# SCALE-DEPENDENT RESPONSES OF PLANT BIODIVER

Ecology
89, 2165-2171
DOI: 10.1890/07-0971.1

Citation Report

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Nutrient enrichment homogenizes lake benthic assemblages at local and regional scales. Ecology, 2009, 90, 3470-3477. | 3.2 | 158 |
| 2 | Effects of land-use change on productivity depend on small-scale plant species diversity. Basic and Applied Ecology, 2009, 10, 687-696. | 2.7 | 24 |
| 3 | Predators temper the relative importance of stochastic processes in the assembly of prey metacommunities. Ecology Letters, 2009, 12, 1210-1218. | 6.4 | 158 |
| 4 | Additive diversity partitioning in palaeobiology: revisiting Sepkoskiâ€™s question. Palaeontology, 2010, 53, 1237-1254. | 2.2 | 33 |
| 5 | Nitrogen enrichment and plant communities. Annals of the New York Academy of Sciences, 2010, 1195, 46-61. | 3.8 | 132 |
| 6 | Rapid plant community responses during the summer monsoon to nighttime warming in a northern Chihuahuan Desert grassland. Journal of Arid Environments, 2010, 74, 611-617. | 2.4 | 35 |
| 7 | Stochastic Community Assembly Causes Higher Biodiversity in More Productive Environments. Science, 2010, 328, 1388-1391. | 12.6 | 814 |
| 8 | Disentangling the importance of ecological niches from stochastic processes across scales. Philosophical Transactions of the Royal Society B: Biological Sciences, 2011, 366, 2351-2363. | 4.0 | 1,161 |
| 9 | Alternative community compositional and dynamical states: the dual consequences of assembly history. Journal of Animal Ecology, 2011, 80, 577-585. | 2.8 | 21 |
| 10 | Salmon-derived nutrients drive diatom beta-diversity patterns. Freshwater Biology, 2011, 56, 292-301. | 2.4 | 10 |
| 11 | Niches and neutral processes contribute to the resource-diversity relationships of stream detritivores. Freshwater Biology, 2011, 56, 877-888. | 2.4 | 4 |
| 12 | Epigeal spider responses to fertilization and plant litter: testing biodiversity theory at the ground level. Journal of Arachnology, 2012, 40, 309-324. | 0.5 | 7 |
| 13 | Impacts of atmospheric nitrogen deposition: responses of multiple plant and soil parameters across contrasting ecosystems in longâ€term field experiments. Global Change Biology, 2012, 18, 1197-1215. | 9.5 | 340 |
| 14 | Temporal variation of Î²-diversity and assembly mechanisms in a bacterial metacommunity. ISME Journal, 2012, 6, 1107-1114. | 9.8 | 127 |
| 15 | Nitrogen deposition drives lichen community changes through differential species responses. Global Change Biology, 2012, 18, 2626-2635. | 9.5 | 58 |
| 16 | Community traitscape of foliar nitrogen isotopes reveals N availability patterns in a tallgrass prairie. Plant and Soil, 2012, 356, 395-403. | 3.7 | 40 |
| 17 | Above- and belowground responses to nitrogen addition in a Chihuahuan Desert grassland. Oecologia, 2012, 169, 177-185. | 2.0 | 103 |
| 18 | Scaleâ€dependent responses of species richness to experimental manipulation of productivity and disturbance in <scp>C</scp>alifornian coastal grasslands. Journal of Vegetation Science, 2012, 23, 906-918. | 2.2 | 12 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Grassland diversity under changing productivity and the underlying mechanisms â€“ results of a 10â€yr experiment. Journal of Vegetation Science, 2012, 23, 919-930. | 2.2 | 16 |
| 20 | Scaleâ€dependent effect sizes of ecological drivers on biodiversity: why standardised sampling is not enough. Ecology Letters, 2013, 16, 17-26. | 6.4 | 250 |
| 21 | Interactive effects of nitrogen addition, warming and invasion across organizational levels in an old-field plant community. AoB PLANTS, 2014, 6, plu061-plu061. | 2.3 | 3 |
| 22 | Fertilization decreases species diversity but increases functional diversity: A three-year experiment in a Tibetan alpine meadow. Agriculture, Ecosystems and Environment, 2014, 182, 106-112. | 5.3 | 74 |
| 23 | Vascular plant abundance and diversity in an alpine heath under observed and simulated global change. Scientific Reports, 2015, 5, 10197. | 3.3 | 16 |
| 24 | A framework for quantifying the magnitude and variability of community responses to global change drivers. Ecosphere, 2015, 6, 1-14. | 2.2 | 51 |
| 25 | Nitrogen deposition and multi-dimensional plant diversity at the landscape scale. Royal Society Open Science, 2015, 2, 150017. | 2.4 | 22 |
| 26 | Resources Alter the Structure and Increase Stochasticity in Bromeliad Microfauna Communities. PLoS ONE, 2015, 10, e0118952. | 2.5 | 10 |
| 27 | Erosion of beta diversity under interacting global change impacts in a semiâ€arid grassland. Journal of Ecology, 2015, 103, 397-407. | 4.0 | 21 |
| 28 | Testing reliability of short-term responses to predict longer-term responses of bryophytes and lichens to environmental change. Ecological Indicators, 2015, 58, 77-85. | 6.3 | 27 |
| 29 | Homogenization of fish assemblages in different lake depth strata at local and regional scales. Freshwater Biology, 2015, 60, 745-757. | 2.4 | 34 |
| 30 | More individuals drive the species energyâ€“area relationship in an experimental zooplankton community. Oikos, 2015, 124, 1065-1070. | 2.7 | 12 |
| 31 | Temporally variable environments maintain more beta-diversity in Mediterranean landscapes. Acta Oecologica, 2015, 68, 1-10. | 1.1 | 13 |
| 32 | Testing the scaling effects and mechanisms of Nâ€induced biodiversity loss: evidence from a decadeâ€long grassland experiment. Journal of Ecology, 2015, 103, 750-760. | 4.0 | 21 |
| 33 | Over 150ÂYears of Long-Term Fertilization Alters Spatial Scaling of Microbial Biodiversity. MBio, 2015, 6, . | 4.1 | 57 |
| 34 | Balancing biofuel production and biodiversity: Harvesting frequency effects on production and community composition in planted tallgrass prairie. Biomass and Bioenergy, 2016, 92, 98-105. | 5.7 | 11 |
| 35 | Community-level trait responses and intra-specific trait variability play important roles in driving community productivity in an alpine meadow on the Tibetan Plateau. Journal of Plant Ecology, 0, , rtw069. | 2.3 | 5 |
| 36 | Negative density dependence is stronger in resourceâ€rich environments and diversifies communities when stronger for common but not rare species. Ecology Letters, 2016, 19, 657-667. | 6.4 | 86 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Bottomâ€“up and topâ€“down effects on plant communities: nutrients limit productivity, but insects determine diversity and composition. Oikos, 2016, 125, 566-575. | 2.7 | 22 |
| 38 | Nutrient additions cause divergence of tallgrass prairie plant communities resulting in loss of ecosystem stability. Journal of Ecology, 2016, 104, 1478-1487. | 4.0 | 43 |
| 39 | The betaâ€diversity of species interactions: Untangling the drivers of geographic variation in plantâ€“pollinator diversity and function across scales. American Journal of Botany, 2016, 103, 118-128. | 1.7 | 43 |
| 40 | Herbivore exclusion promotes a more stochastic plant community assembly in a natural grassland. Ecology, 2017, 98, 961-970. | 3.2 | 33 |
| 41 | Nitrogen effects on plant species richness in herbaceous communities are more widespread and stronger than those of phosphorus. Biological Conservation, 2017, 212, 390-397. | 4.1 | 114 |
| 42 | Resource availability determines the importance of nicheâ€based versus stochastic community assembly in grasslands. Oikos, 2017, 126, 1134-1141. | 2.7 | 35 |
| 43 | Negative density dependence mediates biodiversityâ€“productivity relationships across scales. Nature Ecology and Evolution, 2017, 1, 1107-1115. | 7.8 | 25 |
| 44 | Effects of fertilization, burning, and grazing on plant community in the long-term fenced grasslands. Plant, Soil and Environment, 2017, 63, 171-176. | 2.2 | 3 |
| 45 | Cumulative and partially recoverable impacts of nitrogen addition on a temperate steppe. Ecological Applications, 2018, 28, 237-248. | 3.8 | 23 |
| 46 | Environmental Characteristics and Anthropogenic Impact Jointly Modify Aquatic Macrophyte Species Diversity. Frontiers in Plant Science, 2018, 9, 1001. | 3.6 | 24 |
| 47 | Ecosystem multifunctionality increases with beta diversity in restored prairies. Oecologia, 2018, 188, 837-848. | 2.0 | 40 |
| 48 | Global change effects on plant communities are magnified by time and the number of global change factors imposed. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 17867-17873. | 7.1 | 141 |
| 49 | Resource addition drives taxonomic divergence and phylogenetic convergence of plant communities. Journal of Ecology, 2019, 107, 2121-2132. | 4.0 | 14 |
| 50 | Increased community compositional dissimilarity alleviates species loss following nutrient enrichment at large spatial scales. Journal of Plant Ecology, 2019, 12, 376-386. | 2.3 | 10 |
| 51 | Nitrogen addition does not reduce the role of spatial asynchrony in stabilising grassland communities. Ecology Letters, 2019, 22, 563-571. | 6.4 | 75 |
| 52 | Nutrient enrichment homogenizes taxonomic and functional diversity of benthic macroinvertebrate assemblages in shallow lakes. Limnology and Oceanography, 2019, 64, 1047-1058. | 3.1 | 68 |
| 53 | Plant communities are more sensitive than soil microbial communities to multiple environmental changes in the Eurasian steppe. Global Ecology and Conservation, 2020, 21, e00779. | 2.1 | 6 |
| 54 | Responses of diversity, productivity, and stability to the nitrogen input in a tropical grassland. Ecological Applications, 2020, 30, e02037. | 3.8 | 7 |

| # | Article | IF | Citations |
|---|---|---|---|
| 55 | Divergent interactive impacts on productivity and functional diversity from fluctuated snowfall and continuous nitrogen pollution within Inner Mongolian. Science of the Total Environment, 2020, 704, 135443. | 8.0 | 3 |
| 56 | N enrichment, increased precipitation, and the effect of shrubs collectively shape the plant community in a desert ecosystem in northern China. Science of the Total Environment, 2020, 716, 135379. | 8.0 | 14 |
| 57 | Vulnerability and resistance in the spatial heterogeneity of soil microbial communities under resource additions. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 7263-7270. | 7.1 | 22 |
| 58 | Mowing does not redress the negative effect of nutrient addition on alpha and beta diversity in a temperate grassland. Journal of Ecology, 2021, 109, 1501-1510. | 4.0 | 14 |
| 59 | Scaleâ€dependent patterns and drivers of plant diversity in steppe grasslands of the Central Alborz Mts., Iran. Journal of Vegetation Science, 2021, 32, e13005. | 2.2 | 3 |
| 60 | N-enrichment induced biodiversity loss can be explained by reductions in competitive intransitivity: Evidence from a decade-long grassland experiment. Environmental and Experimental Botany, 2021, 184, 104372. | 4.2 | 4 |
| 61 | Longâ€term nitrogen input alters plant and soil bacterial, but not fungal beta diversity in a semiarid grassland. Global Change Biology, 2021, 27, 3939-3950. | 9.5 | 64 |
| 62 | Species loss due to nutrient addition increases with spatial scale in global grasslands. Ecology Letters, 2021, 24, 2100-2112. | 6.4 | 13 |
| 63 | Nitrogen effects on plant productivity change at decadal timeâ€scales. Global Ecology and Biogeography, 2021, 30, 2488-2499. | 5.8 | 8 |
| 64 | Homogenization of diatom assemblages is driven by eutrophication in tropical reservoirs. Environmental Pollution, 2021, 288, 117778. | 7.5 | 21 |
| 65 | Nitrogen addition promotes soil microbial beta diversity and the stochastic assembly. Science of the Total Environment, 2022, 806, 150569. | 8.0 | 26 |
| 67 | Nocturnal pollination: an overlooked ecosystem service vulnerable to environmental change. Emerging Topics in Life Sciences, 2020, 4, 19-32. | 2.6 | 43 |
| 68 | Plant Functional Diversity Can Be Independent of Species Diversity: Observations Based on the Impact of 4-Yrs of Nitrogen and Phosphorus Additions in an Alpine Meadow. PLoS ONE, 2015, 10, e0136040. | 2.5 | 28 |
| 70 | Structure of Plant Communities. Environmental Pollution, 2009, , 225-295. | 0.4 | 1 |
| 71 | Wildfire severity alters drivers of interaction betaâ€diversity in plantâ€“bee networks. Ecography, 2022, 2022, . | 4.5 | 9 |
| 73 | Multi-trait functional diversity predicts ecosystem multifunctionality under nitrogen addition in a desert steppe. Plant and Soil, 2023, 491, 33-44. | 3.7 | 4 |
| 74 | Eutrophication as a homogenizer process of phytoplankton Î²-diversity in lowland streams. Limnologica, 2023, 99, 126058. | 1.5 | 1 |
| 75 | Nitrogen addition and fungal symbiosis alter early dune plant succession. Oecologia, 2023, 201, 1067-1077. | 2.0 | 0 |

| # | Article | IF | Citations |
|---|---|---|---|
| 76 | Decoupled responses of aboveâ€•and belowâ€ground betaâ€diversity to nitrogen enrichment in a typical steppe. Ecology Letters, 2024, 27, . | 6.4 | 0 |
| 77 | Temporal dynamics of steppe plant communities. IOP Conference Series: Earth and Environmental Science, 2023, 1254, 012022. | 0.3 | 1 |
| 78 | A lower labile C input relieves the negative effects of N enrichment on plant assemblages in a semi-arid grassland. Plant and Soil, 0, , . | 3.7 | 0 |
| 79 | Grasses mixture-planting rather than fertilization depresses soil microbial diversity in an alpine artificial grassland. Plant and Soil, 0, , . | 3.7 | 0 |
| 80 | Responses of soil bacterial functional group diversity to nitrogen enrichment in global grasslands. Catena, 2024, 237, 107807. | 5.0 | 0 |
| 81 | Nitrogen rather than water availability limits aboveground primary productivity in an arid ecosystem: Substantial differences between grasses and shrubs. Ecohydrology, 2024, 17, . | 2.4 | 0 |
| 82 | Eutrophication modifies the relationships between multiple facets of macroinvertebrate beta diversity and geographic distance in freshwater lakes. Diversity and Distributions, 2024, 30, . | 4.1 | 0 |