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**Distance-based multivariate analyses confound location and dispersion effects**

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601	Multiple nutrients control threatened grassland vegetation in eastern South Africa. <b>2017</b> , 112, 225-236	4
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599	Biodiversity benefits for saproxylic beetles with uneven-aged silviculture. <b>2017</b> , 402, 37-50	13
598	Evaluating the relationship between spatial heterogeneity and temporal variability of larval fish assemblages in a coastal marine ecosystem (Haizhou Bay, China). <b>2017</b> , 38, e12446	2
597	Forest restoration by burning and gap cutting of voluntary set-asides yield distinct immediate effects on saproxylic beetles. <b>2017</b> , 26, 1623-1640	19
596	Loss of Southern Arrowwoods ( <i>Viburnum dentatum</i> ) Is Associated With Changes In Species Composition and Mass Gain By Spring Migrants Using Early Successional Habitat. <b>2017</b> , 129, 247-258	4
595	Seasonal and diel variations in the activity of canopy insect herbivores differ between deciduous and evergreen plant species in a tropical dry forest. <b>2017</b> , 21, 667-676	13
594	Thirty years of change in a benthic macroinvertebrate community of southwestern Lake Ontario after invasion by four Ponto-Caspian species. <b>2017</b> , 36, 90-102	9
593	Generalized joint attribute modeling for biodiversity analysis: median-zero, multivariate, multifarious data. <b>2017</b> , 87, 34-56	104
592	Model-based simultaneous clustering and ordination of multivariate abundance data in ecology. <b>2017</b> , 105, 1-10	7
591	Plant litter mixture partly mitigates the negative effects of extended drought on soil biota and litter decomposition in a Mediterranean oak forest. <b>2017</b> , 105, 801-815	58

590	Habitat structure shaping megabenthic communities inhabiting subtidal soft bottoms along the Algarve coast (Portugal). <b>2017</b> , 784, 249-264	7
589	A comparative study of inorganic elements in the blood of male and female Caspian pond turtles ( <i>Mauremys caspica</i> ) from the southern basin of the Caspian Sea. <b>2017</b> , 24, 24965-24979	2
588	The Effect of Increased Loads of Dissolved Organic Matter on Estuarine Microbial Community Composition and Function. <b>2017</b> , 8, 351	48
587	Distance, dissimilarity, and mean-variance ratios in ordination. <i>Methods in Ecology and Evolution</i> , <b>2017</b> , 8, 1398-1407	7-7 9
586	Microbial communities in sediment from patches, but not the leaf or root microbiomes, vary in relation to distance from patch edge. <b>2017</b> , 5, e3246	64
585	A Generalized Estimating Equation Approach to Multivariate Adaptive Regression Splines. <b>2018</b> , 27, 245-253	10
584	Pitcher plant facilitates prey capture in a sympatric congener. <b>2018</b> , 219, 299-311	7
583	Grazer responses to variable macroalgal resource conditions facilitate habitat structuring. <b>2018</b> , 5, 171428	13
582	Ecological Value of Native Plant Cultivars Versus Wild-Type Native Plants for Promoting Hemipteran Diversity in Suburban Areas. <b>2018</b> , 47, 890-901	2
581	Profiles of commensal and opportunistic bacteria in human milk from healthy donors in Taiwan. <b>2018</b> , 26, 1235-1244	33
580	The effects of host species and sexual dimorphism differ among root, leaf and flower microbiomes of wild strawberries in situ. <b>2018</b> , 8, 5195	27
579	Comparing colors using visual models. <b>2018</b> , 29, 649-659	43
578	Shifts in phytoplankton community structure in response to hydrological changes in the shallow St Lucia Estuary. <b>2018</b> , 128, 275-286	11
577	Differentiated surface fungal communities at point of harvest on apple fruits from rural and peri-urban orchards. <b>2018</b> , 8, 2165	18
576	Multiple colonist pools shape fiddler crab-associated bacterial communities. <b>2018</b> , 12, 825-837	14
575	Linking macrodetritivore distribution to desiccation resistance in small forest fragments embedded in agricultural landscapes in Europe. <b>2018</b> , 33, 407-421	15
574	Stochastic processes govern bacterial communities from the blood of pikas and from their arthropod vectors. <b>2018</b> , 94,	10
573	Long-term assessment of ichthyoplankton in a large North American river system reveals changes in fish community dynamics. <b>2018</b> , 75, 2255-2270	6

572	Oyster microbial communities and implications for chalky deposit formation. <b>2018</b> , 816, 121-135	7
571	Present conditions may mediate the legacy effect of past land-use changes on species richness and composition of above- and below-ground assemblages. <b>2018</b> , 106, 306-318	15
570	Effect of Simulated Climate Warming on the Ectomycorrhizal Fungal Community of Boreal and Temperate Host Species Growing Near Their Shared Ecotonal Range Limits. <b>2018</b> , 75, 348-363	21
569	A GLM-based latent variable ordination method for microbiome samples. <b>2018</b> , 74, 448-457	17
568	Long-term nutrient addition alters arthropod community composition but does not increase total biomass or abundance. <b>2018</b> , 127, 460-471	4
567	Development and Assessment of Fully Automated and Globally Transitive Geometric Morphometric Methods, With Application to a Biological Comparative Dataset With High Interspecific Variation. <b>2018</b> , 301, 636-658	20
566	Elevation modulates how Arctic arthropod communities are structured along local environmental gradients. <b>2018</b> , 41, 1555-1565	17
565	Habitat structural complexity metrics improve predictions of fish abundance and distribution. <b>2018</b> , 41, 1077-1091	41
564	Ocean acidification alters zooplankton communities and increases top-down pressure of a cubozoan predator. <b>2018</b> , 24, e128-e138	8
563	Diverse invertebrate fauna using dry sediment as a refuge in semi-arid and temperate Australian rivers. <b>2018</b> , 806, 95-109	7
562	Introduced and native herbivores have different effects on plant composition in low productivity ecosystems. <b>2018</b> , 21, 45-54	18
561	Limited Effects of Variable-Retention Harvesting on Fungal Communities Decomposing Fine Roots in Coastal Temperate Rainforests. <b>2018</b> , 84,	8
560	Dry and wet periods drive rapid shifts in community assembly in an estuarine ecosystem. <b>2018</b> , 24, e627-e642	22
559	Macrophyte and macroinvertebrate patterns in unimpacted mountain rivers of two European ecoregions. <b>2018</b> , 808, 327-342	8
558	Why you cannot transform your way out of trouble for small counts. <b>2018</b> , 74, 362-368	26
557	Modelling Palaeoecological Time Series Using Generalised Additive Models. <b>2018</b> , 6,	123
556	Influence of habitat connectivity and seasonality on the ichthyofauna structure of a riverine knickzone. <b>2018</b> , 108,	0
555	Spatially Structured Communities. <b>2018</b> , 419-474	

554	Effects from structure of Metabarcoding Sequences on Lossy Analysis of Microbiome Data. <b>2018,</b>	
553	Benefits of procyanidins on gut microbiota in Bama minipigs and implications in replacing antibiotics. <b>2018, 19, 798-807</b>	1
552	On the Art of Classification in Spatial Ecology: Fuzziness as an Alternative for Mapping Uncertainty. <b>2018, 6,</b>	5
551	A statistical test and sample size recommendations for comparing community composition following PCA. <b>2018, 13, e0206033</b>	4
550	Evaluation of anuran diversity and success in tertiary wastewater treatment wetlands. <b>2018, 33, 475-488</b>	2
549	Can forest structural diversity be a response to anthropogenic stress? A case study in old-growth fir <i>Abies alba</i> Mill. stands. <b>2018, 75, 1</b>	3
548	Genetic diversity of populations of the dioecious <i>Myrsine coriacea</i> (Primulaceae) in the Atlantic Forest. <b>2018, 32, 376-385</b>	4
547	The impact of anthropogenically induced degradation on the vegetation and biochemistry of South African palmiet wetlands. <b>2018, 26, 1157-1171</b>	2
546	Belowground fungal community diversity and composition associated with Norway spruce along an altitudinal gradient. <b>2018, 13, e0208493</b>	12
545	Response of arthropod communities to plant-community rehabilitation efforts after strip mining on the semi-arid west coast of South Africa§§ This article is from the Karoo Special Issue: Trajectories of Change in the Anthropocene□ <b>2018, 35, 375-385</b>	4
544	Effects of Organic Pollutants on Bacterial Communities Under Future Climate Change Scenarios. <b>2018, 9, 2926</b>	16
543	Interactions between soil properties, soil microbes and plants in remnant-grassland and old-field areas: a reciprocal transplant approach. <b>2018, 433, 127-145</b>	21
542	Multivariate Community Analysis. <b>2018, 285-330</b>	1
541	Effects of antibiotic on microflora in ileum and cecum for broilers by 16S rRNA sequence analysis. <b>2018, 89, 1680-1691</b>	9
540	Assessing the Species Richness of Afrotropical Ichneumonid Wasps with Randomly Placed Traps Provides Ecologically Informative Data. <b>2018, 26, 350-358</b>	2
539	Effects of Chloramine and Coupon Material on Biofilm Abundance and Community Composition in Bench-Scale Simulated Water Distribution Systems and Comparison with Full-Scale Water Mains. <b>2018, 52, 13077-13088</b>	25
538	The intersection of diversity metrics and spatial mapping: a case study of regional vegetation patterns for a complex community. <b>2018, 219, 1169-1183</b>	5
537	RRPP: An r package for fitting linear models to high-dimensional data using residual randomization. <i>Methods in Ecology and Evolution</i> , <b>2018, 9, 1772-1779</b>	7.7 184

536	Uncovering the drivers of host-associated microbiota with joint species distribution modelling. <b>2018</b> , 27, 2714-2724	26
535	Long-term regeneration of a tropical plant community after sand mining. <b>2018</b> , 8, 5712-5723	4
534	Climate and land use change impacts on Mediterranean high-mountain vegetation in the Apennines since the 1950s. <b>2018</b> , 11, 85-96	22
533	Compositional shifts in the surface fungal communities of apple fruits during cold storage. <b>2018</b> , 144, 55-62	28
532	The effect of hypoxia and flow decrease in macroinvertebrate functional responses: A trait-based approach to multiple-stressors in mesocosms. <b>2018</b> , 637-638, 647-656	19
531	Bacterial endophyte communities in <i>Pinus flexilis</i> are structured by host age, tissue type, and environmental factors. <b>2018</b> , 428, 335-352	16
530	Symbols in motion: Flexible cultural boundaries and the fast spread of the Neolithic in the western Mediterranean. <b>2018</b> , 13, e0196488	23
529	Forest management strategy affects saproxylic beetle assemblages: A comparison of even and uneven-aged silviculture using direct and indirect sampling. <b>2018</b> , 13, e0194905	6
528	Native bacteria promote plant growth under drought stress condition without impacting the rhizomicrobiome. <b>2018</b> , 94,	26
527	The benthic Copepoda (Crustacea) of Anaximenes Seamount (eastern Mediterranean Sea) Community structure and species distribution. <b>2018</b> , 165, 299-316	9
526	Phytoplankton response to a weak El Niño event. <b>2018</b> , 95, 394-404	7
525	A comparison of prokaryotic symbiont communities in nonnative and native ascidians from reef and harbor habitats. <b>2018</b> , 94,	8
524	High resilience of harpacticoid copepods in the landward slope of the Japan Trench against disturbance of the 2011 Tohoku Earthquake. <b>2018</b> , 63, 2751-2761	3
523	Current Challenges in Plant Eco-Metabolomics. <b>2018</b> , 19,	63
522	Male Scent Gland Signals Mating Status in Greater Spear-Nosed Bats, <i>Phyllostomus hastatus</i> . <b>2018</b> , 44, 975-986	7
521	Boreal <i>Picea abies</i> Mires of Finland: Cajanderian Site Types and Compositional Gradients in Relation to Species Richness. <b>2018</b> , 55, 105-120	1
520	Comparative study on the gut microbiotas of four economically important Asian carp species. <b>2018</b> , 61, 696-705	24
519	Unwinding a Tangled Web: a Fine-Scale Approach towards Understanding the Drivers of Harmful Algal Bloom Species in a Eutrophic South African Estuary. <b>2018</b> , 41, 1356-1369	17



518	Fungal Communities Along a Small-Scale Elevational Gradient in an Alpine Tundra Are Determined by Soil Carbon Nitrogen Ratios. <b>2018</b> , 9, 1815	34
517	Variation in Tree Community Composition and Carbon Stock under Natural and Human Disturbances in Andean Forests, Peru. <b>2018</b> , 9, 390	4
516	Diet simplification selects for high gut microbial diversity and strong fermenting ability in high-altitude pikas. <b>2018</b> , 102, 6739-6751	40
515	Long-term in situ permafrost thaw effects on bacterial communities and potential aerobic respiration. <b>2018</b> , 12, 2129-2141	42
514	Associations between sexual habits, menstrual hygiene practices, demographics and the vaginal microbiome as revealed by Bayesian network analysis. <b>2018</b> , 13, e0191625	55
513	Fruiting patterns of macrofungi in tropical and temperate land use types in Yunnan Province, China. <b>2018</b> , 91, 7-15	1
512	Gene(s) and individual feeding behavior: Exploring eco-evolutionary dynamics underlying left-right asymmetry in the scale-eating cichlid fish. <b>2018</b> , 8, 5495-5507	3
511	Changes in desert avifauna associated with the functional extinction of a terrestrial top predator. <b>2019</b> , 42, 67-76	8
510	Comparative analysis of the gut microbial communities between two dominant amphipods from the Challenger Deep, Mariana Trench. <b>2019</b> , 151, 103081	7
509	Indirect commensalism between an introduced apex predator and a native avian predator. <b>2019</b> , 28, 2687-2700	5
508	Phytoplankton responses to adaptive management interventions in eutrophic urban estuaries. <b>2019</b> , 693, 133601	17
507	Are traded forest tree seeds a potential source of nonnative pests?. <b>2019</b> , 29, e01971	18
506	Anthropogenic debris accumulated in nests of seabirds in an uninhabited island in West Africa. <b>2019</b> , 236, 586-592	16
505	Inconspicuous impacts: Widespread marine invader causes subtle but significant changes in native macroalgal assemblages. <b>2019</b> , 10, e02814	6
504	Detrital traits affect substitutability of a range-expanding foundation species across latitude. <b>2019</b> , 128, 1367-1380	6
503	Variation in milk, serum, and blubber fatty acids in young, free-ranging Steller sea lions. <b>2019</b> , 35, 909-933	0
502	Composition of soil organic matter drives total loss of dieldrin and dichlorodiphenyltrichloroethane in high-value pastures over thirty years. <b>2019</b> , 691, 135-145	7
501	Diatoms associated with two South African kelp species: <i>Ecklonia maxima</i> and <i>Laminaria pallida</i> . <b>2019</b> , 41, 221-229	6

500	Contrasting responses of diazotrophic specialists, opportunists, and generalists to steppe types in Inner Mongolia. <b>2019</b> , 182, 104168	2
499	Trait-based life-history strategies explain succession scenario for complex bacterial communities under varying disturbance. <b>2019</b> , 21, 3751-3764	12
498	Spatial distribution of freshwater crustaceans in Antarctic and Subantarctic lakes. <b>2019</b> , 9, 7928	7
497	Biochar and high-carbon wood ash effects on soil and vegetation in a boreal clearcut. <b>2019</b> , 49, 1124-1134	20
496	The accumulation of species and recovery of species composition along a 70 year succession in a tropical secondary forest. <b>2019</b> , 106, 105524	11
495	The Chinese Herbal Formula Shenzhu Tiaopi Granule Results in Metabolic Improvement in Type 2 Diabetic Rats by Modulating the Gut Microbiota. <b>2019</b> , 2019, 6976394	14
494	Reef condition and protection of coral diversity and evolutionary history in the marine protected areas of Southeastern Dominican Republic. <b>2019</b> , 32, 100893	4
493	Vegetation development in a stormwater management system designed to enhance ecological qualities. <b>2019</b> , 46, 126463	3
492	Fungal control of early-stage bacterial community development in decomposing wood. <b>2019</b> , 42, 100868	6
491	Analysis of the Gut Microbiome of Wild and Captive Père David's Deer. <b>2019</b> , 10, 2331	12
490	Digging mammal reintroductions reduce termite biomass and alter assemblage composition along an aridity gradient. <b>2019</b> , 191, 645-656	2
489	Surface roots as a new ecological zone for occurrence of vascular epiphytes: a case study on Pseudobombax trees on inselbergs. <b>2019</b> , 220, 1071-1084	4
488	Fungal Diversity in Intertidal Mudflats and Abandoned Solar Salterns as a Source for Biological Resources. <b>2019</b> , 17,	7
487	Surviving in the shadows: Light responses of co-occurring Rubiaceae species within a tropical forest understory. <b>2019</b> , 261, 151487	4
486	Defining the twig fungal communities of Fraxinus species and Fraxinus excelsior genotypes with differences in susceptibility to ash dieback. <b>2019</b> , 42, 100859	5
485	gllvm: Fast analysis of multivariate abundance data with generalized linear latent variable models in r. <i>Methods in Ecology and Evolution</i> , <b>2019</b> , 10, 2173-2182	7-7 33
484	Echolocation and roosting ecology determine sensitivity of forest-dependent bats to coffee agriculture. <b>2019</b> , 51, 757-768	8
483	Root-Associated Microbial Communities of : Insights Into Interactions of Microbial Communities With Antioxidative Enzymes and Plant Growth. <b>2019</b> , 10, 1937	11

482	Long-Term N Fertilization Decreased Diversity and Altered the Composition of Soil Bacterial and Archaeal Communities. <b>2019</b> , 9, 574	8
481	Comparison of bivalve communities between moulting and wintering areas used by Common Scoter <i>Melanitta nigra</i> in the German North Sea. <b>2019</b> , 229, 106398	2
480	A re-examination of the relationship between Steller sea lion ( <i>Eumetopias jubatus</i> ) diet and population trend using data from the Aleutian Islands. <b>2019</b> , 97, 1137-1155	6
479	The devil is in the detail: Metabarcoding of arthropods provides a sensitive measure of biodiversity response to forest stand composition compared with surrogate measures of biodiversity. <b>2019</b> , 101, 313-323	28
478	Genomic diversity landscape of the honey bee gut microbiota. <b>2019</b> , 10, 446	93
477	Dominant tree species drive beta diversity patterns in western Amazonia. <b>2019</b> , 100, e02636	13
476	Intestinal Morphologic and Microbiota Responses to Dietary spp. in a Broiler Chicken Model. <b>2018</b> , 9, 1968	42
475	Climate Indices, Water Temperature, and Fishing Predict Broad Scale Variation in Fishes on Temperate Reefs. <b>2019</b> , 6,	6
474	Reversing Mesophication Effects on Understory Woody Vegetation in Mid-Southern Oak Forests. <b>2019</b> , 65, 289-303	7
473	Efficient estimation of generalized linear latent variable models. <b>2019</b> , 14, e0216129	21
472	Analyzing community structure subject to incomplete sampling: hierarchical community model vs. canonical ordinations. <b>2019</b> , 100, e02759	5
471	Impact of ZnO nanoparticles on the antibiotic resistance genes (ARGs) in estuarine water: ARG variations and their association with the microbial community. <b>2019</b> , 6, 2405-2419	15
470	Community Structure of Bacteria Associated With Drifting , the Causative Species of Golden Tide in the Yellow Sea. <b>2019</b> , 10, 1192	9
469	Good neighbors aplenty: fungal endophytes rarely exhibit competitive exclusion patterns across a span of woody habitats. <b>2019</b> , 100, e02790	11
468	Proteomic Investigation of a Diseased Gorgonian Coral Indicates Disruption of Essential Cell Function and Investment in Inflammatory and Other Immune Processes. <b>2019</b> , 59, 830-844	5
467	UNVEILING THE CONSEQUENCES OF ENVIRONMENTAL VARIATION AND SPECIES ABUNDANCES ON BEACH TAPHOFACIES IN BAHAMAS: THE ROLE OF CEMENTATION AND EXHUMATION. <b>2019</b> , 34, 300-316	
466	Utility-scale solar energy facilities Æffects on invertebrates in an arid environment. <b>2019</b> , 168, 1-8	4
465	The diversity of benthic diatoms affects ecosystem productivity in heterogeneous coastal environments. <b>2019</b> , 100, e02765	16

464	Dynamic Alterations in the Gut Microbiota of Collagen-Induced Arthritis Rats Following the Prolonged Administration of Total Glucosides of Paeony. <b>2019</b> , 9, 204	16
463	The Variation of Nasal Microbiota Caused by Low Levels of Gaseous Ammonia Exposure in Growing Pigs. <b>2019</b> , 10, 1083	11
462	Bacterial Community Dynamics in an Oyster Hatchery in Response to Probiotic Treatment. <b>2019</b> , 10, 1060	14
461	Community reestablishment and poor body conditions of small mammal assemblages in subtropical afforested ecosystems. <b>2019</b> , 135, 1-7	6
460	Feeding preferences in dry season of the Italian hare ( <i>Lepus corsicanus</i> ) in two sites of Corsica. <b>2019</b> , 65, 1	5
459	<i>Ageratina adenophora</i> invasions are associated with microbially mediated differences in biogeochemical cycles. <b>2019</b> , 677, 47-56	20
458	Microbial mechanisms in the reduction of CH <sub>4</sub> emission from double rice cropping system amended by biochar: A four-year study. <b>2019</b> , 135, 251-263	43
457	Discovering biogeographic and ecological clusters with a graph theoretic spin on factor analysis. <b>2019</b> , 42, 1504-1513	0
456	Multi-scalar drivers of biodiversity: local management mediates wild bee community response to regional urbanization. <b>2019</b> , 29, e01869	20
455	Method-dependent influence of environmental variables on reef fish assemblages when comparing trap and video surveys. <b>2019</b> , 40, e12538	3
454	Interactive community responses to disturbance in streams: disturbance history moderates the influence of disturbance types. <b>2019</b> , 128, 1170-1181	7
453	A unified framework for unconstrained and constrained ordination of microbiome read count data. <b>2019</b> , 14, e0205474	7
452	Ecological Metabolomics: Challenges and Perspectives. <b>2019</b> , 293-378	
451	W -test: robust distance-based multivariate analysis of variance. <b>2019</b> , 7, 51	15
450	Moths in the Pyrenees: spatio-temporal patterns and indicators of elevational assemblages. <b>2019</b> , 28, 1593-1610	0
449	Macrobenthic Assemblages of Intertidal Flats in Southern Patagonia, Argentina. <b>2019</b> , 35, 689-705	
448	Dissimilar responses of fungal and bacterial communities to soil transplantation simulating abrupt climate changes. <b>2019</b> , 28, 1842-1856	9
447	Comparison of Subtyping Approaches and the Underlying Drivers of Microbial Signatures for Chronic Rhinosinusitis. <b>2019</b> , 4,	11

446	Effects of micro-/nano-hydroxyapatite and phytoremediation on fungal community structure in copper contaminated soil. <b>2019</b> , 174, 100-109	21
445	Frequency of disturbance alters diversity, function, and underlying assembly mechanisms of complex bacterial communities. <b>2019</b> , 5, 8	34
444	Characterization of the Mycobiome of the Seagrass, , Reveals Putative Associations With Marine Chytrids. <b>2019</b> , 10, 2476	16
443	Differential Occupation of Available Coral Hosts by Coral-Dwelling Damselfish (Pomacentridae) on Australia's Great Barrier Reef. <b>2019</b> , 11, 219	
442	Using baited remote underwater videos (BRUVs) to characterize chondrichthyan communities in a global biodiversity hotspot. <b>2019</b> , 14, e0225859	13
441	High-starch diets alter equine faecal microbiota and increase behavioural reactivity. <b>2019</b> , 9, 18621	19
440	Variation in trophic cascade strength is triggered by top-down process in an ant-wasp-fig system. <b>2019</b> , 128, 185-195	2
439	Baseline assessment of benthic macroinvertebrate community structure and ecological water quality in Rwenzori rivers (Albertine rift valley, Uganda) using biotic-index tools. <b>2019</b> , 75, 1-10	8
438	Effects of environmental factors on benthic species in a coastal wetland by redundancy analysis. <b>2019</b> , 169, 37-49	8
437	Heat-killed lactobacilli alter both microbiota composition and behaviour. <b>2019</b> , 362, 213-223	42
436	Soil available phosphorus content drives the spatial distribution of archaeal communities along elevation in acidic terrace paddy soils. <b>2019</b> , 658, 723-731	11
435	Assessment of biogas production and microbial ecology in a high solid anaerobic digestion of major California food processing residues. <b>2019</b> , 5, 1-11	17
434	MB2003 Competes Effectively for Soluble Sugars Released by B316 during Growth on Xylan or Pectin. <b>2019</b> , 85,	15
433	Preferences for anuran calls in hematophagous corethrellids (Diptera: Corethrellidae) from Southern Brazil. <b>2019</b> , 58, 622-628	4
432	Legacy effects of logging on boreal forest understory vegetation communities in decadal time scales in northern Finland. <b>2019</b> , 436, 11-20	9
431	Moth responses to sympathetic hedgerow management in temperate farmland. <b>2019</b> , 270-271, 55-64	8
430	A century of change in North Sea plankton communities explored through integrating historical datasets. <b>2019</b> , 76, 104-112	2
429	How does experimental selective timber harvesting affect invertebrate diversity across different spatial scales in subtropical streams?. <b>2019</b> , 98, 723-735	3

428	Effects of <i>Panax ginseng</i> polysaccharides on the gut microbiota in mice with antibiotic-associated diarrhea. <b>2019</b> , 124, 931-937	49
427	PER-SIMPERA new tool for inferring community assembly processes from taxon occurrences. <b>2019</b> , 28, 374-385	15
426	Highly competitive fungi manipulate bacterial communities in decomposing beech wood ( <i>Fagus sylvatica</i> ). <b>2019</b> , 95,	16
425	Pigeon odor varies with experimental exposure to trace metal pollution. <b>2019</b> , 28, 76-85	2
424	The crab spider-pitcher plant relationship is a nutritional mutualism that is dependent on prey-resource quality. <b>2019</b> , 88, 102-113	7
423	Survey of fishes within a restored mangrove habitat of a subtropical bay. <b>2020</b> , 244, 106021	3
422	Modern Tapirs as Morphofunctional Analogues for Locomotion in Endemic Eocene European Perissodactyls. <b>2020</b> , 27, 245-263	1
421	Isolation of virulent phages infecting dominant mesophilic aerobic bacteria in cucumber pickle fermentation. <b>2020</b> , 86, 103330	17
420	Natural and anthropogenic factors influencing abundance of the benthic macrofauna along the shelf and slope of the Gulf of Guinea, a large marine ecosystem off West Africa. <b>2020</b> , 62, 83-100	6
419	MIMIX: A Bayesian Mixed-Effects Model for Microbiome Data From Designed Experiments. <b>2020</b> , 115, 599-609	10
418	Structured exercise alters the gut microbiota in humans with overweight and obesity-A randomized controlled trial. <b>2020</b> , 44, 125-135	34
417	Ambient temperature alters body size and gut microbiota of <i>Xenopus tropicalis</i> . <b>2020</b> , 63, 915-925	6
416	The Diversity of Associated Microorganisms in Different Organs and Rhizospheric Soil of <i>Arctium lappa</i> L. <b>2020</b> , 77, 746-754	2
415	Energetic and Environmental Constraints on the Community Structure of Benthic Microbial Mats in Lake Fryxell, Antarctica. <b>2020</b> , 96,	3
414	Bioregions in Marine Environments: Combining Biological and Environmental Data for Management and Scientific Understanding. <b>2020</b> , 70, 48-59	6
413	Artificial light at night erases positive interactions across trophic levels. <b>2020</b> , 34, 694-706	13
412	Spatially heterogeneous propionate conversion towards electricity in bioelectrochemical systems. <b>2020</b> , 449, 227557	9
411	Bend-induced sediment redistribution regulates deterministic processes and stimulates microbial nitrogen removal in coarse sediment regions of river. <b>2020</b> , 170, 115315	16

410	You must choose, but choose wisely: Model-based approaches for microbial community analysis. <b>2020</b> , 151, 108042	9
409	Redefining floristic zones in the Korean Peninsula using high-resolution georeferenced specimen data and self-organizing maps. <b>2020</b> , 10, 11549-11564	1
408	Effect of modified atmosphere packaging on shelf life and bacterial community of roast duck meat. <b>2020</b> , 137, 109645	13
407	Comparative Study on Soil Microbial Diversity and Structure Under Wastewater and Groundwater Irrigation Conditions. <b>2020</b> , 77, 3909-3918	2
406	Covariate-adjusted species response curves derived from long-term macroinvertebrate monitoring data using classical and contemporary model-based ordination methods. <b>2020</b> , 60, 101159	1
405	Baseline haematology, biochemistry, blood gas values and health status of the Galapagos swallow-tailed gull (). <b>2020</b> , 8, coaa064	
404	Structural and functional characteristics of the fecal-associated microbiome in dampness-heat constitution. <b>2020</b> , 37, 101166	1
403	Model-based ordination of pin-point cover data: Effect of management on dry heathland. <b>2020</b> , 60, 101155	3
402	In situ resistance, not immigration, supports invertebrate community resilience to drought intensification in a Neotropical ecosystem. <b>2021</b> , 90, 2015-2026	1
401	Carbon and nitrogen cycling in Yedoma permafrost controlled by microbial functional limitations. <b>2020</b> , 13, 794-798	8
400	Fish assemblages of three common artificial reef designs during early colonization. <b>2020</b> , 157, 105994	7
399	Biogeography of Micronekton Assemblages in the Natural Park of the Coral Sea. <b>2020</b> , 7,	3
398	Changes in aerobic fermentation and microbial community structure in food waste derived from different dietary regimes. <b>2020</b> , 317, 123948	5
397	WITHDRAWN: Fish assemblages of three common artificial reef designs during early colonization. <b>2020</b> , 100021	
396	Temporal stability of cavity-nesting bee and wasp communities in different types of reforestation in southeastern Amazonia. <b>2020</b> , 28, 1528-1540	2
395	Respiratory microbiota of humpback whales may be reduced in diversity and richness the longer they fast. <b>2020</b> , 10, 12645	3
394	Melatonin Alleviates Neuroinflammation and Metabolic Disorder in DSS-Induced Depression Rats. <b>2020</b> , 2020, 1241894	18
393	Seasonal abundance and diel behavior of roughneck shrimps (species of <i>Rimapenaeus</i> Pflöz Farfante & Kensley, 1997) (Decapoda: Dendrobranchiata: Penaeidae) in northwestern Florida Bay, Florida, USA. <b>2020</b> , 40, 498-511	0

392	An Assessment of the Influence of Host Species, Age, and Thallus Part on Kelp-Associated Diatoms. <b>2020</b> , 12, 385	1
391	Local management and landscape structure determine the assemblage patterns of spiders in vegetable fields. <b>2020</b> , 10, 15130	2
390	An observational field study of the cloacal microbiota in adult laying hens with and without access to an outdoor range. <b>2020</b> , 2, 28	6
389	Permafrost Microbial Community Structure Changes Across the Pleistocene-Holocene Boundary. <b>2020</b> , 8,	2
388	Persistence of microbial extracellular enzymes in soils under different temperatures and water availabilities. <b>2020</b> , 10, 10167-10176	6
387	The Impact of the Postpartum "Doing-the-Month" Practice on Human Milk Microbiota: A Pilot Study in Taiwan. <b>2020</b> , 8,	2
386	Facilitative priority effects drive parasite assembly under coinfection. <b>2020</b> , 4, 1510-1521	18
385	The structure of temperate yellowjacket communities is affected by land development and loss of forest cover. <b>2020</b> , 23, 269	
384	Vitamin A Deficiency in the Early-Life Periods Alters a Diversity of the Colonic Mucosal Microbiota in Rats. <b>2020</b> , 7, 580780	3
383	Light availability, soil phosphorus and different nitrogen forms negatively affect the functional diversity of subtropical forests. <b>2020</b> , 24, e01334	
382	Microbiomes of a specialist caterpillar are consistent across different habitats but also resemble the local soil microbial communities. <b>2020</b> , 2, 37	7
381	Moderate phosphorus additions consistently affect community composition of arbuscular mycorrhizal fungi in tropical montane forests in southern Ecuador. <b>2020</b> , 227, 1505-1518	10
380	How do microbiota associated with an invasive seaweed vary across scales?. <b>2020</b> , 29, 2094-2108	13
379	Community-level signatures of ecological succession in natural bacterial communities. <b>2020</b> , 11, 2386	15
378	Density and composition of surface and buried plastic debris in beaches of Senegal. <b>2020</b> , 737, 139633	13
377	An invasive fish promotes invasive plants in Minnesota lakes. <b>2020</b> , 65, 1608-1621	2
376	Correlation and association analyses in microbiome study integrating multiomics in health and disease. <b>2020</b> , 171, 309-491	24
375	Uncovering Effects from the Structure of Metabarcoding Sequences for Metagenetic and Microbiome Analysis. <b>2020</b> , 3,	2



374	Dynamic alterations in early intestinal development, microbiota and metabolome induced by feeding of -arginine in a layer chick model. <b>2020</b> , 11, 19	13
373	Structure and distribution of nitrite-dependent anaerobic methane oxidation bacteria vary with water tables in Zoige peatlands. <b>2020</b> , 96,	8
372	Regional assemblages shaped by historical and contemporary factors: Evidence from a species-rich insect group. <b>2020</b> , 29, 2492-2510	3
371	Changes in oak ( <i>Quercus robur</i> ) photosynthesis after winter moth ( <i>Operophtera brumata</i> ) herbivory are not explained by changes in chemical or structural leaf traits. <b>2020</b> , 15, e0228157	0
370	Analysis of by high-throughput sequencing: <i>Helicobacter pylori</i> infection and salivary microbiome. <b>2020</b> , 20, 84	7
369	Microecological Koch's postulates reveal that intestinal microbiota dysbiosis contributes to shrimp white feces syndrome. <b>2020</b> , 8, 32	56
368	Mild changes in the mucosal microbiome during terminal ileum inflammation. <b>2020</b> , 142, 104104	3
367	Distinct Characteristics of Bacterial Community in the Soil of Nanshazhou Island, South China Sea. <b>2020</b> , 77, 1292-1300	3
366	Dynamic distribution of gut microbiota during embryonic development in chicken. <b>2020</b> , 99, 5079-5090	10
365	Variations and Potential Factors of Gut Prokaryotic Microbiome During Spawning Migration in <i>Coilia nasus</i> . <b>2020</b> , 77, 2802-2812	2
364	Butterfly phenology in Mediterranean mountains using space-for-time substitution. <b>2020</b> , 10, 928-939	2
363	A Flexible Model-based Approach to Delineate Wildlife Management Units. <b>2020</b> , 44, 77-85	6
362	Response of bacterial communities and plant-mediated soil processes to nitrogen deposition and precipitation in a desert steppe. <b>2020</b> , 448, 277-297	5
361	Emerging Priorities for Microbiome Research. <b>2020</b> , 11, 136	50
360	Effects of ozone concentration on the postharvest quality and microbial diversity of Muscat Hamburg grapes.. <b>2020</b> , 10, 9037-9045	3
359	Reliable Phylogenetic Regressions for Multivariate Comparative Data: Illustration with the MANOVA and Application to the Effect of Diet on Mandible Morphology in Phyllostomid Bats. <b>2020</b> , 69, 927-943	14
358	Should ecologists prefer model- over distance-based multivariate methods?. <b>2020</b> , 10, 2417-2435	10
357	Whole genomic sequencing and sex-dependent abundance estimation of <i>Cardinium</i> sp., a common and hyperabundant bacterial endosymbiont of the American house dust mite, <i>Dermatophagoides farinae</i> . <b>2020</b> , 80, 363-380	7

356	Characterization of wild bee communities in apple and blueberry orchards. <b>2020</b> , 22, 157-168	2
355	Water dynamics and microbial communities of bigeye tuna ( <i>Thunnus obesus</i> ) during simulated cold chain logistics. <b>2020</b> , 40, e12766	2
354	Analysis of interdomain taxonomic patterns in urban street mats. <b>2020</b> , 22, 1280-1293	1
353	Implications of heathland management for ant species composition and diversity $\square$ s heathland management causing biotic homogenization?. <b>2020</b> , 242, 108422	0
352	The Gut Microbial Profile of Preclinical Crohn's Disease Is Similar to That of Healthy Controls. <b>2020</b> , 26, 1682-1690	0
351	Species specificity and intraspecific variation in the chemical profiles of butterflies across a large geographic range. <b>2020</b> , 10, 3895-3918	12
350	Hurricane-Mediated Shifts in a Subtropical Seagrass Associated Fish and Macroinvertebrate Community. <b>2020</b> , 43, 1174-1193	4
349	Deep-sea temperate-tropical faunal transition across uniform environmental gradients. <b>2020</b> , 161, 103283	4
348	Zooplankton community modulated by spatial and tidal changes in the Bah Blanca Estuary, Argentina. <b>2020</b> , 36, 101277	0
347	Predictive models of fish microhabitat selection in multiple sites accounting for abundance overdispersion. <b>2020</b> , 36, 1056-1075	1
346	Environmental control on the distribution of metabolic strategies of benthic microbial mats in Lake Fryxell, Antarctica. <b>2020</b> , 15, e0231053	4
345	The cell-surface protein composition of a coral symbiont, <i>Breviolum psygmophilum</i> , reveals a mechanism for host specificity and displays dynamic regulation during temperature stress. <b>2020</b> , 167, 1	2
344	Fecal-associated microbiome differences between traditional Chinese medicine qi-deficiency and balanced constitutions. <b>2020</b> , 7, 104-113	
343	Spatial variation in assemblages of Odonata (Insecta) within habitat gradients in large, pristine peat bogs in Belarus. <b>2021</b> , 76, 575-583	2
342	Resilient responses by bats to a severe wildfire: conservation implications. <b>2021</b> , 24, 470-481	6
341	Multiple stressors interact to impair the performance of bumblebee <i>Bombus terrestris</i> colonies. <b>2021</b> , 90, 415-431	10
340	Site preparation impacts on soil biotic and abiotic properties, weed control, and native grass establishment. <b>2021</b> , 29, e13297	2
339	Long-term river management legacies strongly alter riparian forest attributes and constrain restoration strategies along a large, multi-use river. <b>2021</b> , 279, 111630	3

338	Understory vegetation dynamics of Chinese fir plantations and natural secondary forests in subtropical China. <b>2021</b> , 483, 118750	12
337	Effects of fertilization and irrigation on vascular plant species richness, functional composition and yield in mountain grasslands. <b>2021</b> , 279, 111629	6
336	Assessing the effects of oil palm replanting on arthropod biodiversity. <b>2021</b> , 58, 27-43	1
335	Function of restored wetlands for waterbird conservation in the Yellow Sea coast. <b>2021</b> , 756, 144061	7
334	Anthropogenic litter is a novel habitat for aquatic macroinvertebrates in urban rivers. <b>2021</b> , 66, 524-534	8
333	Habitat amount and ambient temperature dictate patterns of anuran diversity along a subtropical elevational gradient. <b>2021</b> , 27, 344-359	3
332	The role of semi-open habitats as dispersal corridors for plant species of woodlands and open habitats. <b>2021</b> , 24, e12526	0
331	The ecology of Lepas-based biofouling communities on moored and drifting objects, with applications for marine forensic science. <b>2021</b> , 168, 1	2
330	Self-Crossing Leads to Weak Co-Variation of the Bacterial and Fungal Communities in the Rice Rhizosphere. <b>2021</b> , 9,	2
329	Direct effects influence larval salamander size and density more than indirect effects. <b>2021</b> , 195, 173-186	2
328	Effect of heavy metal-induced stress on two extremophilic microbial communities from Caviahue-Copahue, Argentina. <b>2021</b> , 268, 115709	0
327	Microbial community response to a decade of simulated global changes depends on the plant community. <b>2021</b> , 9,	2
326	Gut Microbiota Condition the Therapeutic Efficacy of Trastuzumab in HER2-Positive Breast Cancer. <b>2021</b> , 81, 2195-2206	12
325	Mucosal microbiome dysbiosis associated with duodenum bulb inflammation. <b>2021</b> , 150, 104711	1
324	First Report of Arthropod Fauna in Flooded Plains of Northern Patagonia (38° S, Araucania Region Chile). <b>2021</b> , 55, 121-126	0
323	Can We Share? Feeding Strategy in Three Syntopic Newts in Artificial Habitats. <b>2021</b> , 13, 32	0
322	Multiple analyses redirect management and restoration priorities for a critically endangered ecological community. <b>2021</b> , 46, 545-560	0
321	Invasive knotweed modifies predator-prey interactions in the soil food web. <b>2021</b> , 23, 1987-2002	1

320	Environmental Drivers of Mesophotic Echinoderm Assemblages of the Southeastern Pacific Ocean. <b>2021</b> , 8,	2
319	Molecular detection and microbiome differentiation of two cryptic lineages of giant barrel sponges from Conch Reef, Florida Keys. <b>2021</b> , 40, 853-865	1
318	Reforestation of Tropical Forests Alter Interactions Between Web-Building Spiders and Their Prey. 1	3
317	Efficient and stable metabarcoding sequencing data using a DNBSEQ-G400 sequencer validated by comprehensive community analyses. <b>2021</b> , 1-15	5
316	The Comparative Analysis of the Ruminal Bacterial Population in Reindeer ( L.) from the Russian Arctic Zone: Regional and Seasonal Effects. <b>2021</b> , 11,	3
315	Modelling spatial patterns in host-associated microbial communities. <b>2021</b> , 23, 2374-2388	4
314	Invasion of floating fern alters freshwater macroinvertebrate community structure with implications for bottom-up processes. <b>2021</b> , 848, 2523-2537	2
313	Understorey changes after an extreme drought event are modulated by overstorey tree species mixtures in thermophilous deciduous forests. <b>2021</b> , 484, 118931	0
312	Cryptic genetic lineages of a colonial ascidian host distinct microbiomes. <b>2021</b> , 50, 423-438	1
311	Nearshore ecosystems on seabird islands are potentially influenced by invasive predator eradications and environmental conditions: a case study at the Mercury Islands, New Zealand. <b>2021</b> , 661, 83-96	6
310	The comprehensive changes in soil properties are continuous cropping obstacles associated with American ginseng ( <i>Panax quinquefolius</i> ) cultivation. <b>2021</b> , 11, 5068	12
309	Long-term effects of maize straw return and manure on the microbial community in cinnamon soil in Northern China using 16S rRNA sequencing. <b>2021</b> , 16, e0249884	3
308	Stock delineation of striped snakehead, <i>Channa striata</i> using multivariate generalised linear models with otolith shape and chemistry data. <b>2021</b> , 11, 8158	0
307	Is being green what matters? Functional diversity of cavity-nesting bees and wasps and their interaction networks with parasites in different reforestation types in Amazonia. <b>2021</b> , 14, 620-634	1
306	Are cleaner fish clean?. <b>2021</b> , 168, 1	0
305	Adult and larval fish assemblages vary among small tributary mouths of Green Bay, Lake Michigan. <b>2021</b> , 99, 319-329	0
304	Habitat alteration modifies the structure and function of mixed-species flocks in an Andean landscape. <b>2021</b> , 53, 1153-1162	3
303	Invasive Floating Fern Limits Aerial Colonization and Alters Community Structure of Aquatic Insects. <b>2021</b> , 41, 1	0

302	Prokaryotic community composition and structure during <i>Phaeocystis globosa</i> blooms in the Beibu Gulf, China. <b>2021</b> , 86, 137-151	0
301	Three decades of post-logging tree community recovery in naturally regenerating and actively restored dipterocarp forest in Borneo. <b>2021</b> , 488, 119036	4
300	Abundance alteration of nondominant species in fecal-associated microbiome of patients with SAPHO syndrome. <b>2021</b> , 21, 161	
299	A habitat-based approach to determining the effects of drought on aridland bird communities. <b>2021</b> , 138,	1
298	Combination of unsupervised and supervised models to predict the maturity of peaches during shelf-life. <b>2021</b> , 45, e15624	0
297	Nutritive quality prediction of peaches during storage. <b>2021</b> , 9, 3483-3490	0
296	The fecal microbiota of patients with pancreatic ductal adenocarcinoma and autoimmune pancreatitis characterized by metagenomic sequencing. <b>2021</b> , 19, 215	11
295	Ecological scaling in mangroves: The role of microhabitats for the distribution of larval assemblages. <b>2021</b> , 253, 107318	1
294	Tobacco Smoking and the Fecal Microbiome in a Large, Multi-ethnic Cohort. <b>2021</b> , 30, 1328-1335	8
293	Fungi are more sensitive than bacteria to drainage in the peatlands of the Zoige Plateau. <b>2021</b> , 124, 107367	3
292	Ecology and morphology of the dwarf bromeliad boa <i>Ungaliophis panamensis</i> (Squamata, Boidae, Ungaliophiinae) in Costa Rica and Panama. <b>2021</b> , 16, 317-331	
291	Soil characteristics and microbial community response in rare earth mining areas in southern Jiangxi Province, China. <b>2021</b> , 28, 56418-56431	1
290	A rapid method to quantify small-scale vegetation patch structure to complement conventional quadrat surveys.	
289	Alteration of Intestinal Microbiota Composition in Oral Sensitized C3H/HeJ Mice Is Associated With Changes in Dendritic Cells and T Cells in Mesenteric Lymph Nodes. <b>2021</b> , 12, 631494	3
288	Temperature and multiple parasites combine to alter host community structure. <b>2021</b> , 130, 1500-1511	2
287	Approach to the Functional Importance of <i>Acropora cervicornis</i> in Outplanting Sites in the Dominican Republic. <b>2021</b> , 8,	0
286	Probiotic Effects of ZJUIDS06 and ZY08 on Hypercholesteremic Golden Hamsters. <b>2021</b> , 8, 705763	6
285	Distinct bacterial communities in the environmental water, sediment and intestine between two crayfish-plant coculture ecosystems. <b>2021</b> , 105, 5087-5101	3

284	Temperature and microbial interactions drive the deterministic assembly processes in sediments of hot springs. <b>2021</b> , 772, 145465	17
283	Impacts of an Amazonian hydroelectric dam on frog assemblages. <b>2021</b> , 16, e0244580	2
282	Inter-annual fluctuation in the population structure of an estuarine fish: Influence of environmental drivers. <b>2021</b> , 218, 103526	2
281	Microbial community dynamics in a hatchery recirculating aquaculture system (RAS) of sole ( <i>Solea senegalensis</i> ). <b>2021</b> , 539, 736592	2
280	Different community assembly of ground beetles and spiders in subalpine forests and alpine scoria deserts of a young volcano, Mt. Fuji. <b>2021</b> , 36, 866-881	
279	Implications of the foliar phytochemical diversity of the avocado crop cv. Hass in its susceptibility to pests and pathogens.. <b>2021</b> , 9, e11796	0
278	Methane Emissions Regulated by Microbial Community Response to the Addition of Monensin and Fumarate in Different Substrates. <b>2021</b> , 11, 6282	0
277	The effect of inter- and intraspecific competition on individual and population niche widths: a four-decade study on two interacting salmonids. <b>2021</b> , 130, 1679	1
276	Impact of anthropogenic activities on changes of ichthyofauna in the middle and lower Xiang River. <b>2021</b> ,	1
275	Association between the urogenital microbiome and surgical treatment response in women undergoing midurethral sling operation for mixed urinary incontinence. <b>2021</b> ,	0
274	Biodiversity consequences of <i>Caulerpa prolifera</i> takeover of a coastal lagoon. <b>2021</b> , 255, 107344	1
273	Hydrology drives variation in spawning phenologies and diversity of larval assemblages of Australian wetdry tropical fish. <b>2021</b> , 66, 1949-1967	2
272	A rapid method for quantifying small-scale vegetation patch structure to complement conventional quadrat surveys. <b>2021</b> , 24, e12610	
271	Effects of environmental factors on reef fish assemblage structure in the southeastern US Atlantic. <b>2021</b> , 671, 147-163	0
270	Comparative study of gut microbiota from captive and confiscated-rescued wild pangolins. <b>2021</b> , 48, 825-835	3
269	Understanding arid-region waterbird community dynamics during lake dry-downs. <b>2021</b> , 12, e03668	
268	Two community types occur in gut microbiota of large-sample wild plateau pikas ( <i>Ochotona curzoniae</i> ). <b>2021</b> ,	0
267	Low-level saltwater intrusion alters soil diazotrophic community structure in a subtropical estuarine wetland. <b>2021</b> , 164, 103959	0

266	Control of invasive <i>Phragmites australis</i> (European common reed) alters macroinvertebrate communities.	
265	Modeling the climate change impact on the habitat suitability and potential distribution of an economically important hill stream fish, <i>Neolissochilus hexagonolepis</i> , in the GangesBrahmaputra basin of Eastern Himalayas. <b>2021</b> , 83, 1	0
264	From the euclidean distance to compositional dissimilarity: What is gained and what is lost. <b>2021</b> , 111, 103732	1
263	Influence of reduced-impact logging on Central Amazonian bats using a before-after-control-impact design.	0
262	Influence of European Beech (Fagales: Fagaceae) Rot Hole Habitat Characteristics on Invertebrate Community Structure and Diversity. <b>2021</b> , 21,	1
261	Control of invasive <i>Phragmites australis</i> (European common reed) alters macroinvertebrate communities. e13548	
260	Soil microbiome, organic matter content and microbial abundance in forest and forest-derived land cover in Cat Tien National Park (Vietnam). <b>2021</b> , 165, 103957	3
259	Navigating through chemical space and evolutionary time across the Australian continent in plant genus <i>Eremophila</i> . <b>2021</b> , 108, 555-578	3
258	Effects of deforestation from cattle ranching over time on protected rainforest streams in the Rama-Kriol Territory, Nicaragua. 1	0
257	Comparison of Fecal Collection Methods on Variation in Gut Metagenomics and Untargeted Metabolomics. <b>2021</b> , 6, e0063621	1
256	Habitat complementarity and butterfly traits are essential considerations when mitigating the effects of exotic plantation forestry. 1	1
255	Evaluating the conservation value of sacred forests for ant taxonomic, functional and phylogenetic diversity in highly degraded landscapes. <b>2021</b> , 261, 109286	0
254	Diversity of small-scale fisheries in Chile: Environmental patterns and biogeography can inform fisheries management. <b>2021</b> , 124, 33-44	3
253	Jellyfish degradation in a shallow coastal Mediterranean lagoon. <b>2021</b> , 261, 107527	1
252	Soybean cropping patterns affect trait-based microbial strategies by changing soil properties. <b>2021</b> , 167, 104095	0
251	Humic acids enrich the plant microbiota with bacterial candidates for the suppression of pathogens. <b>2021</b> , 168, 104146	1
250	Performance of a trial sea ranch for the commercial sea cucumber, <i>Holothuria scabra</i> , in Papua New Guinea. <b>2022</b> , 547, 737500	2
249	Composition and potential functional roles of soil fungal communities on arid farms in Arequipa (Southern Peru) characterized using SMRT sequencing. <b>2022</b> , 169, 104228	0

248	Functional plasticity in oyster gut microbiomes along a eutrophication gradient in an urbanized estuary. <b>2021</b> , 3, 5		5
247	Organic Acids as Alternatives for Antibiotic Growth Promoters Alter the Intestinal Structure and Microbiota and Improve the Growth Performance in Broilers. <b>2020</b> , 11, 618144		17
246	Analyzing Fishing Effort Dynamics in a Multispecies Artisanal Fishery in Costa Rica: Social and Ecological System Linkages. <b>2019</b> , 379-404		2
245	Population dynamics and growth rates of free-living mushroom corals (Scleractinia: Fungiidae) in the sediment-stressed reefs of Singapore. <b>2020</b> , 87, 115-140		1
244	Transmission pathways of the helminths of the digestive system of the european perch <i>Perca fluviatilis</i> (Actinopterygii: Perciformes) in the fish communities of the water bodies of the national park Barmarkskaya Luka (Russia). <i>IOP Conference Series: Earth and Environmental Science</i> , 607, 012021	0.3	1
243	Higher fungal diversity is correlated with lower CO2 emissions from dead wood in a natural forest: BioRxiv preprint.		1
242	Comparing colours using visual models.		2
241	Navigating through chemical space and evolutionary time across the Australian continent in plant genus <i>Eremophila</i> .		1
240	Frequency of disturbance alters diversity, function, and underlying assembly mechanisms of complex bacterial communities.		0
239	Modelling palaeoecological time series using generalized additive models.		5
238	The central role of mean-variance relationships in the analysis of multivariate abundance data: a response to Roberts (2017). <i>Methods in Ecology and Evolution</i> , <b>2017</b> , 8, 1408-1414	7.7	20
237	Relative contribution of ancient woodland indicator and non-indicator species to herb layer distinctiveness in ancient semi-natural, ancient replanted, and recent woodland. <b>2020</b> , 23, 471-481		2
236	Root ethylene mediates rhizosphere microbial community reconstruction when chemically detecting cyanide produced by neighbouring plants. <b>2020</b> , 8, 4		35
235	A nonparametric spatial test to identify factors that shape a microbiome. <b>2019</b> , 13,		2
234	Signals of climate change in butterfly communities in a Mediterranean protected area. <b>2014</b> , 9, e87245		35
233	Estimating abundances of interacting species using morphological traits, foraging guilds, and habitat. <b>2014</b> , 9, e94323		18
232	Stepwise threshold clustering: a new method for genotyping MHC loci using next-generation sequencing technology. <b>2014</b> , 9, e100587		27
231	MixMC: A Multivariate Statistical Framework to Gain Insight into Microbial Communities. <b>2016</b> , 11, e0160169		92



230	Distinct Bacterial Microbiomes in Sexual and Asexual <i>Potamopyrgus antipodarum</i> , a New Zealand Freshwater Snail. <b>2016</b> , 11, e0161050	16
229	Effects of Farmland and Seasonal Phenology on Wild Bees in Blueberry Orchards. <b>2020</b> , 27,	1
228	Are Northern Harriers ( <i>Circus hudsonius</i> ) Facultative Specialists on Arvicoline Rodents in Midwestern Agroecosystems?. <b>2020</b> , 184,	2
227	Impacts of Small Impoundments On An Intermittent Headwater Stream Community. <b>2018</b> , 63, 34-41	2
226	The legacy of the past: effects of historical processes on microbial metacommunities. <b>2017</b> , 79, 13-19	26
225	Differential responses of bacteria to diatom-derived dissolved organic matter in the Arctic Ocean. <b>2018</b> , 82, 59-72	7
224	Benthic microalgal variability associated with peritidal stromatolite microhabitats along the South African coast. <b>2019</b> , 82, 253-264	5
223	Fishes associated with living stromatolite communities in peritidal pools: predators, recruits and ecological traps. <b>2017</b> , 580, 153-167	10
222	Spatio-temporal variability in the winter diet of larval and juvenile Antarctic krill, <i>Euphausia superba</i> , in ice-covered waters. <b>2017</b> , 580, 101-115	24
221	Macroinvertebrate variability between microhabitats of peritidal stromatolites along the South African coast. <b>2018</b> , 605, 37-47	5
220	Effects of novel, non-native detritus on decomposition and invertebrate community assemblage. <b>2020</b> , 643, 49-61	3
219	Utilizing next-generation sequencing to identify prey DNA in western North Atlantic grey seal <i>Halichoerus grypus</i> diet. <b>2020</b> , 655, 227-240	1
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