

A global synthesis reveals biodiversity loss as a major driver

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Observing temporal processes in nature. , 0, , 9-10.		0
2	Weekly High-Dose Calcitriol and Docetaxel in Metastatic Androgen-Independent Prostate Cancer. Journal of Clinical Oncology, 2003, 21, 123-128.	0.8	245
3	The Impact of the Individual for Achieving Diversity. Bulletin of the Ecological Society of America, 2012, 93, 220-222.	0.2	0
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5	Cryptic diversity of the "cosmopolitan" harpacticoid copepod <i>annopus palustris</i> : genetic and morphological evidence. Molecular Ecology, 2012, 21, 5336-5347.	2.0	35
6	Changes in biodiversity and environmental stressors influence community structure of an experimental eelgrass <i>Zostera marina</i> system. Marine Ecology - Progress Series, 2012, 470, 41-54.	0.9	29
7	Plant trait responses to the environment and effects on ecosystem properties. Basic and Applied Ecology, 2012, 13, 301-311.	1.2	66
8	Trophic transfer of biodiversity effects: functional equivalence of prey diversity and enrichment?. Ecology and Evolution, 2012, 2, 3110-3122.	0.8	9
9	A Global Pattern of Thermal Adaptation in Marine Phytoplankton. Science, 2012, 338, 1085-1088.	6.0	638
10	Megatrends in agriculture " Views for discontinuities in past and future developments. Global Food Security, 2012, 1, 99-105.	4.0	19
11	Stress as a modifier of biodiversity effects on ecosystem processes?. Journal of Animal Ecology, 2012, 81, 1143-1145.	1.3	5
12	The integration of biodiversity and climate change: A contextual assessment of the carbon farming initiative. Ecological Management and Restoration, 2012, 13, 238-244.	0.7	18
13	Synergies and trade-offs between ecosystem service supply, biodiversity, and habitat conservation status in Europe. Biological Conservation, 2012, 155, 1-12.	1.9	477
14	Forest community survey and the structural characteristics of forests in China. Ecography, 2012, 35, 1059-1071.	2.1	96
15	Biogeographical Boundaries, Functional Group Structure and Diversity of Rocky Shore Communities along the Argentinean Coast. PLoS ONE, 2012, 7, e49725.	1.1	22
16	Biodiversity loss and its impact on humanity. Nature, 2012, 486, 59-67.	13.7	4,969
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18	Impacts of land change on biodiversity: making the link to ecosystem services. Current Opinion in Environmental Sustainability, 2013, 5, 503-508.	3.1	62

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20	Multiscale regime shifts and planetary boundaries. <i>Trends in Ecology and Evolution</i> , 2013, 28, 389-395.	4.2	243
21	Identification of Traits, Genes, and Crops of the Future. , 2013, , 27-177.		1
22	Sensitivity of grassland plant community composition to spatial vs. temporal variation in precipitation. <i>Ecology</i> , 2013, 94, 1687-1696.	1.5	191
23	A comparison of the strength of biodiversity effects across multiple functions. <i>Oecologia</i> , 2013, 173, 223-237.	0.9	91
24	An improved model to predict the effects of changing biodiversity levels on ecosystem function. <i>Journal of Ecology</i> , 2013, 101, 344-355.	1.9	56
25	Effects of anthropogenic disturbance on richness-dependent stability in Napahai plateau wetland. <i>Science Bulletin</i> , 2013, 58, 4120-4125.	1.7	7
26	Incorporating Socioeconomic and Political Drivers of International Collaboration into Marine Conservation Planning. <i>BioScience</i> , 2013, 63, 547-563.	2.2	27
27	Using additive modelling to quantify the effect of chemicals on phytoplankton diversity and biomass. <i>Science of the Total Environment</i> , 2013, 449, 71-80.	3.9	9
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30	Node-by-node disassembly of a mutualistic interaction web driven by species introductions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 16503-16507.	3.3	56
31	Application of <sc>L</sc>oreau & <sc>H</sc>ector's (2001) partitioning method to complex functional traits. <i>Methods in Ecology and Evolution</i> , 2013, 4, 954-960.	2.2	9
32	Avian biodiversity in multiple-use landscapes of the Brazilian Amazon. <i>Biological Conservation</i> , 2013, 167, 339-348.	1.9	84
33	Global meta-analysis reveals no net change in local-scale plant biodiversity over time. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 19456-19459.	3.3	464
34	Deoxygenation alters bacterial diversity and community composition in the ocean's largest oxygen minimum zone. <i>Nature Communications</i> , 2013, 4, 2705.	5.8	72
35	Limited change in the diversity and structure of subtidal communities over four decades. <i>Marine Biology</i> , 2013, 160, 3209-3219.	0.7	12
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38	Epigenetic diversity increases the productivity and stability of plant populations. <i>Nature Communications</i> , 2013, 4, 2875.	5.8	163
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40	A global meta-analysis of the biodiversity and ecosystem service benefits of coffee and cacao agroforestry. <i>Agriculture, Ecosystems and Environment</i> , 2013, 175, 1-7.	2.5	242
41	Plant diversity does not buffer drought effects on early-stage litter mass loss rates and microbial properties. <i>Global Change Biology</i> , 2013, 19, 2795-2803.	4.2	76
42	Plant diversity effects on soil food webs are stronger than those of elevated CO ₂ and N deposition in a long-term grassland experiment. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 6889-6894.	3.3	204
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44	Additive effects of physical stress and herbivores on intertidal seaweed biodiversity. <i>Ecology</i> , 2013, 94, 1089-1101.	1.5	42
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57	The evolutionary time machine: using dormant propagules to forecast how populations can adapt to changing environments. <i>Trends in Ecology and Evolution</i> , 2013, 28, 274-282.	4.2	123
58	The role of nitrogen in climate change and the impacts of nitrogen-climate interactions in the United States: foreword to thematic issue. <i>Biogeochemistry</i> , 2013, 114, 1-10.	1.7	95
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62	Can biodiversity monitoring schemes provide indicators for ecosystem services?. <i>Ecological Indicators</i> , 2013, 33, 148-157.	2.6	57
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85	Scientific Foundations for an IUCN Red List of Ecosystems. <i>PLoS ONE</i> , 2013, 8, e62111.	1.1	383
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93	Non-Linear Interactions Determine the Impact of Sea-Level Rise on Estuarine Benthic Biodiversity and Ecosystem Processes. PLoS ONE, 2013, 8, e68160.	1.1	12
94	Monitoring the Status and Trends of Tropical Forest Terrestrial Vertebrate Communities from Camera Trap Data: A Tool for Conservation. PLoS ONE, 2013, 8, e73707.	1.1	141
95	Are Hotspots Always Hotspots? The Relationship between Diversity, Resource and Ecosystem Functions in the Arctic. PLoS ONE, 2013, 8, e74077.	1.1	42
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112	Revisiting spatial scale in the productivity–species richness relationship: fundamental issues and global change implications. <i>AoB PLANTS</i> , 2014, 6, .	1.2	10
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127	The other side of rarity: recent habitat expansion and increased abundance of the horny sponge <i>Ircinia retidermata</i> (Demospongiae: Dictyoceratida) in the southeast Aegean. <i>Italian Journal of Zoology</i> , 2014, 81, 564-570.	0.6	13
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131	Sustaining Freshwater Biodiversity in the Anthropocene. <i>Springer Water</i> , 2014, , 247-270.	0.2	42
132	Engaging Local Knowledge in Biodiversity Research: Experiences from Large Inter- and Transdisciplinary Projects. <i>Interdisciplinary Science Reviews</i> , 2014, 39, 323-341.	1.0	29
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141	Advancing biodiversity“ecosystem functioning science using high-density tree-based experiments over functional diversity gradients. <i>Oecologia</i> , 2014, 174, 609-621.	0.9	86
142	Intertidal mussels as ecosystem engineers: their associated invertebrate biodiversity under contrasting wave exposures. <i>Marine Biodiversity</i> , 2014, 44, 203-211.	0.3	74
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144	Hotspots of recent drought in Asian steppes. <i>Regional Environmental Change</i> , 2014, 14, 103-117.	1.4	14
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160	Phylogenetic community ecology: integrating community ecology and evolutionary biology. <i>Journal of Plant Ecology</i> , 2014, 7, 97-100.	1.2	20
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164	Extinction and invasion do not add up in noisy dynamic ecological networks. <i>Basic and Applied Ecology</i> , 2014, 15, 475-485.	1.2	6
165	Biodiversity and Ecosystem Functioning. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2014, 45, 471-493.	3.8	1,311

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167	Approaches to defining a planetary boundary for biodiversity. <i>Global Environmental Change</i> , 2014, 28, 289-297.	3.6	236
168	The effects of the psychiatric drug carbamazepine on freshwater invertebrate communities and ecosystem dynamics. <i>Science of the Total Environment</i> , 2014, 496, 461-470.	3.9	39
169	Does wave exposure determine the interactive effects of losing key grazers and ecosystem engineers?. <i>Journal of Experimental Marine Biology and Ecology</i> , 2014, 461, 416-424.	0.7	14
170	Evaluating plant biodiversity measurements and exotic species detection in National Resources Inventory Sampling protocols using examples from the Northern Great Plains of the USA. <i>Ecological Indicators</i> , 2014, 46, 149-155.	2.6	5
171	Defaunation in the Anthropocene. <i>Science</i> , 2014, 345, 401-406.	6.0	2,810
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173	Soil fertility is associated with fungal and bacterial richness, whereas pH is associated with community composition in polar soil microbial communities. <i>Soil Biology and Biochemistry</i> , 2014, 78, 10-20.	4.2	243
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805	Contamination Links Between Terrestrial and Aquatic Ecosystems: The Neonicotinoid Case. <i>Environmental Science and Engineering</i> , 2019, , 145-157.	0.1	0
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809	Reduced diversity and stability of coral-associated bacterial communities and suppressed immune function precedes disease onset in corals. <i>Royal Society Open Science</i> , 2019, 6, 190355.	1.1	59
810	Diversity of vegetation composition enhances ecosystem stability along elevational gradients in the Taihang Mountains, China. <i>Ecological Indicators</i> , 2019, 104, 594-603.	2.6	41
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815	Global diversity and biogeography of bacterial communities in wastewater treatment plants. <i>Nature Microbiology</i> , 2019, 4, 1183-1195.	5.9	491
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817	Cameras for conservation: wildlife photography and emotional engagement with biodiversity and nature. <i>Human Dimensions of Wildlife</i> , 2019, 24, 267-284.	1.0	14
818	Infection with <i>Batrachochytrium dendrobatidis</i> is common in tropical lowland habitats: Implications for amphibian conservation. <i>Ecology and Evolution</i> , 2019, 9, 4917-4930.	0.8	12
819	A four-component classification of uncertainties in biological invasions: implications for management. <i>Ecosphere</i> , 2019, 10, e02669.	1.0	50
820	Soil microbial, nematode, and enzymatic responses to elevated CO ₂ , N fertilization, warming, and reduced precipitation. <i>Soil Biology and Biochemistry</i> , 2019, 135, 184-193.	4.2	64
821	Biodiversity and agriculture. , 2019, , 39-59.		1
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824	Anthropogenic Impacts on Soil Fauna Assemblages. , 2019, , 192-220.		0
825	Potential impacts of agricultural development on freshwater biodiversity in the Lake Victoria basin. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2019, 29, 1052-1062.	0.9	15
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828	Soil Fauna Biogeography and Macroecology. , 2019, , 121-151.		0
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834	Soil Fauna Assemblages at Fine Scales to Landscapes. , 2019, , 152-191.		0
835	Climate Change Impacts on Soil Fauna. , 2019, , 221-245.		1
836	Soil Fauna Assemblage Succession and Restoration. , 2019, , 246-267.		0
837	The Future of Soil Fauna Assemblages. , 2019, , 268-290.		0
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840	Effects of multiple timescales of resource supply on the maintenance of species and functional diversity. <i>Oikos</i> , 2019, 128, 1123-1135.	1.2	1
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842	Conservation Telecouplings. , 2019, , 281-302.		5
843	Functional composition has stronger impact than species richness on carbon gain and allocation in experimental grasslands. <i>PLoS ONE</i> , 2019, 14, e0204715.	1.1	8
844	Demystifying dominant species. <i>New Phytologist</i> , 2019, 223, 1106-1126.	3.5	125
845	Effects of plant functional group removal on structure and function of soil communities across contrasting ecosystems. <i>Ecology Letters</i> , 2019, 22, 1095-1103.	3.0	61
846	Adaptive capacity in ecosystems. <i>Advances in Ecological Research</i> , 2019, 60, 1-24.	1.4	54
847	Nitrogen addition reduced ecosystem stability regardless of its impacts on plant diversity. <i>Journal of Ecology</i> , 2019, 107, 2427-2435.	1.9	57
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852	Largeâ€sized rare tree species contribute disproportionately to functional diversity in resource acquisition in African tropical forest. <i>Ecology and Evolution</i> , 2019, 9, 4349-4361.	0.8	13
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854	Design, implementation and management of perennial flower strips to promote functional agrobiodiversity in organic apple orchards: A pan-European study. <i>Agriculture, Ecosystems and Environment</i> , 2019, 278, 61-71.	2.5	39
855	Biome diversity in South Asia - How can we improve vegetation models to understand global change impact at regional level?. <i>Science of the Total Environment</i> , 2019, 671, 1001-1016.	3.9	18
856	Inter-individual differences in ontogenetic trophic shifts among three marine predators. <i>Oecologia</i> , 2019, 189, 621-636.	0.9	28
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858	Mapping land cover change in northern Brazil with limited training data. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2019, 78, 202-214.	1.4	7
859	Revisiting the Foraging Ecology and Extinction History of Two Endemic Vertebrates from Tenerife, Canary Islands. <i>Quaternary</i> , 2019, 2, 10.	1.0	4
860	The plant diversity sampling design for The National Ecological Observatory Network. <i>Ecosphere</i> , 2019, 10, e02603.	1.0	19
861	Biodiversity and ecosystem functioning in naturally assembled communities. <i>Biological Reviews</i> , 2019, 94, 1220-1245.	4.7	403
862	Stressor fluxes alter the relationship between betaâ€diversity and regional productivity. <i>Oikos</i> , 2019, 128, 1015-1026.	1.2	7
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1278	Patterns and ecological implications of historical marine phytoplankton change. <i>Marine Ecology - Progress Series</i> , 2015, 534, 251-272.	0.9	24
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1299	Tourism and urban development as drivers for invertebrate diversity loss on tropical islands. <i>Royal Society Open Science</i> , 2021, 8, 210411.	1.1	12
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1597	Altitude dependence of alpine grassland ecosystem multifunctionality across the Tibetan Plateau. <i>Journal of Environmental Management</i> , 2023, 332, 117358.	3.8	4
1598	Diversity and conservation of higher plants in Northwest Yunnan-Southeast Tibet. <i>Global Ecology and Conservation</i> , 2023, 42, e02396.	1.0	0
1599	Ammonia Influences the Zooplankton Assemblage and Beta Diversity Patterns in Complicated Urban River Ecosystems. <i>Water (Switzerland)</i> , 2023, 15, 1449.	1.2	3
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1604	Alien plant colonisation and community homogenisation: cause or consequence? A test in coastal dunes. <i>Plant Biosystems</i> , 2023, 157, 622-631.	0.8	1
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1608	Effects of precipitation and grazing on the diversity and productivity of desert steppe. <i>Land Degradation and Development</i> , 2023, 34, 2622-2635.	1.8	3
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1610	Introduction to Restoration Ecology. , 2023, , 3-30.		0
1611	Increased soil carbon storage through plant diversity strengthens with time and extends into the subsoil. <i>Global Change Biology</i> , 2023, 29, 2627-2639.	4.2	17
1613	Investigating an Unknown Biodiversity: Evidence of Distinct Lineages of the Endemic Chola Guitarfish <i>Pseudobatos percellens</i> Walbaum, 1792 in the Western Atlantic Ocean. <i>Diversity</i> , 2023, 15, 344.	0.7	1
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1618	The Criminalization of the Trade in Wildlife. , 2023, , 155-169.		0
1619	<i>Fallopia japonica</i> and <i>Impatiens glandulifera</i> are colonized by species-poor root-associated fungal communities but have minor impacts on soil properties in riparian habitats. <i>Biological Invasions</i> , 2023, 25, 2199-2218.	1.2	2
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1727	Our boundaries for sustainability. , 2024, , 71-87.		0
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