

Biogeographic patterns in below-ground diversity in Neotropical forests are  
similar to those observed globally

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Avoiding the antibiotic apocalypse. <i>Independent Nurse</i> , 2014, 2014, 15-17.	0.0	0
2	Natural selection on thermal performance in a novel thermal environment. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 14165-14169.	3.3	154
3	Mock communities highlight the diversity of host-associated eukaryotes. <i>Molecular Ecology</i> , 2015, 24, 4337-4339.	2.0	4
4	Not all are free-living: high-throughput DNA metabarcoding reveals a diverse community of protists parasitizing soil metazoa. <i>Molecular Ecology</i> , 2015, 24, 4556-4569.	2.0	116
5	Toward a global platform for linking soil biodiversity data. <i>Frontiers in Ecology and Evolution</i> , 0, 3, .	1.1	24
6	Warming reduces the cover and diversity of biocrust-forming mosses and lichens, and increases the physiological stress of soil microbial communities in a semi-arid <i>Pinus halepensis</i> plantation. <i>Frontiers in Microbiology</i> , 2015, 6, 865.	1.5	58
7	Evidence-based recommendations on storing and handling specimens for analyses of insect microbiota. <i>PeerJ</i> , 2015, 3, e1190.	0.9	99
8	Increasing aridity reduces soil microbial diversity and abundance in global drylands. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 15684-15689.	3.3	728
9	Evolution of the indoor biome. <i>Trends in Ecology and Evolution</i> , 2015, 30, 223-232.	4.2	75
10	Local-global overlap in diversity informs mechanisms of bacterial biogeography. <i>ISME Journal</i> , 2015, 9, 2413-2422.	4.4	23
11	Soil Biodiversity and the Environment. <i>Annual Review of Environment and Resources</i> , 2015, 40, 63-90.	5.6	194
12	Consistent responses of soil microbial communities to elevated nutrient inputs in grasslands across the globe. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 10967-10972.	3.3	1,023
13	Soil biodiversity and human health. <i>Nature</i> , 2015, 528, 69-76.	13.7	532
14	Extinction risk of soil biota. <i>Nature Communications</i> , 2015, 6, 8862.	5.8	158
15	Biological invasions, climate change and genomics. <i>Evolutionary Applications</i> , 2015, 8, 23-46.	1.5	209
16	Spatial scale drives patterns in soil bacterial diversity. <i>Environmental Microbiology</i> , 2016, 18, 2039-2051.	1.8	194
17	The ecologist's field guide to sequence-based identification of biodiversity. <i>Methods in Ecology and Evolution</i> , 2016, 7, 1008-1018.	2.2	316
18	Thorough high-throughput sequencing analyses unravels huge diversities of soil parasitic protists. <i>Environmental Microbiology</i> , 2016, 18, 1669-1672.	1.8	36

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19	Urban-development-induced Changes in the Diversity and Composition of the Soil Bacterial Community in Beijing. <i>Scientific Reports</i> , 2016, 6, 38811.	1.6	73
20	Antibiotic discovery is a walk in the park. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 14477-14479.	3.3	24
21	Aspect has a greater impact on alpine soil bacterial community structure than elevation. <i>FEMS Microbiology Ecology</i> , 2017, 93, fiw253.	1.3	28
22	Treating cattle with antibiotics affects greenhouse gas emissions, and microbiota in dung and dung beetles. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2016, 283, 20160150.	1.2	67
23	A method for simultaneous measurement of soil bacterial abundances and community composition via 16S rRNA gene sequencing. <i>Soil Biology and Biochemistry</i> , 2016, 96, 145-151.	4.2	170
24	Urban Microbiomes and Urban Agriculture: What Are the Connections and Why Should We Care?. , 2016, , 191-205.		1
25	Evaluating communityâ€environment relationships along fine to broad taxonomic resolutions reveals evolutionary forces underlying community assembly. <i>ISME Journal</i> , 2016, 10, 2867-2878.	4.4	31
26	Taxonomic revision of the fossil genera <i>Bulimactaeon</i> , <i>Hemiauricula</i> (= <i>Liocarenus</i> ) and <i>Nucleopsis</i> , with description of a new Recent genus and species (Gastropoda: Heterobranchia: Acteonidae). <i>Journal of Molluscan Studies</i> , 2016, 82, 472-483.	0.4	5
27	Historical relationships of areas of endemism of the Brazilian Atlantic rain forest: a cladistic biogeographic analysis of harvestman taxa (Arachnida: Opiliones). <i>Environmental Epigenetics</i> , 2016, 63, zow092.	0.9	28
28	A native and an invasive dune grass share similar, patchily distributed, root-associated fungal communities. <i>Fungal Ecology</i> , 2016, 23, 141-155.	0.7	14
29	Structure and Functioning of Dryland Ecosystems in a Changing World. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2016, 47, 215-237.	3.8	330
30	Urban park soil microbiomes are a rich reservoir of natural product biosynthetic diversity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 14811-14816.	3.3	89
31	Crucial role of belowground biodiversity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 7682-7685.	3.3	21
32	Inferring neutral biodiversity parameters using environmental DNA data sets. <i>Scientific Reports</i> , 2016, 6, 35644.	1.6	13
34	Microbes Should Be Central to Ecological Education and Outreach. <i>Journal of Microbiology and Biology Education</i> , 2016, 17, 23-28.	0.5	14
35	Infection with a Shoot-Specific Fungal Endophyte ( <i>Epichloa</i> ) Alters Tall Fescue Soil Microbial Communities. <i>Microbial Ecology</i> , 2016, 72, 197-206.	1.4	67
36	An introduction to plant phylogenomics with a focus on palms. <i>Botanical Journal of the Linnean Society</i> , 2016, 182, 234-255.	0.8	42
37	Mapping and validating predictions of soil bacterial biodiversity using European and national scale datasets. <i>Applied Soil Ecology</i> , 2016, 97, 61-68.	2.1	62

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39	Open-Source Sequence Clustering Methods Improve the State Of the Art. <i>MSystems</i> , 2016, 1, .	1.7	155
40	Abundance and Diversity of Bacterial, Archaeal, and Fungal Communities Along an Altitudinal Gradient in Alpine Forest Soils: What Are the Driving Factors?. <i>Microbial Ecology</i> , 2016, 72, 207-220.	1.4	309
41	Tools for the Microbiome: Nano and Beyond. <i>ACS Nano</i> , 2016, 10, 6-37.	7.3	137
42	Urban stress is associated with variation in microbial species compositionâ€”but not richnessâ€”in Manhattan. <i>ISME Journal</i> , 2016, 10, 751-760.	4.4	86
43	Tree diversity and species identity effects on soil fungi, protists and animals are context dependent. <i>ISME Journal</i> , 2016, 10, 346-362.	4.4	307
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48	Urbanization erodes ectomycorrhizal fungal diversity and may cause microbial communities to converge. <i>Nature Ecology and Evolution</i> , 2017, 1, 123.	3.4	76
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51	Scattered far and wide: A broadly distributed temperate dune grass finds familiar fungal root associates in its invasive range. <i>Soil Biology and Biochemistry</i> , 2017, 112, 177-190.	4.2	8
52	Consequences of tropical forest conversion to oil palm on soil bacterial community and network structure. <i>Soil Biology and Biochemistry</i> , 2017, 112, 258-268.	4.2	60
53	Relic DNA is abundant in soil and obscures estimates of soil microbial diversity. <i>Nature Microbiology</i> , 2017, 2, 16242.	5.9	660
54	Embracing the unknown: disentangling the complexities of the soil microbiome. <i>Nature Reviews Microbiology</i> , 2017, 15, 579-590.	13.6	2,087
55	Soil microbial communities drive the resistance of ecosystem multifunctionality to global change in drylands across the globe. <i>Ecology Letters</i> , 2017, 20, 1295-1305.	3.0	285
56	Speciation below ground: Tempo and mode of diversification in a radiation of endogean ground beetles. <i>Molecular Ecology</i> , 2017, 26, 6053-6070.	2.0	17

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62	Highly diverse urban soil communities: Does stochasticity play a major role?. <i>Applied Soil Ecology</i> , 2017, 110, 73-78.	2.1	19
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64	Sampling Terrestrial Environments for Bacterial Polyketides. <i>Molecules</i> , 2017, 22, 707.	1.7	10
65	Palaeoclimate explains a unique proportion of the global variation in soil bacterial communities. <i>Nature Ecology and Evolution</i> , 2017, 1, 1339-1347.	3.4	70
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67	Nitrogen enrichment suppresses other environmental drivers and homogenizes salt marsh leaf microbiome. <i>Ecology</i> , 2018, 99, 1411-1418.	1.5	13
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78	Tales from the tomb: the microbial ecology of exposed rock surfaces. <i>Environmental Microbiology</i> , 2018, 20, 958-970.	1.8	63
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87	Microbial biogeography of 925 geothermal springs in New Zealand. <i>Nature Communications</i> , 2018, 9, 2876.	5.8	163
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89	Effects on survival and bacterial community composition of the aquaculture water and gastrointestinal tract of shrimp ( <i>Litopenaeus vannamei</i> ) exposed to probiotic treatments after an induced infection of acute hepatopancreatic necrosis disease. <i>Aquaculture Research</i> , 2018, 49, 3270-3288.	0.9	28
90	Patterns of protist diversity associated with raw sewage in New York City. <i>ISME Journal</i> , 2019, 13, 2750-2763.	4.4	33
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#	ARTICLE	IF	CITATIONS
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106	Evaluating the effects of canine urine on urban soil microbial communities. <i>Urban Ecosystems</i> , 2019, 22, 721-732.	1.1	7
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109	Divergent national-scale trends of microbial and animal biodiversity revealed across diverse temperate soil ecosystems. <i>Nature Communications</i> , 2019, 10, 1107.	5.8	104
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#	ARTICLE	IF	CITATIONS
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121	Climatic vulnerabilities and ecological preferences of soil invertebrates across biomes. <i>Molecular Ecology</i> , 2020, 29, 752-761.	2.0	29
122	The Future of Environmental DNA in Forensic Science. <i>Applied and Environmental Microbiology</i> , 2020, 86, .	1.4	27
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125	Oil gland and oil pores in billfishes: in search of a function. <i>Journal of Experimental Biology</i> , 2020, 223, .	0.8	3
126	Role of environmental factors in shaping the soil microbiome. <i>Environmental Science and Pollution Research</i> , 2020, 27, 41225-41247.	2.7	68
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135	Bacterial and archaeal taxa are reliable indicators of soil restoration across distributed calcareous grasslands. <i>European Journal of Soil Science</i> , 2021, 72, 2430-2444.	1.8	12
136	The limited spatial scale of dispersal in soil arthropods revealed with whole- $\epsilon$ community haplotype-level metabarcoding. <i>Molecular Ecology</i> , 2021, 30, 48-61.	2.0	49
137	Reclamation of desert land to different land-use types changes soil bacterial community composition in a desert-oasis ecotone. <i>Land Degradation and Development</i> , 2021, 32, 1389-1399.	1.8	17
138	The spatial variation of soil bacterial community assembly processes affects the accuracy of source tracking in ten major Chinese cities. <i>Science China Life Sciences</i> , 2021, 64, 1546-1559.	2.3	14
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145	Inverse hydrogen isotope fractionation indicates heterotrophic microbial production of long-chain $\alpha$ -alkyl lipids in desolate Antarctic ponds. <i>Geobiology</i> , 2021, 19, 394-404.	1.1	10
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148	Diversity patterns and drivers of soil microbial communities in urban and suburban park soils of Shanghai, China. <i>PeerJ</i> , 2021, 9, e11231.	0.9	7
149	Effects of Flurochloridone Application on Rhizosphere Soil Fungal Community and Composition in Potato Growing Areas of the Qinghai-Tibet Plateau. <i>Journal of Fungi (Basel, Switzerland)</i> , 2021, 7, 420.	1.5	2

#	ARTICLE	IF	CITATIONS
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159	The ecosystem services of urban soils: A review. <i>Geoderma</i> , 2021, 395, 115076.	2.3	62
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161	A cultural ecosystem service perspective on the interactions between humans and soils in gardens. <i>People and Nature</i> , 2021, 3, 1025-1035.	1.7	3
163	VNIR and MIR spectroscopy of PLFA-derived soil microbial properties and associated soil physicochemical characteristics in an experimental plant diversity gradient. <i>Soil Biology and Biochemistry</i> , 2021, 160, 108319.	4.2	9
164	Toward a Global Ecology of Fermented Foods. <i>Current Anthropology</i> , 2021, 62, S220-S232.	0.8	11
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167	Insights into the roles of fungi and protist in the giant panda gut microbiome and antibiotic resistome. <i>Environment International</i> , 2021, 155, 106703.	4.8	26
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170	Soil metagenomics in grasslands and forests – A review and bibliometric analysis. <i>Applied Soil Ecology</i> , 2021, 167, 104047.	2.1	14

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