68	Spatial Predictions of Phylogenetic Diversity in Conservation Decision Making. <i>Conservation Biology</i> , 2011, 25, 1229-1239.	2.4	39
69	Editorial: Research in Zoos. <i>International Zoo Yearbook</i> , 2011, 45, 1-6.	1.0	5
70	Patterns and Determinants of Floristic Variation across Lowland Forests of Bolivia. <i>Biotropica</i> , 2011, 43, 405-413.	0.8	41
71	Eco-evolutionary effects on population recovery following catastrophic disturbance. <i>Evolutionary Applications</i> , 2011, 4, 354-366.	1.5	31
72	Extinction of water plants in the Hula Valley: Evidence for climate change. <i>Journal of Human Evolution</i> , 2011, 60, 320-327.	1.3	28
73	Recent evidence for the climate change threat to Lepidoptera and other insects. <i>Journal of Insect Conservation</i> , 2011, 15, 259-268.	0.8	77
74	Synchronisation of egg hatching of brown hairstreak (<i>Thecla betulae</i>) and budburst of blackthorn (<i>Prunus spinosa</i>) in a warmer future. <i>Journal of Insect Conservation</i> , 2011, 15, 311-319.	0.8	13
75	Sensitivity of potential natural vegetation in China to projected changes in temperature, precipitation and atmospheric CO ₂ . <i>Regional Environmental Change</i> , 2011, 11, 715-727.	1.4	37
76	Bird migration on Helgoland: the yield from 100 years of research. <i>Journal of Ornithology</i> , 2011, 152, 25-40.	0.5	31

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77	Approaches to Evaluating Climate Change Impacts on Species: A Guide to Initiating the Adaptation Planning Process. <i>Environmental Management</i> , 2011, 47, 322-337.	1.2	102
78	Adapting to crop pest and pathogen risks under a changing climate. <i>Wiley Interdisciplinary Reviews: Climate Change</i> , 2011, 2, 220-237.	3.6	81
79	Pleistocene Climate, Phylogeny, and Climate Envelope Models: An Integrative Approach to Better Understand Species' Response to Climate Change. <i>PLoS ONE</i> , 2011, 6, e28554.	1.1	84
80	Rapid evolution of cold tolerance in stickleback. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2011, 278, 233-238.	1.2	129
81	Waders in winter: long-term changes of migratory bird assemblages facing climate change. <i>Biology Letters</i> , 2011, 7, 714-717.	1.0	45
82	Impacts of climate change on the world's most exceptional ecoregions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 2306-2311.	3.3	312
83	History matters: ecometrics and integrative climate change biology. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2011, 278, 1131-1140.	1.2	81
84	Responses to historical climate change identify contemporary threats to diversity in Dodecatheon. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 5655-5660.	3.3	27
85	Can forest management be used to sustain water-based ecosystem services in the face of climate change?. , 2011, 21, 2049-2067.		131
86	Uncertainty in thermal tolerances and climatic debt. <i>Nature Climate Change</i> , 2012, 2, 638-639.	8.1	20
87	Evolutionary and Ecological Responses to Anthropogenic Climate Change. <i>Plant Physiology</i> , 2012, 160, 1728-1740.	2.3	117
88	Climate heterogeneity modulates impact of warming on tropical insects. <i>Ecology</i> , 2012, 93, 449-455.	1.5	72
89	Drought-induced tree mortality: ecological consequences, causes, and modeling. <i>Environmental Reviews</i> , 2012, 20, 109-121.	2.1	94
90	Elevation-dependent influence of snow accumulation on forest greening. <i>Nature Geoscience</i> , 2012, 5, 705-709.	5.4	187
92	Reviving a Legacy Citizen Science Project to Illuminate Shifts in Bird Phenology. <i>International Journal of Zoology</i> , 2012, 2012, 1-6.	0.3	11
93	Whitebark pine (<i>Pinus albicaulis</i>) assisted migration potential: testing establishment north of the species range. <i>Ecological Applications</i> , 2012, 22, 142-153.	1.8	105
94	Geographical and taxonomic biases in research on biodiversity in human-modified landscapes. <i>Ecosphere</i> , 2012, 3, 1-16.	1.0	74
95	Cusk (<i>Brosme brosme</i>) and climate change: assessing the threat to a candidate marine fish species under the US Endangered Species Act. <i>ICES Journal of Marine Science</i> , 2012, 69, 1753-1768.	1.2	62

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96	Preserving species populations in the boreal zone in a changing climate: contrasting trends of bird species groups in a protected area network. <i>Nature Conservation</i> , 0, 3, 1-20.	0.0	15
97	Bioclimatic equilibrium for lichen distributions on disjunct continental landmasses. <i>Botany</i> , 2012, 90, 1316-1325.	0.5	21
98	Equatorial decline of reef corals during the last Pleistocene interglacial. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 21378-21383.	3.3	90
99	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
100	Diversity of birds in eastern North America shifts north with global warming. <i>Ecology and Evolution</i> , 2012, 2, 3052-3060.	0.8	22
101	Climate change adaptation and sustainable regional development: a case study for the Federal State of Brandenburg, Germany. <i>Regional Environmental Change</i> , 2012, 12, 523-542.	1.4	46
102	Ants on a mountain: spatial, environmental and habitat associations along an altitudinal transect in a centre of endemism. <i>Journal of Insect Conservation</i> , 2012, 16, 677-695.	0.8	50
103	Climate Change Refugia for Biodiversity in the Klamath-Siskiyou Ecoregion. <i>Natural Areas Journal</i> , 2012, 32, 65-74.	0.2	58
104	Invasive Species Unchecked by Climate. <i>Science</i> , 2012, 335, 537-538.	6.0	13
105	Climate change hotspots in the CMIP5 global climate model ensemble. <i>Climatic Change</i> , 2012, 114, 813-822.	1.7	449
106	Carnegie Airborne Observatory-2: Increasing science data dimensionality via high-fidelity multi-sensor fusion. <i>Remote Sensing of Environment</i> , 2012, 124, 454-465.	4.6	283
107	The Role of Mountain Ranges in the Diversification of Birds. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2012, 43, 249-265.	3.8	309
108	Modelling changes in the distribution of the critical food resources of a specialist folivore in response to climate change. <i>Diversity and Distributions</i> , 2012, 18, 847-860.	1.9	39
109	Dispersal will limit ability of mammals to track climate change in the Western Hemisphere. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 8606-8611.	3.3	437
110	The effects of climate change on tropical birds. <i>Biological Conservation</i> , 2012, 148, 1-18.	1.9	276
111	Amazon's vulnerability to climate change heightened by deforestation and man-made dispersal barriers. <i>Global Change Biology</i> , 2012, 18, 3606-3614.	4.2	48
112	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
113	Projected vegetation changes for the American Southwest: combined dynamic modeling and bioclimatic envelope approach. <i>Ecological Applications</i> , 2012, 22, 1365-1388.	1.8	84

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114	Evapotranspiration along an elevation gradient in California's Sierra Nevada. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	165
115	Analysis of threats to South American flora and its implications for conservation. <i>Journal for Nature Conservation</i> , 2012, 20, 337-348.	0.8	19
116	Systemic range shift lags among a pollinator species assemblage following rapid climate change¹This article is part of a Special Issue entitled "Pollination biology research in Canada: Perspectives on a mutualism at different scales". <i>Botany</i> , 2012, 90, 587-597.	0.5	25
117	Between-Site Differences in the Scale of Dispersal and Gene Flow in Red Oak. <i>PLoS ONE</i> , 2012, 7, e36492.	1.1	39
118	Global forecasts of urban expansion to 2030 and direct impacts on biodiversity and carbon pools. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 16083-16088.	3.3	2,896
119	Differences in the climatic debts of birds and butterflies at a continental scale. <i>Nature Climate Change</i> , 2012, 2, 121-124.	8.1	594
120	Saving a Million Species. , 2012, , .		15
121	Quaternary Tropical Plant Extinction: A Paleoeological Perspective from the Neotropics. , 2012, , 199-214.		0
122	Climate change and disruptions to global fire activity. <i>Ecosphere</i> , 2012, 3, 1-22.	1.0	650
123	Differential Response to Soil Salinity in Endangered Key Tree Cactus: Implications for Survival in a Changing Climate. <i>PLoS ONE</i> , 2012, 7, e32528.	1.1	9
124	Downscaling Future Climate Projections to the Watershed Scale: A North San Francisco Bay Case Study. <i>San Francisco Estuary and Watershed Science</i> , 2012, 10, .	0.2	9
126	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
127	Boreal Forest, Canada. , 2012, , 69-79.		2
128	Early stages of divergence: phylogeography, climate modeling, and morphological differentiation in the South American lizard <i>Liolaemus petrophilus</i> (Squamata: Liolaemidae). <i>Ecology and Evolution</i> , 2012, 2, 792-808.	0.8	29
129	Ecohydrological consequences of drought- and infestation-triggered tree die-off: insights and hypotheses. <i>Ecohydrology</i> , 2012, 5, 145-159.	1.1	211
130	Approaching a state shift in Earth's biosphere. <i>Nature</i> , 2012, 486, 52-58.	13.7	1,518
131	Identifying potential evolutionary consequences of climate-driven phenological shifts. <i>Evolutionary Ecology</i> , 2012, 26, 465-473.	0.5	15
132	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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133	Forecasting species ranges by statistical estimation of ecological niches and spatial population dynamics. <i>Global Ecology and Biogeography</i> , 2012, 21, 293-304.	2.7	188
134	Rapid global change: implications for defining natives and aliens. <i>Global Ecology and Biogeography</i> , 2012, 21, 305-311.	2.7	67
135	Modelling spread of British wind-dispersed plants under future wind speeds in a changing climate. <i>Journal of Ecology</i> , 2012, 100, 104-115.	1.9	84
136	The productivity, metabolism and carbon cycle of tropical forest vegetation. <i>Journal of Ecology</i> , 2012, 100, 65-75.	1.9	238
137	The responses of grassland plants to experimentally simulated climate change depend on land use and region. <i>Global Change Biology</i> , 2012, 18, 127-137.	4.2	43
138	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
139	No-analog climates and shifting realized niches during the late quaternary: implications for 21st-century predictions by species distribution models. <i>Global Change Biology</i> , 2012, 18, 1698-1713.	4.2	243
140	Keeping pace with climate change: what can we learn from the spread of Lessepsian migrants?. <i>Global Change Biology</i> , 2012, 18, 2161-2172.	4.2	35
141	Global environmental change and the biology of heritage structures. <i>Global Change Biology</i> , 2012, 18, 2406-2418.	4.2	71
142	The relative importance of deforestation, precipitation change, and temperature sensitivity in determining the future distributions and diversity of Amazonian plant species. <i>Global Change Biology</i> , 2012, 18, 2636-2647.	4.2	65
143	Tracking of climatic niche boundaries under recent climate change. <i>Journal of Animal Ecology</i> , 2012, 81, 914-925.	1.3	129
144	Local and landscape management of an expanding range margin under climate change. <i>Journal of Applied Ecology</i> , 2012, 49, 552-561.	1.9	34
145	Endemic plant communities on special soils: early victims or hardy survivors of climate change?. <i>Journal of Ecology</i> , 2012, 100, 1122-1130.	1.9	85
146	Continental-scale variability in browser diversity is a major driver of diversity patterns in acacias across Africa. <i>Journal of Ecology</i> , 2012, 100, 1093-1104.	1.9	29
147	A crucial step toward realism: responses to climate change from an evolving metacommunity perspective. <i>Evolutionary Applications</i> , 2012, 5, 154-167.	1.5	106
148	RECONSTRUCTING THE ORIGINS OF HIGH-ALPINE NICHES AND CUSHION LIFE FORM IN THE GENUS <i>ANDROSACE</i> S.L. (PRIMULACEAE). <i>Evolution; International Journal of Organic Evolution</i> , 2012, 66, 1255-1268.	1.1	69
149	What's on the horizon for macroecology?. <i>Ecography</i> , 2012, 35, 673-683.	2.1	166
150	Agriculture and Trade Opportunities for Tanzania: Past Volatility and Future Climate Change. <i>Review of Development Economics</i> , 2012, 16, 429-447.	1.0	17

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151	Long-distance gene flow and adaptation of forest trees to rapid climate change. <i>Ecology Letters</i> , 2012, 15, 378-392.	3.0	550
152	Post-glacial migration lag restricts range filling of plants in the European Alps. <i>Global Ecology and Biogeography</i> , 2012, 21, 829-840.	2.7	91
153	Downscaling future climate scenarios to fine scales for hydrologic and ecological modeling and analysis. <i>Ecological Processes</i> , 2012, 1, .	1.6	150
154	Slow, but steady: dispersal of freshwater molluscs. <i>Aquatic Sciences</i> , 2012, 74, 1-14.	0.6	203
155	Global changes in extreme events: regional and seasonal dimension. <i>Climatic Change</i> , 2012, 110, 669-696.	1.7	442
156	Vulnerability of baobab species to climate change and effectiveness of the protected area network in Madagascar: Towards new conservation priorities. <i>Biological Conservation</i> , 2013, 166, 11-22.	1.9	44
157	Global imprint of climate change on marine life. <i>Nature Climate Change</i> , 2013, 3, 919-925.	8.1	1,602
158	How comparable are species distributions along elevational and latitudinal climate gradients?. <i>Global Ecology and Biogeography</i> , 2013, 22, 1228-1237.	2.7	43
159	Latitudinal and Elevational Range Shifts under Contemporary Climate Change. , 2013, , 599-611.		57
160	Assessing migration of Ruby-throated Hummingbirds (<i>Archilochus colubris</i>) at broad spatial and temporal scales. <i>Auk</i> , 2013, 130, 107-117.	0.7	28
161	Forest resilience, climate change, and opportunities for adaptation: A specific case of a general problem. <i>Forest Ecology and Management</i> , 2013, 306, 216-225.	1.4	60
162	The Ethics of Assisted Colonization in the Age of Anthropogenic Climate Change. <i>Journal of Agricultural and Environmental Ethics</i> , 2013, 26, 827-845.	0.9	20
163	Distribution of the Eastern knapweed fritillary (<i>Melitaea ornata</i> Christoph, 1893) (Lepidoptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 26	0.8	19
164	The shaping of genetic variation in edge-of-range populations under past and future climate change. <i>Ecology Letters</i> , 2013, 16, 1258-1266.	3.0	99
165	Treetops at Risk. , 2013, , .		13
166	Projected climate reshuffling based on multivariate climate-availability, climate-analog, and climate-velocity analyses: implications for community disaggregation. <i>Climatic Change</i> , 2013, 119, 659-675.	1.7	41
167	Climate change must not blow conservation off course. <i>Nature</i> , 2013, 500, 271-272.	13.7	29
168	Using climate impacts indicators to evaluate climate model ensembles: temperature suitability of premium winegrape cultivation in the United States. <i>Climate Dynamics</i> , 2013, 40, 709-729.	1.7	21

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169	Temporal and geographical variation in the onset of climatological spring in Northeast China. <i>Theoretical and Applied Climatology</i> , 2013, 114, 605-613.	1.3	5
170	Climate change affecting temperature and aridity zones: a case study in Eastern Inner Mongolia, China from 1960 to 2008. <i>Theoretical and Applied Climatology</i> , 2013, 113, 561-572.	1.3	18
171	Consequences of past climate change for species engaged in obligatory interactions. <i>Comptes Rendus - Geoscience</i> , 2013, 345, 306-315.	0.4	6
172	Succulent plants on arid inselbergs. <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 2013, 208, 321-329.	0.6	5
173	Cryptic or mystic? Glacial tree refugia in northern Europe. <i>Trends in Ecology and Evolution</i> , 2013, 28, 696-704.	4.2	273
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684	High community turnover and dispersal limitation relative to rapid climate change. <i>Global Ecology and Biogeography</i> , 2017, 26, 459-471.	2.7	30
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788	The 90 ways to describe plant temperature. <i>Perspectives in Plant Ecology, Evolution and Systematics</i> , 2018, 30, 16-21.	1.1	119
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807	Notes on the postglacial spread of abundant European tree taxa. <i>Vegetation History and Archaeobotany</i> , 2018, 27, 337-349.	1.0	26
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851	Major perturbations in the Earth's forest ecosystems. Possible implications for global warming. <i>Earth-Science Reviews</i> , 2018, 185, 544-571.	4.0	72
852	Effect of climate change in lizards of the genus <i>Xenosaurus</i> (<i>Xenosauridae</i>) based on projected changes in climatic suitability and climatic niche conservatism. <i>Ecology and Evolution</i> , 2018, 8, 6860-6871.	0.8	18

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854	Incipient road to extinction of a keystone herbivore in south-eastern Europe: Harting's vole (<i>Microtus</i>)	1.7	14
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856	Using present and past climate sequences to estimate soil organic carbon and related physical quality indicators under future climatic conditions. <i>Agriculture, Ecosystems and Environment</i> , 2018, 266, 17-30.	2.5	5
857	Historical distributions of bobcats (<i>Lynx rufus</i>) and Canada lynx (<i>Lynx</i>)	0.4	9
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888	The ecology of plant extinction: rates, traits and island comparisons. <i>Oryx</i> , 2019, 53, 424-428.	0.5	30

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950	Evidence for adaptive responses to historic drought across a native plant species range. <i>Evolutionary Applications</i> , 2019, 12, 1569-1582.	1.5	44
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986	The importance of defining measures of stability in macroecology and biogeography. <i>Frontiers of Biogeography</i> , 2019, 11, .	0.8	6
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1008	The origins and maintenance of global species endemism. <i>Global Ecology and Biogeography</i> , 2019, 28, 170-183.	2.7	20
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1018	The mechanisms of phenology: the patterns and processes of phenological shifts. <i>Ecological Monographs</i> , 2019, 89, e01337.	2.4	172
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1020	Vegetation patterns and causal factors in different reaches of an endorheic basin in arid China. <i>Ecoscience</i> , 2019, 26, 71-83.	0.6	1

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1021	Toward a Resilience-Based Conservation Strategy for Wetlands in Puerto Rico: Meeting Challenges Posed by Environmental Change. <i>Wetlands</i> , 2019, 39, 1255-1269.	0.7	4
1022	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
1023	Changes in arthropod communities as black mangroves <i>Avicennia germinans</i> expand into Gulf of Mexico salt marshes. <i>Arthropod-Plant Interactions</i> , 2019, 13, 465-475.	0.5	5
1024	Genetic diversity of the genus <i>Vulpes</i> (Red fox and Fennec fox) in Tunisia based on mitochondrial DNA and noninvasive DNA sampling. <i>Mammalian Biology</i> , 2019, 96, 118-123.	0.8	3
1026	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
1027	Assessment of climate change in Algeria from 1951 to 2098 using the Köppen-Geiger climate classification scheme. <i>Climate Dynamics</i> , 2019, 52, 227-243.	1.7	61
1028	Turning Down the Heat: Vegetation Feedbacks Limit Fire Regime Responses to Global Warming. <i>Ecosystems</i> , 2020, 23, 204-216.	1.6	20
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1030	Climate migrants'™ survival threatened by C-shaped anthropic barriers. <i>Integrative Zoology</i> , 2020, 15, 32-39.	1.3	2
1031	Under the weather: Corticosterone levels in wild nestlings are associated with ambient temperature and wind. <i>General and Comparative Endocrinology</i> , 2020, 285, 113247.	0.8	25
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1033	Extensive mismatches between species distributions and performance and their relationship to functional traits. <i>Ecology Letters</i> , 2020, 23, 33-44.	3.0	34
1034	Documenting lemming population change in the Arctic: Can we detect trends?. <i>Ambio</i> , 2020, 49, 786-800.	2.8	54
1035	Effects of topography on tropical forest structure depend on climate context. <i>Journal of Ecology</i> , 2020, 108, 145-159.	1.9	62
1036	Evaluating climate change adaptation pathways through capital assessment: five case studies of forest social-ecological systems in France. <i>Sustainability Science</i> , 2020, 15, 539-553.	2.5	8
1037	An assessment of the potential impacts of climate change on freshwater habitats and biota of Indiana, USA. <i>Climatic Change</i> , 2020, 163, 1897-1916.	1.7	12
1038	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
1039	Soil alters seedling establishment responses to climate. <i>Ecology Letters</i> , 2020, 23, 140-148.	3.0	20

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1041	Cradles and museums of generic plant diversity across tropical Africa. <i>New Phytologist</i> , 2020, 225, 2196-2213.	3.5	97
1042	Scientists's Warning on Climate Change and Medicinal Plants. <i>Planta Medica</i> , 2020, 86, 10-18.	0.7	85
1043	Species range shifts along multistressor mosaics in estuarine environments under future climate. <i>Fish and Fisheries</i> , 2020, 21, 32-46.	2.7	37
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1045	Ecological change in dynamic environments: Accounting for temporal environmental variability in studies of ocean change biology. <i>Global Change Biology</i> , 2020, 26, 54-67.	4.2	88
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1047	Geographically divergent evolutionary and ecological legacies shape mammal biodiversity in the global tropics and subtropics. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 1559-1565.	3.3	30
1048	Present and future of the critically endangered <i>Araucaria angustifolia</i> due to climate change and habitat loss. <i>Forestry</i> , 2020, 93, 401-410.	1.2	20
1049	Factors affecting the occurrence and activity of clouded leopards, common leopards and leopard cats in the Himalayas. <i>Biodiversity and Conservation</i> , 2020, 29, 839-851.	1.2	16
1050	Molecular bases of responses to abiotic stress in trees. <i>Journal of Experimental Botany</i> , 2020, 71, 3765-3779.	2.4	65
1051	Environmental predictors of vascular plant richness at large spatial scales based on protected area data of China. <i>Global Ecology and Conservation</i> , 2020, 21, e00846.	1.0	2
1052	Protected areas as potential refugia for biodiversity under climatic change. <i>Biological Conservation</i> , 2020, 241, 108258.	1.9	37
1053	Do shrubs improve reproductive chances of neighbors across soil types in drought?. <i>Oecologia</i> , 2020, 192, 79-90.	0.9	3
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1055	Global-scale species distributions predict temperature-related changes in species composition of rocky shore communities in Britain. <i>Global Change Biology</i> , 2020, 26, 2093-2105.	4.2	31
1057	Climate change exposure and vulnerability of the global protected area estate from an international perspective. <i>Diversity and Distributions</i> , 2020, 26, 1496-1509.	1.9	29
1058	Genetic and Environmental Indicators of Climate Change Vulnerability for Desert Bighorn Sheep. <i>Frontiers in Ecology and Evolution</i> , 2020, 8, .	1.1	8

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1060	Landscape scale variation in the hydrologic niche of California coast redwood. <i>Ecography</i> , 2020, 43, 1305-1315.	2.1	5
1061	Plant extinction excels plant speciation in the Anthropocene. <i>BMC Plant Biology</i> , 2020, 20, 430.	1.6	18
1062	How to survive winter?. , 2020, , 101-125.		1
1063	Vertebrate viruses in polar ecosystems. , 2020, , 126-148.		0
1065	Life in the extreme environments of our planet under pressure. , 2020, , 151-183.		0
1066	Chemical ecology in the Southern Ocean. , 2020, , 251-278.		1
1070	Physiological traits of the Greenland shark <i>Somniosus microcephalus</i> obtained during the TUNU-Expeditions to Northeast Greenland. , 2020, , 11-41.		0
1071	Metazoan adaptation to deep-sea hydrothermal vents. , 2020, , 42-67.		4
1072	Extremophiles populating high-level natural radiation areas (HLNRAs) in Iran. , 2020, , 68-86.		1
1074	Metazoan life in anoxic marine sediments. , 2020, , 89-100.		0
1075	The ecophysiology of responding to change in polar marine benthos. , 2020, , 184-217.		0
1076	The Southern Ocean: an extreme environment or just home of unique ecosystems?. , 2020, , 218-233.		1
1077	Metabolic and taxonomic diversity in antarctic subglacial environments. , 2020, , 279-296.		2
1078	Analytical astrobiology: the search for life signatures and the remote detection of biomarkers through their Raman spectral interrogation. , 2020, , 301-318.		1
1079	Adaptation/acclimatisation mechanisms of oxyphototrophic microorganisms and their relevance to astrobiology. , 2020, , 319-342.		0
1080	Life at the extremes. , 2020, , 343-354.		0
1081	Microorganisms in cryoturbated organic matter of Arctic permafrost soils. , 2020, , 234-250.		0

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1085	Locating North African microrefugia for mountain tree species from landscape ruggedness and fossil records. <i>Journal of African Earth Sciences</i> , 2020, 172, 103996.	0.9	5
1086	Global wind patterns and the vulnerability of wind-dispersed species to climate change. <i>Nature Climate Change</i> , 2020, 10, 868-875.	8.1	28
1087	High-elevation hypoxia impacts perinatal physiology and performance in a potential montane colonizer. <i>Integrative Zoology</i> , 2020, 15, 544-557.	1.3	13
1088	Climatic breadth of calling behaviour in two widespread Neotropical frogs: Insights from humidity extremes. <i>Global Change Biology</i> , 2020, 26, 5431-5446.	4.2	3
1089	One hundred years of climate change in Mexico. <i>PLoS ONE</i> , 2020, 15, e0209808.	1.1	40
1090	The effect of climate change on the richness distribution pattern of oaks (<i>Quercus L.</i>) in China. <i>Science of the Total Environment</i> , 2020, 744, 140786.	3.9	62
1091	Counter-Intuitive Response to Water Limitation in a Southern European Provenance of <i>Frangula alnus</i> Mill. in a Common Garden Experiment. <i>Forests</i> , 2020, 11, 1186.	0.9	3
1092	Making Tough Decisions: Prioritizing Species for Conservation. , 2020, , 291-317.		0
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1094	Classifying biogeographic realms of the endemic fauna in the Afro-Arabian region. <i>Ecology and Evolution</i> , 2020, 10, 8669-8680.	0.8	8
1096	Probability of Spring Frosts, Not Growing Degree-Days, Drives Onset of Spruce Bud Burst in Plantations at the Boreal-Temperate Forest Ecotone. <i>Frontiers in Plant Science</i> , 2020, 11, 1031.	1.7	22
1097	Preserving connectivity under climate and land-use change: No one-size-fits-all approach for focal species in similar habitats. <i>Biological Conservation</i> , 2020, 248, 108678.	1.9	15
1098	Forest Phenology Shifts in Response to Climate Change over China-Mongolia-Russia International Economic Corridor. <i>Forests</i> , 2020, 11, 757.	0.9	14
1099	Effects of climate change on the life stages of stream-dwelling brown trout (<i>Salmo trutta</i>) in the Tianshan Mountains. <i>Journal of Great Lakes Research</i> , 2020, 13, e2241.	1.1	5
1100	Plant biomes demonstrate that landscape resilience today is the lowest it has been since end-Pleistocene megafaunal extinctions. <i>Global Change Biology</i> , 2020, 26, 5914-5927.	4.2	17
1101	Precipitation is the dominant driver for bird species richness, phylogenetic and functional structure in university campuses in northern China. <i>Avian Research</i> , 2020, 11, .	0.5	6
1102	Thermal displacement by marine heatwaves. <i>Nature</i> , 2020, 584, 82-86.	13.7	87

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1104	Assessing the Vulnerability of Military Installations in the Coterminous United States to Potential Biome Shifts Resulting from Rapid Climate Change. <i>Environmental Management</i> , 2020, 66, 564-589.	1.2	9
1105	Restoration at the landscape scale as a means of mitigation and adaptation to climate change. <i>Current Landscape Ecology Reports</i> , 2020, 5, 85-97.	1.1	16
1106	Projecting species loss and turnover under climate change for 111 Chinese tree species. <i>Forest Ecology and Management</i> , 2020, 477, 118488.	1.4	21
1107	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
1109	What's in the Conservationist's Toolbox: Species-Centered Approaches. , 2020, , 196-223.		0
1110	Expanding the Conservationist's Toolbox: Going Beyond Species. , 2020, , 224-257.		0
1111	Conservation Reliance Is a Human Issue. , 2020, , 258-290.		0
1112	Being a Good Shepherd. , 2020, , 318-325.		0
1117	Climate change has different predicted effects on the range shifts of two hybridizing ambush bug (<i>Tj ETQq1 1 0.784314 rgBT /Overl</i>	0.8	8
1118	Growing season frost is a better predictor of tree growth than mean annual temperature in boreal mixedwood forest plantations. <i>Global Change Biology</i> , 2020, 26, 6537-6554.	4.2	20
1119	Long-lived larch clones may conserve adaptations that could restrict treeline migration in northern Siberia. <i>Ecology and Evolution</i> , 2020, 10, 10017-10030.	0.8	7
1120	Sustainability Challenges in Sub-Saharan Africa I. <i>Science for Sustainable Societies</i> , 2020, , .	0.2	4
1121	Projected effects of climate change on the distribution and abundance of breeding waterfowl in Eastern Canada. <i>Climatic Change</i> , 2020, 162, 2339-2358.	1.7	5
1122	Understanding the Importance of Dynamic Landscape Connectivity. <i>Land</i> , 2020, 9, 303.	1.2	45
1123	Climate change effects on turtles of the genus <i>Kinosternon</i> (Testudines: Kinosternidae): an assessment of habitat suitability and climate niche conservatism. <i>Hydrobiologia</i> , 2020, 847, 4091-4110.	1.0	7
1124	Climate velocity in inland standing waters. <i>Nature Climate Change</i> , 2020, 10, 1124-1129.	8.1	33
1125	Woody and Herbaceous Plants of Inner Asia: Species Richness and Ecogeographic Patterns. <i>Contemporary Problems of Ecology</i> , 2020, 13, 360-369.	0.3	2

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1128	Wrong-way migrations of benthic species driven by ocean warming and larval transport. <i>Nature Climate Change</i> , 2020, 10, 1052-1056.	8.1	28
1129	Niche Breadth: Causes and Consequences for Ecology, Evolution, and Conservation. <i>Quarterly Review of Biology</i> , 2020, 95, 179-214.	0.0	114
1130	Spatial-Temporal Dynamics of a Diffusive Lotka-Volterra Competition Model with a Shifting Habitat II: Case of Faster Diffuser Being a Weaker Competitor. <i>Journal of Dynamics and Differential Equations</i> , 2021, 33, 2091-2132.	1.0	5
1131	Transporting Biodiversity Using Transmission Power Lines as Stepping-Stones?. <i>Diversity</i> , 2020, 12, 439.	0.7	4
1132	Weather variation affects the dispersal of grasshoppers beyond their elevational ranges. <i>Ecology and Evolution</i> , 2020, 10, 14411-14422.	0.8	6
1133	Assessing the future conservation potential of the Amazon and Andes Protected Areas: Using the woolly monkey (<i>Lagothrix lagothricha</i>) as an umbrella species. <i>Journal for Nature Conservation</i> , 2020, 58, 125926.	0.8	11
1134	Genetic data and climate niche suitability models highlight the vulnerability of a functionally important plant species from south-eastern Australia. <i>Evolutionary Applications</i> , 2020, 13, 2014-2029.	1.5	10
1135	Predicting effects of climate change on productivity and persistence of forest trees. <i>Ecological Research</i> , 2020, 35, 562-574.	0.7	8
1136	Ecology of Neglected Rodent-Borne American Orthohantaviruses. <i>Pathogens</i> , 2020, 9, 325.	1.2	19
1137	Multiple dimensions of climate change on the distribution of Amazon primates. <i>Perspectives in Ecology and Conservation</i> , 2020, 18, 83-90.	1.0	26
1138	Predictors of past avian translocation outcomes inform feasibility of future efforts under climate change. <i>Biological Conservation</i> , 2020, 247, 108597.	1.9	13
1139	Forest microclimate dynamics drive plant responses to warming. <i>Science</i> , 2020, 368, 772-775.	6.0	385
1140	Climate change promotes transitions to tall evergreen vegetation in tropical Asia. <i>Global Change Biology</i> , 2020, 26, 5106-5124.	4.2	35
1141	Demographic trends in community functional tolerance reflect tree responses to climate and altered fire regimes. <i>Ecological Applications</i> , 2020, 30, e02197.	1.8	5
1142	Extinction and the Challenge of Conservation Reliance. , 2020, , 1-24.		0
1143	The Genesis of Conservation Reliance and the Language of Conservation. , 2020, , 55-83.		0

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1144	Emerging Threats in a Rapidly Changing World. , 2020, , 130-157.		0
1145	The Role of Policy and Law. , 2020, , 158-195.		0
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1147	Dimensionality of grassland stability shifts along with altitudes on the Tibetan Plateau. <i>Agricultural and Forest Meteorology</i> , 2020, 291, 108080.	1.9	20
1148	Keeping pace with climate change in global terrestrial protected areas. <i>Science Advances</i> , 2020, 6, eaay0814.	4.7	94
1149	Plant adaptation to climate change—Where are we?. <i>Journal of Systematics and Evolution</i> , 2020, 58, 533-545.	1.6	82
1150	Climate-change refugia: biodiversity in the slow lane. <i>Frontiers in Ecology and the Environment</i> , 2020, 18, 228-234.	1.9	156
1151	Topoclimates, refugia, and biotic responses to climate change. <i>Frontiers in Ecology and the Environment</i> , 2020, 18, 288-297.	1.9	54
1152	Climate and land-use change refugia for Brazilian Cerrado birds. <i>Perspectives in Ecology and Conservation</i> , 2020, 18, 109-115.	1.0	16
1153	African biomes are most sensitive to changes in CO ₂ under recent and near-future CO ₂ conditions. <i>Biogeosciences</i> , 2020, 17, 1147-1167.	1.3	6
1154	The role of liquid water percolation representation in estimating snow water equivalent in a Mediterranean mountain region (Mount Lebanon). <i>Hydrology and Earth System Sciences</i> , 2020, 24, 1527-1542.	1.9	7
1155	Global warming will affect the maximum potential abundance of boreal plant species. <i>Ecography</i> , 2020, 43, 801-811.	2.1	26
1156	DICE-RD: an implementation of rate-related damages in the DICE model. <i>Environmental Economics and Policy Studies</i> , 2020, 22, 555-584.	0.8	9
1157	Direct climate effects are more influential than functional composition in determining future gross primary productivity. <i>Landscape Ecology</i> , 2020, 35, 969-984.	1.9	2
1158	The Conservation Spectrum. , 2020, , 25-54.		0
1159	Potential impact of climate change on the distribution of the Eurasian Lynx (<i>Lynx lynx</i>) in Iran (Mammalia: Felidae). <i>Zoology in the Middle East</i> , 2020, 66, 107-117.	0.2	5
1160	Strong genetic differentiation among populations of <i>Cheirotonus gestroi</i> (Coleoptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 107 Mapping, Sequencing, and Analysis, 2020, 31, 108-119.	0.7	3
1161	Simulating the effects of local adaptation and life history on the ability of plants to track climate shifts. <i>AoB PLANTS</i> , 2020, 12, plaa008.	1.2	12

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1164	The impact of different natural environments on the regeneration dynamics of two <i>Nothofagus</i> species across elevation in the southern Andes. <i>Forest Ecology and Management</i> , 2020, 464, 118034.	1.4	7
1165	Projected Global Loss of Mammal Habitat Due to Land-Use and Climate Change. <i>One Earth</i> , 2020, 2, 578-585.	3.6	46
1166	What Are the Threats?. , 2020, , 84-129.		0
1167	Spatial distribution of tree species in mountain national parks depends on geomorphology and climate. <i>Forest Ecology and Management</i> , 2020, 474, 118366.	1.4	21
1168	Protected Areas and Connectivity. , 2020, , 252-258.		0
1169	Desert Conservation and Management: Biodiversity Loss. , 2020, , 193-200.		0
1170	Combining physical and speciesâ€­based approaches improves refugia identification. <i>Frontiers in Ecology and the Environment</i> , 2020, 18, 254-260.	1.9	34
1171	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
1172	Mapping human pressures on biodiversity across the planet uncovers anthropogenic threat complexes. <i>People and Nature</i> , 2020, 2, 380-394.	1.7	139
1173	30% land conservation and climate action reduces tropical extinction risk by more than 50%. <i>Ecography</i> , 2020, 43, 943-953.	2.1	94
1174	Exposure to exogenous egg cortisol does not rescue juvenile Chinook salmon body size, condition, or survival from the effects of elevated water temperatures. <i>Ecology and Evolution</i> , 2020, 10, 2466-2477.	0.8	10
1175	Dendroclimatological analysis and tree-ring growth prediction of <i>Quercus mongolica</i> . <i>Forest Science and Technology</i> , 2020, 16, 32-40.	0.3	7
1176	Using nighttime lights to assess infrastructure expansion within and around protected areas in South America. <i>Environmental Research Communications</i> , 2020, 2, 021002.	0.9	11
1177	Fine-grained climate velocities reveal vulnerability of protected areas to climate change. <i>Scientific Reports</i> , 2020, 10, 1678.	1.6	21
1178	An Analysis of Current Sustainability of Mexican Cities and Their Exposure to Climate Change. <i>Frontiers in Environmental Science</i> , 2020, 8, .	1.5	1
1179	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

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1181	Contrasting latitudinal patterns in diversity and stability in a high-latitude species-rich moth community. <i>Global Ecology and Biogeography</i> , 2020, 29, 896-907.	2.7	32
1182	Should I Stay or Should I Go: Partially Sedentary Populations Can Outperform Fully Dispersing Populations in Response to Climate-Induced Range Shifts. <i>Bulletin of Mathematical Biology</i> , 2020, 82, 26.	0.9	4
1183	Influence of climate stability on endemism of the vascular plants of the Chihuahuan Desert. <i>Journal of Arid Environments</i> , 2020, 177, 104139.	1.2	12
1184	Twenty-First-Century Climate Change Hot Spots in the Light of a Weakening Sun. <i>Journal of Climate</i> , 2020, 33, 3431-3447.	1.2	6
1185	Spatial genetic structure in a crustacean herbivore highlights the need for local considerations in Baltic Sea biodiversity management. <i>Evolutionary Applications</i> , 2020, 13, 974-990.	1.5	17
1186	Developing and evaluating national soil moisture percentile maps. <i>Soil Science Society of America Journal</i> , 2020, 84, 443-460.	1.2	8
1187	Birds from matched developmental environments breed faster. <i>Behavioral Ecology and Sociobiology</i> , 2020, 74, 1.	0.6	4
1188	Multiple axes of ecological vulnerability to climate change. <i>Global Change Biology</i> , 2020, 26, 2798-2813.	4.2	40
1189	Dispersal Increases the Resilience of Tropical Savanna and Forest Distributions. <i>American Naturalist</i> , 2020, 195, 833-850.	1.0	13
1190	Human land uses reduce climate connectivity across North America. <i>Global Change Biology</i> , 2020, 26, 2944-2955.	4.2	45
1191	Shifting velocity of temperature extremes under climate change. <i>Environmental Research Letters</i> , 2020, 15, 034027.	2.2	7
1192	Plant community diversity will decline more than increase under climatic warming. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2020, 375, 20190106.	1.8	61
1193	Vulnerability of baobab (<i>Adansonia digitata</i> L.) to human disturbances and climate change in western Tigray, Ethiopia: Conservation concerns and priorities. <i>Global Ecology and Conservation</i> , 2020, 22, e00943.	1.0	20
1194	Projected distribution and climate refugia of endangered Kashmir musk deer <i>Moschus cupreus</i> in greater Himalaya, South Asia. <i>Scientific Reports</i> , 2020, 10, 1511.	1.6	22
1195	Towards a global understanding of the drivers of marine and terrestrial biodiversity. <i>PLoS ONE</i> , 2020, 15, e0228065.	1.1	39
1196	Influence of late Quaternary climate on the biogeography of Neotropical aquatic species as reflected by non-marine ostracodes. <i>Biogeosciences</i> , 2020, 17, 145-161.	1.3	6
1197	Invasive grasses: A new perfect storm for forested ecosystems?. <i>Forest Ecology and Management</i> , 2020, 463, 117985.	1.4	64

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1199	Disjunct and decoupled? The persistence of a fire-sensitive conifer species in a historically frequent-fire landscape. <i>Journal for Nature Conservation</i> , 2020, 55, 125828.	0.8	4
1200	Insights into phylogeny, age and evolution of <i>Allium</i> (Amaryllidaceae) based on the whole plastome sequences. <i>Annals of Botany</i> , 2020, 125, 1039-1055.	1.4	49
1201	Is subarctic forest advance able to keep pace with climate change?. <i>Global Change Biology</i> , 2020, 26, 3965-3977.	4.2	76
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1206	Assisted species migration and hybridization to conserve cold-adapted plants under climate change. <i>Conservation Biology</i> , 2021, 35, 559-566.	2.4	15
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1238	Topographic diversity as an indicator for resilience of terrestrial protected areas against climate change. <i>Global Ecology and Conservation</i> , 2021, 25, e01445.	1.0	9
1239	Increasing protected area coverage mitigates climate-driven community changes. <i>Biological Conservation</i> , 2021, 253, 108892.	1.9	16
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1241	Global progress in incorporating climate adaptation into land protection for biodiversity since Aichi targets. <i>Global Change Biology</i> , 2021, 27, 1788-1801.	4.2	16
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1261	Effect of foundation species composition and oil exposure on wetland communities across multiple trophic levels. <i>Marine Ecology - Progress Series</i> , 2021, 662, 53-68.	0.9	2
1263	The GenTree Platform: growth traits and tree-level environmental data in 12 European forest tree species. <i>GigaScience</i> , 2021, 10, .	3.3	3
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1273	Magnitudes and environmental drivers of greenhouse gas emissions from natural wetlands in China based on unbiased data. <i>Environmental Science and Pollution Research</i> , 2021, 28, 44973-44986.	2.7	5
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1280	Range edges of North American marine species are tracking temperature over decades. <i>Global Change Biology</i> , 2021, 27, 3145-3156.	4.2	38
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1295	Drivers of change in the realised climatic niche of terrestrial mammals. <i>Ecography</i> , 2021, 44, 1180-1190.	2.1	18
1296	Warming Effects on Two Autogenic Engineers (<i>Zostera capensis</i> and <i>Gracilaria gracilis</i>): Consequences for Macrofaunal Assemblages and Benthic Heterogeneity in Intertidal Sandflat Ecosystems. <i>Estuaries and Coasts</i> , 2022, 45, 247-259.	1.0	6
1298	Climate-driven divergence in plant-microbiome interactions generates range-wide variation in bud break phenology. <i>Communications Biology</i> , 2021, 4, 748.	2.0	23
1299	Limited potential for bird migration to disperse plants to cooler latitudes. <i>Nature</i> , 2021, 595, 75-79.	13.7	44
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1302	Permafrost Biases Climate Signals in $\delta^{18}O$ tree-ring Series from a Sub-Alpine Tree Stand in Val Bever/Switzerland. <i>Atmosphere</i> , 2021, 12, 836.	1.0	0
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1305	Differences between flower and leaf phenological responses to environmental variation drive shifts in spring phenological sequences of temperate woody plants. <i>Journal of Ecology</i> , 2021, 109, 2922-2933.	1.9	14
1306	Climate and land-use changes coupled with low coverage of protected areas threaten palm species in South Brazilian grasslands. <i>Perspectives in Ecology and Conservation</i> , 2021, 19, 345-353.	1.0	10
1307	Climateâ€Driven Limits to Future Carbon Storage in California's Wildland Ecosystems. <i>AGU Advances</i> , 2021, 2, e2021AV000384.	2.3	21
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1314	Greater increases in China's dryland ecosystem vulnerability in drier conditions than in wetter conditions. <i>Journal of Environmental Management</i> , 2021, 291, 112689.	3.8	31
1315	Review on climate change and its effect on wildlife and ecosystem. <i>Open Journal of Environmental Biology</i> , 2021, , 008-014.	0.1	6
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1322	Synergistic benefits of conserving land-sea ecosystems. <i>Global Ecology and Conservation</i> , 2021, 28, e01684.	1.0	23
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1326	Global warming drives range shifts in spiny-tailed lizards (Squamata: Agamidae: <i>Uromastyx</i>) in the African and Arabian deserts. <i>Journal of Arid Environments</i> , 2021, 191, 104522.	1.2	2
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1333	Spatial and Temporal Changes in Nesting Behavior by Black Skimmers (<i>Rynchops niger</i>) in New Jersey, USA, from 1976-2019. <i>Waterbirds</i> , 2020, 43, .	0.2	3
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1343	Temperature increase and frost decrease driving upslope elevational range shifts in Alpine grouse and hares. <i>Global Change Biology</i> , 2021, 27, 6602-6614.	4.2	18
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1348	Changes in global climate heterogeneity under the 21st century global warming. <i>Ecological Indicators</i> , 2021, 130, 108075.	2.6	33
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1352	Clinal variation in phenological traits and fitness responses to drought across the native range of California poppy. <i>Climate Change Ecology</i> , 2021, 2, 100021.	0.9	4
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1359	Insects and recent climate change. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	239
1360	Phenological shifts of abiotic events, producers and consumers across a continent. <i>Nature Climate Change</i> , 2021, 11, 241-248.	8.1	37
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1366	Urbanization Forecasts, Effects on Land Use, Biodiversity, and Ecosystem Services. , 2013, , 437-452.		20
1367	Local Assessment of Cape Town: Navigating the Management Complexities of Urbanization, Biodiversity, and Ecosystem Services in the Cape Floristic Region. , 2013, , 461-484.		13
1368	Forest Processes. <i>Advances in Global Change Research</i> , 2014, , 25-54.	1.6	3

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