

CITATION REPORT

List of articles citing

mvabund an R package for model-based analysis of multivariate abundance data

DOI: 10.1111/j.2041-210x.2012.00190.x
Methods in Ecology and Evolution, 2012, 3, 471-474.

Source: <https://exaly.com/paper-pdf/54675326/citation-report.pdf>

Version: 2024-04-27

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
1046	Soil microarthropods are only weakly impacted after 13 years of repeated drought treatment in wet and dry heathland soils. 2013 , 66, 110-118		29
1045	Testing for homogeneity of multivariate dispersions using dissimilarity measures. 2013 , 69, 137-45		11
1044	Endophytic fungi from Peruvian highland and lowland habitats form distinctive and host plant-specific assemblages. 2013 , 22, 999-1016		28
1043	Restoration of trophic structure in an assemblage of omnivores, considering a revegetation chronosequence. 2013 , 50, 449-458		28
1042	<i>Arabidopsis thaliana</i> as Model for Studies on the Bacterial Root Microbiota. 2013 , 243-256		5
1041	Comparison of ITS1 and ITS2 rDNA in 454 sequencing of hyperdiverse fungal communities. 2013 , 6, 102-109		99
1040	Host genotype shapes the foliar fungal microbiome of balsam poplar (<i>Populus balsamifera</i>). 2013 , 8, e53987		143
1039	Comparison of automatic traps to capture mosquitoes (Diptera: Culicidae) in rural areas in the tropical Atlantic rainforest. 2013 , 108, 1014-20		7
1038	Natural windbreaks sustain bird diversity in a tea-dominated landscape. 2013 , 8, e70379		21
1037	Intensive removal of signal crayfish (<i>Pacifastacus leniusculus</i>) from rivers increases numbers and taxon richness of macroinvertebrate species. 2014 , 4, 494-504		22
1036	Selective-logging and oil palm: multitaxon impacts, biodiversity indicators, and trade-offs for conservation planning. 2014 , 24, 2029-2049		76
1035	Fungicide effects on fungal community composition in the wheat phyllosphere. 2014 , 9, e111786		79
1034	Drivers of reptile and amphibian assemblages outside the protected areas of Western Ghats, India. 2014 , 22, 337-341		9
1033	The fourth-corner solution [Using predictive models to understand how species traits interact with the environment. <i>Methods in Ecology and Evolution</i> , 2014 , 5, 344-352	7.7	154
1032	Refuges for birds in fire-prone landscapes: The influence of fire severity and fire history on the distribution of forest birds. 2014 , 318, 110-121		48
1031	Riparian vegetation has disproportionate benefits for landscape-scale conservation of woodland birds in highly modified environments. 2014 , 51, 514-523		47
1030	Comparative analysis of the microbial communities in agricultural soil amended with enhanced biochars or traditional fertilisers. 2014 , 191, 73-82		133

1029	Commercial spruce plantations support a limited canopy fauna: Evidence from a multi taxa comparison of native and plantation forests. 2014 , 314, 172-182	13
1028	Assessing the consequences of biological invasions on species with complex life cycles: Impact of the alien crayfish <i>Procambarus clarkii</i> on Odonata. 2014 , 46, 70-77	8
1027	Testing multiple pathways for impacts of the non-native Black-headed Weaver <i>Ploceus melanocephalus</i> on native birds in Iberia in the early phase of invasion. 2014 , 156, 355-365	7
1026	History of oilseed rape cropping and geographic origin affect the genetic structure of <i>Plasmiodiophora brassicae</i> populations. 2014 , 104, 532-8	21
1025	Using metabarcoding to ask if easily collected soil and leaf-litter samples can be used as a general biodiversity indicator. 2014 , 46, 379-389	53
1024	Exploring the immediate and long-term impact on bacterial communities in soil amended with animal and urban organic waste fertilizers using pyrosequencing and screening for horizontal transfer of antibiotic resistance. 2014 , 90, 206-24	55
1023	Impact of alien species on dune systems: a multifaceted approach. 2014 , 23, 2645-2668	25
1022	Topoclimate versus macroclimate: how does climate mapping methodology affect species distribution models and climate change projections?. 2014 , 20, 952-963	51
1021	Spiders in the context of agricultural land abandonment in Greek Mountains: species responses, community structure and the need to preserve traditional agricultural landscapes. 2014 , 18, 599-611	16
1020	Effects of repeated salt pulses on ecosystem structure and functions in a stream mesocosm. 2014 , 476-477, 634-42	55
1019	Plant-derived differences in the composition of aphid honeydew and their effects on colonies of aphid-tending ants. 2014 , 4, 4065-79	37
1018	A framework for quantifying the magnitude and variability of community responses to global change drivers. 2015 , 6, art280	37
1017	Text analysis tools for identification of emerging topics and research gaps in conservation science. 2015 , 29, 1606-14	52
1016	<i>Wolbachia</i> pseudogenes and low prevalence infections in tropical but not temperate Australian tephritid fruit flies: manifestations of lateral gene transfer and endosymbiont spillover?. 2015 , 15, 202	31
1015	Determinants of parasitoid communities of willow-galling sawflies: habitat overrides physiology, host plant and space. 2015 , 24, 5059-74	11
1014	Regularised Manova for High-Dimensional Data. 2015 , 57, 377-389	9
1013	Wood-inhabiting beetles in low stumps, high stumps and logs on boreal clear-cuts: implications for dead wood management. 2015 , 10, e0118896	17
1012	16S rRNA Amplicon Sequencing Demonstrates that Indoor-Reared Bumblebees (<i>Bombus terrestris</i>) Harbor a Core Subset of Bacteria Normally Associated with the Wild Host. 2015 , 10, e0125152	31

1011	Influence of Seasonal Food Availability on the Dynamics of Seabird Feeding Flocks at a Coastal Upwelling Area. 2015 , 10, e0131327		2
1010	Temperature-based bioclimatic parameters can predict nematode metabolic footprints. 2015 , 179, 187-99		18
1009	Importance of core and linear marsh elements for wetland arthropod diversity in an agricultural landscape. 2015 , 8, 289-301		5
1008	Application of a Bayesian nonparametric model to derive toxicity estimates based on the response of Antarctic microbial communities to fuel-contaminated soil. 2015 , 5, 2633-45		8
1007	Birds, butterflies and flowers in the tropics are not more colourful than those at higher latitudes. 2015 , 24, 1424-1432		26
1006	Towards an integration of scale and complexity in marine ecology. 2015 , 85, 475-504		15
1005	Conservation of tropical forest tree species in a native timber plantation landscape. 2015 , 339, 96-104		13
1004	Integrating the provision of ecosystem services and trawl fisheries for the management of the marine environment. 2015 , 506-507, 594-603		14
1003	Effects of reconstruction of a pre-European vertebrate assemblage on ground-dwelling arachnids in arid Australia. 2015 , 178, 497-509		21
1002	Function regression in ecology and evolution: FREE. <i>Methods in Ecology and Evolution</i> , 2015 , 6, 17-26	7.7	18
1001	A continental-scale analysis of feral cat diet in Australia. 2015 , 42, 964-975		130
1000	Disentangling seasonal bacterioplankton population dynamics by high-frequency sampling. 2015 , 17, 2459-76		89
999	Model-based thinking for community ecology. 2015 , 216, 669-682		98
998	Generating realistic assemblages with a joint species distribution model. <i>Methods in Ecology and Evolution</i> , 2015 , 6, 465-473	7.7	97
997	Polar front associated variation in prokaryotic community structure in Arctic shelf seafloor. 2015 , 6, 17		22
996	Mining-caused changes to habitat structure affect amphibian and reptile population ecology more than metal pollution. 2015 , 25, 2240-54		9
995	The effect of land-use on the diversity and mass-abundance relationships of understory avian insectivores in Sri Lanka and southern India. 2015 , 5, 11569		13
994	The effects of land-use change on the endemic avifauna of Makira, Solomon Islands: endemics avoid monoculture. 2015 , 115, 199-213		9

993	Applying an ecosystem service approach to unravel links between ecosystems and society in the coast of central Chile. 2015 , 533, 122-32		11
992	A comprehensive analysis of the microbial communities of healthy and diseased marine macroalgae and the detection of known and potential bacterial pathogens. 2015 , 6, 146		47
991	Foliar quality of co-occurring mallee eucalypts: balance of primary and secondary metabolites reflects past growing conditions. 2015 , 25, 179-191		5
990	Modelling both dominance and species distribution provides a more complete picture of changes to mangrove ecosystems under climate change. 2015 , 21, 3005-20		22
989	Analysing chemical-induced changes in macroinvertebrate communities in aquatic mesocosm experiments: a comparison of methods. 2015 , 24, 760-9		20
988	The role of human disturbance in island biogeography of arthropods and plants: an information theoretic approach. 2015 , 42, 1406-1417		8
987	Learning Compact Binary Codes for Hash-Based Fingerprint Indexing. 2015 , 10, 1603-1616		21
986	New opportunities at the interface between ecology and statistics. <i>Methods in Ecology and Evolution</i> , 2015 , 6, 363-365	7-7	5
985	Odonates need natural disturbances: how human-induced dynamics affect the diversity of dragonfly assemblages. 2015 , 34, 1050-1057		17
984	So Many Variables: Joint Modeling in Community Ecology. 2015 , 30, 766-779		408
983	Long-term ecology resolves the timing, region of origin and process of establishment for a disputed alien tree. 2015 , 7,		8
982	Relocation, high-latitude warming and host genetic identity shape the foliar fungal microbiome of poplars. 2015 , 24, 235-48		88
981	Responses of foliage-living spider assemblage composition and traits to a climatic gradient in Themeda grasslands. 2015 , 40, 225-237		10
980	Migratory bird species benefit from traditional agricultural gardens in arid South Sinai. 2015 , 114, 110-115		4
979	Topics in constrained and unconstrained ordination. 2015 , 216, 683-696		51
978	Effects of high-severity fire drove the population collapse of the subalpine Tasmanian endemic conifer <i>Athrotaxis cupressoides</i> . 2015 , 21, 445-58		48
977	Model-based approaches to unconstrained ordination. <i>Methods in Ecology and Evolution</i> , 2015 , 6, 399-411	7-7	130
976	CATS regression: a model-based approach to studying trait-based community assembly. <i>Methods in Ecology and Evolution</i> , 2015 , 6, 389-398	7-7	56

975	A method for analysis of phenotypic change for phenotypes described by high-dimensional data. 2015 , 115, 357-65	225
974	Predicting the Composition of Polychaete Assemblages in the Aegean Coast of Turkey. 2016 , 3,	6
973	Effects of Temperature Stress and Aquarium Conditions on the Red Macroalga <i>Delisea pulchra</i> and its Associated Microbial Community. 2016 , 7, 161	11
972	Spatial and Temporal Dynamics of Pacific Oyster Hemolymph Microbiota across Multiple Scales. 2016 , 7, 1367	49
971	Diversity and Composition of the Leaf Mycobiome of Beech (<i>Fagus sylvatica</i>) Are Affected by Local Habitat Conditions and Leaf Biochemistry. 2016 , 11, e0152878	31
970	Elevational Distribution of Flightless Ground Beetles in the Tropical Rainforests of North-Eastern Australia. 2016 , 11, e0155826	7
969	Antarctic biogeography revisited: updating the Antarctic Conservation Biogeographic Regions. 2016 , 22, 836-840	72
968	Regional diversity reverses the negative impacts of an alien predator on local species-poor communities. 2016 , 97, 2740-2749	15
967	Multiple opportunistic pathogens can cause a bleaching disease in the red seaweed <i>Delisea pulchra</i> . 2016 , 18, 3962-3975	56
966	Environmental influences on living marine stromatolites: insights from benthic microalgal communities. 2016 , 18, 503-13	26
965	Food habits of the world's grey wolves. 2016 , 46, 255-269	99
964	Contrasting microbial biogeographical patterns between anthropogenic subalpine grasslands and natural alpine grasslands. 2016 , 209, 1196-207	19
963	Partitioning of functional and taxonomic diversity in surface-associated microbial communities. 2016 , 18, 4391-4402	28
962	Model-based assessment of ecological community classifications. 2016 , 27, 704-715	11
961	The role of tissue-specific microbiota in initial establishment success of Pacific oysters. 2016 , 18, 970-87	67
960	Environmental drivers of microbial community shifts in the giant barrel sponge, <i>Xestospongia muta</i> , over a shallow to mesophotic depth gradient. 2016 , 18, 2025-38	35
959	Three points to consider when choosing a LM or GLM test for count data. <i>Methods in Ecology and Evolution</i> , 2016 , 7, 882-890	7:7 96
958	Habitat conditions and phenological tree traits overrule the influence of tree genotype in the needle mycobiome- <i>Picea glauca</i> system at an arctic treeline ecotone. 2016 , 211, 1221-31	35

957	Diversifying forest communities may change Lyme disease risk: extra dimension to the dilution effect in Europe. 2016 , 143, 1310-9	21
956	Effects of forests, roads and mistletoe on bird diversity in monoculture rubber plantations. 2016 , 6, 21822	12
955	Effects of cyclone-generated disturbance on a tropical reef foraminifera assemblage. 2016 , 6, 24846	7
954	Presence does not imply activity: DNA and RNA patterns differ in response to salt perturbation in anaerobic digestion. 2016 , 9, 244	43
953	Metagenomes provide valuable comparative information on soil microeukaryotes. 2016 , 167, 436-50	28
952	Insect assemblages associated with the exotic riparian shrub Russian olive (<i>Elaeagnaceae</i>), and co-occurring native shrubs in British Columbia, Canada. 2016 , 148, 316-328	1
951	Time is no healer: increasing restoration age does not lead to improved benthic invertebrate communities in restored river reaches. 2016 , 557-558, 722-32	40
950	Much more than bees: Wildflower plantings support highly diverse flower-visitor communities from complex to structurally simple agricultural landscapes. 2016 , 225, 45-53	38
949	Elevational Distribution of Adult Trees and Seedlings in a Tropical Montane Transect, Southwest China. 2016 , 36, 342	2
948	Conserving long unburnt vegetation is important for bird species, guilds and diversity. 2016 , 25, 2709-2722	19
947	The ecological response of insectivorous bats to coastal lagoon degradation. 2016 , 202, 10-19	6
946	Coping with copper: legacy effect of copper on potential activity of soil bacteria following a century of exposure. 2016 , 92,	91
945	Low diversity and abundance of root endophytes prevail throughout the life cycle of an annual halophyte. 2016 , 15, 1303-1311	8
944	Environmental and spatial characterisation of an unknown fauna using DNA sequencing: an example with Himalayan Hydropsychidae (Insecta: Trichoptera). 2016 , 61, 1905-1920	9
943	Warming-related shifts in the distribution of two competing coastal wrasses. 2016 , 120, 55-67	7
942	Species residency status affects model selection and hypothesis testing in freshwater community ecology. 2016 , 61, 1568-1579	7
941	Land-use change promotes avian diversity at the expense of species with unique traits. 2016 , 6, 7610-7622	24
940	Disrupted progression of the intestinal microbiota with age in children with cystic fibrosis. 2016 , 6, 24857	50

939	Enrichment of the lung microbiome with gut bacteria in sepsis and the acute respiratory distress syndrome. 2016 , 1, 16113	250
938	Hidden drivers of low-dose pharmaceutical pollutant mixtures revealed by the novel GSA-QHTS screening method. 2016 , 2, e1601272	27
937	Bayesian nonparametric dependent model for partially replicated data: The influence of fuel spills on species diversity. 2016 , 10,	12
936	Experimental parasite community ecology: intraspecific variation in a large tapeworm affects community assembly. 2016 , 85, 1004-13	26
935	Bat communities respond positively to large-scale thinning of forest regrowth. 2016 , 53, 1694-1703	46
934	Millions of reads, thousands of taxa: microbial community structure and associations analyzed via marker genes. 2016 , 40, 686-700	115
933	Species traits affect the occurrence of birds in a native timber plantation landscape. 2016 , 19, 526-538	8
932	Elevational turnover in the composition of leaf miners and their interactions with host plants in Australian subtropical rainforest. 2016 , 41, 238-247	4
931	Quantifying the response of structural complexity and community composition to environmental change in marine communities. 2016 , 22, 1965-75	58
930	Can the Effects of Anthropogenic Pressures and Environmental Variability on Nekton Fauna Be Detected in Fishery Data? Insights from the Monitoring of the Artisanal Fishery Within the Venice Lagoon. 2016 , 39, 1164-1182	15
929	Does neighbourhood tree diversity affect the crown arthropod community in saplings?. 2016 , 25, 169-185	10
928	Effects of set-aside management on soil macrodecomposers in Hungary. 2016 , 99, 89-97	4
927	Long-term shift in coastal fish communities before and after the collapse of Atlantic cod (<i>Gadus morhua</i>). 2016 , 73, 1415-1426	10
926	Bayesian Ordination and Regression Analysis of Multivariate Abundance Data in <i>r</i> . <i>Methods in Ecology and Evolution</i> , 2016 , 7, 744-750	7.7 156
925	A cost-effective and efficient strategy for Illumina sequencing of fungal communities: A case study of beech endophytes identified elevation as main explanatory factor for diversity and community composition. 2016 , 20, 175-185	38
924	Heightened self-reactivity associated with selective survival, but not expansion, of naïve virus-specific CD8 ⁺ T cells in aged mice. 2016 , 113, 1333-8	40
923	Divergence and parallelism of parasite infections in Arctic charr morphs from deep and shallow lake habitats. 2016 , 783, 131-143	17
922	Inoculation order of nectar-borne yeasts opens a door for transient species and changes nectar rewarded to pollinators. 2016 , 22, 90-97	22

921	A TME study with the fungicide pyrimethanil combined with different moisture regimes: effects on enchytraeids. 2016 , 25, 213-24	12
920	Stream biodiversity is disproportionately lost to urbanization when flow permanence declines: evidence from southwestern North America. 2016 , 35, 340-352	29
919	Can ground-based assessments of forest biodiversity reflect the biological condition of canopy assemblages?. 2016 , 359, 190-198	2
918	Plasticity in the gut microbial community and uptake of Enterobacteriaceae (Gammaproteobacteria) in <i>Bombus terrestris</i> bumblebees' nests when reared indoors and moved to an outdoor environment. 2016 , 47, 237-250	16
917	Multivariate evaluation of the effectiveness of delousing treatment efficacy of azamethiphos (Salmosan®) against the salmon louse (<i>Lepeophtheirus salmonis</i>) in Atlantic salmon (<i>Salmo salar</i>) using wellboat, skirt and tarpaulin treatment modalities. 2016 , 450, 301-307	5
916	Experimental insights into the importance of aquatic bacterial community composition to the degradation of dissolved organic matter. 2016 , 10, 533-45	197
915	Variational Approximations for Generalized Linear Latent Variable Models. 2017 , 26, 35-43	29
914	Below-ground biological responses to pyrogenic organic matter and litter inputs in grasslands. 2017 , 31, 260-269	10
913	Short-term response to stump harvesting by the ground flora in boreal clearcuts. 2017 , 32, 239-245	9
912	A primer to metabarcoding surveys of Antarctic terrestrial biodiversity. 2017 , 29, 3-15	6
911	Frequent inundation helps counteract land use impacts on wetland propagule banks. 2017 , 20, 459-467	10
910	Linking the community structure of arbuscular mycorrhizal fungi and plants: a story of interdependence?. 2017 , 11, 1400-1411	51
909	Bacterial Topography of the Healthy Human Lower Respiratory Tract. 2017 , 8,	214
908	Mangrove vegetation decreases density but does not affect species richness and trophic structure of intertidal polychaete assemblages. 2017 , 795, 169-179	19
907	Comparative assessment of two agriculturally-influenced estuaries: Similar pressure, different response. 2017 , 117, 136-147	30
906	Graphical diagnostics for occupancy models with imperfect detection. <i>Methods in Ecology and Evolution</i> , 2017 , 8, 408-419	7-7 30
905	Plant traits of propagule banks and standing vegetation reveal flooding alleviates impacts of agriculture on wetland restoration. 2017 , 54, 1907-1918	23
904	Agricultural factors affecting <i>Fusarium</i> communities in wheat kernels. 2017 , 252, 53-60	38

903	Nitrogen addition alters ectomycorrhizal fungal communities and soil enzyme activities in a tropical montane forest. 2017 , 27, 14-23	43
902	Specialist nectar-yeasts decline with urbanization in Berlin. 2017 , 7, 45315	7
901	Interacting effects of fire severity, time since fire and topography on vegetation structure after wildfire. 2017 , 396, 26-34	26
900	Changes in the nature of environmental limitation in two forest herbs during two decades of forest succession. 2017 , 28, 883-892	7
899	Habitat features act as unidirectional and dynamic filters to bat use of production landscapes. 2017 , 209, 280-288	3
898	Analysis of soil microbial communities based on amplicon sequencing of marker genes. 2017 , 53, 485-489	152
897	Soil humidity, potential solar radiation and altitude affect boreal beetle assemblages in dead wood. 2017 , 209, 107-118	12
896	Microbial community function in the bleaching disease of the marine macroalgae <i>Delisea pulchra</i> . 2017 , 19, 3012-3024	23
895	Forest restoration as a double-edged sword: the conflict between biodiversity conservation and pest control. 2017 , 54, 1658-1668	15
894	Not just browsing: an animal that grazes phyllosphere microbes facilitates community heterogeneity. 2017 , 11, 1788-1798	6
893	Forest continuity acts congruently with stand maturity in structuring the functional composition of saproxylic beetles. 2017 , 205, 1-10	27
892	Ecosystem Responses to Fire: Identifying Cross-taxa Contrasts and Complementarities to Inform Management Strategies. 2017 , 20, 872-884	12
891	Fourth-corner correlation is a score test statistic in a log-linear trait-environment model that is useful in permutation testing. 2017 , 24, 219-242	13
890	Edaphic Collembola assemblages of European temperate primeval forests gradually change along a forest-type gradient. 2017 , 80, 92-101	9
889	Patterns and drivers of benthic macrofaunal communities dwelling within extant peritidal stromatolites. 2017 , 62, 2227-2242	14
888	Terrestrial laser scanning reveals below-canopy bat trait relationships with forest structure. 2017 , 198, 40-51	24
887	An empirical examination of consumer effects across twenty degrees of latitude. 2017 , 98, 2391-2400	14
886	Enhancing spider families and spider webs in Indian rice fields for conservation biological control, considering local and landscape management. 2017 , 21, 495-508	7

885	Cold-induced conversion of cholesterol to bile acids in mice shapes the gut microbiome and promotes adaptive thermogenesis. 2017 , 23, 839-849	158
884	Dietary flexibility in small carnivores: a case study on the endangered northern quoll, <i>Dasyurus hallucatus</i> . 2017 , 98, 858-866	22
883	Organic farming increases richness of fungal taxa in the wheat phyllosphere. 2017 , 26, 3424-3436	32
882	Restoring ecological properties of acidic soils contaminated with elemental sulfur. 2017 , 587-588, 449-456	7
881	Deciphering conjugative plasmid permissiveness in wastewater microbiomes. 2017 , 26, 3556-3571	41
880	Uneven-aged silviculture can reduce negative effects of forest management on beetles. 2017 , 391, 436-445	16
879	Contrasting influences of inundation and land use on the rate of floodplain restoration. 2017 , 27, 663-674	8
878	Turning off the DRIP (Data-rich, information-poor) Rationalising monitoring with a focus on marine renewable energy developments and the benthos. 2017 , 74, 848-859	38
877	How to make more out of community data? A conceptual framework and its implementation as models and software. 2017 , 20, 561-576	361
876	Soil DNA Extraction Procedure Influences Protist 18S rRNA Gene Community Profiling Outcome. 2017 , 168, 283-293	9
875	Arbuscular mycorrhizal fungal community composition is altered by long-term litter removal but not litter addition in a lowland tropical forest. 2017 , 214, 455-467	34
874	Mixed-severity natural disturbances promote the occurrence of an endangered umbrella species in primary forests. 2017 , 405, 210-218	28
873	Soilborne fungi have host affinity and host-specific effects on seed germination and survival in a lowland tropical forest. 2017 , 114, 11458-11463	65
872	Floodplain habitat is disproportionately important for bats in a large river basin. 2017 , 215, 1-10	15
871	Methanogens predominate in natural corrosion protective layers on metal sheet piles. 2017 , 7, 11899	24
870	Disentangling environmental and host sources of fungal endophyte communities in an experimental beachgrass study. 2017 , 26, 6157-6169	6
869	Macroalgal browsing on a heavily degraded, urbanized equatorial reef system. 2017 , 7, 8352	25
868	Heart failure is associated with depletion of core intestinal microbiota. 2017 , 4, 282-290	114

867	Ecological restoration in boreal forest modifies the structure of bird assemblages. 2017 , 401, 75-88	17
866	Multiple nutrients control threatened grassland vegetation in eastern South Africa. 2017 , 112, 225-236	4
865	To chop or not to chop? Tackling shrub encroachment by roller-chopping preserves woody plant diversity and composition in a dry subtropical forest. 2017 , 402, 29-36	4
864	Diversity and stability of coral endolithic microbial communities at a naturally high pCO ₂ reef. 2017 , 26, 5344-5357	19
863	Secondary metabolite genes encoded by potato rhizosphere microbiomes in the Andean highlands are diverse and vary with sampling site and vegetation stage. 2017 , 7, 2330	12
862	Microbial communities in the cysts of soybean cyst nematode affected by tillage and biocide in a suppressive soil. 2017 , 119, 396-406	20
861	Biodiversity benefits for saproxylic beetles with uneven-aged silviculture. 2017 , 402, 37-50	13
860	Forest restoration by burning and gap cutting of voluntary set-asides yield distinct immediate effects on saproxylic beetles. 2017 , 26, 1623-1640	19
859	Plant functional groups within a tropical forest exhibit different wood functional anatomy. 2017 , 31, 582-591	16
858	The effect of fire history in shaping diversity patterns of flower-visiting insects in post-fire Mediterranean pine forests. 2017 , 26, 115-131	23
857	Nematode community indices for microhabitat type and large scale landscape properties. 2017 , 73, 472-479	28
856	Phytoplankton community dynamics within peritidal pools associated with living stromatolites at the freshwater-marine interface. 2017 , 79, 357-370	10
855	Ectomycorrhizal fungal response to warming is linked to poor host performance at the boreal-temperate ecotone. 2017 , 23, 1598-1609	65
854	Post-fire recovery of litter detritivores is limited by distance from burn edge. 2017 , 42, 94-102	9
853	Habitat structure shaping megabenthic communities inhabiting subtidal soft bottoms along the Algarve coast (Portugal). 2017 , 784, 249-264	7
852	A Group IV Species Dominates and Suppresses a Mixed Culture Fermentation by Tolerance to Medium Chain Fatty Acids Products. 2017 , 5, 8	46
851	An Economical Custom-Built Drone for Assessing Whale Health. 2017 , 4,	50
850	The Effect of Increased Loads of Dissolved Organic Matter on Estuarine Microbial Community Composition and Function. 2017 , 8, 351	48

849	Predicting the HMA-LMA Status in Marine Sponges by Machine Learning. 2017 , 8, 752	92
848	The tick biocontrol agent <i>Metarhizium brunneum</i> (= <i>M. anisopliae</i>) (strain F52) does not reduce non-target arthropods. 2017 , 12, e0187675	24
847	Metagenomic analysis of soil and freshwater from zoo agricultural area with organic fertilization. 2017 , 12, e0190178	13
846	Broad spectrum pesticide application alters natural enemy communities and may facilitate secondary pest outbreaks. 2017 , 5, e4179	37
845	A Generalized Estimating Equation Approach to Multivariate Adaptive Regression Splines. 2018 , 27, 245-253	10
844	Detecting Symbioses in Complex Communities: the Fungal Symbionts of Bark and Ambrosia Beetles Within Asian Pines. 2018 , 76, 839-850	18
843	What determines prey selection in owls? Roles of prey traits, prey class, environmental variables, and taxonomic specialization. 2018 , 8, 3382-3392	14
842	Grazer responses to variable macroalgal resource conditions facilitate habitat structuring. 2018 , 5, 171428	13
841	Spatial, temporal and experimental: Three study design cornerstones for establishing defensible numeric criteria in freshwater ecosystems. 2018 , 55, 2114-2123	20
840	Do disturbance and periphyton productivity affect stream invertebrate traits?. 2018 , 37, 367-379	2
839	Cyclic population dynamics and density-dependent intransitivity as pathways to coexistence between co-occurring annual plants. 2018 , 106, 838-851	13
838	Environmental filtering and dispersal as drivers of metacommunity composition: complex spider webs as habitat patches. 2018 , 9, e02101	4
837	Reef invertebrate viromics: diversity, host specificity and functional capacity. 2018 , 20, 2125-2141	24
836	Soil abiotic variables are more important than Salicaceae phylogeny or habitat specialization in determining soil microbial community structure. 2018 , 27, 2007-2024	29
835	Effects of <i>Rhizophora</i> mangle leaf litter and seedlings on carbon and nitrogen cycling in salt marshes [potential consequences of climate-induced mangrove migration. 2018 , 426, 383-400	4
834	The effects of host species and sexual dimorphism differ among root, leaf and flower microbiomes of wild strawberries in situ. 2018 , 8, 5195	27
833	Shifts in phytoplankton community structure in response to hydrological changes in the shallow St Lucia Estuary. 2018 , 128, 275-286	11
832	Altered fish community and feeding behaviour in close proximity to boat moorings in an urban estuary. 2018 , 129, 43-51	7

831	Melanization of mycorrhizal fungal necromass structures microbial decomposer communities. 2018 , 106, 468-479	37
830	Spatial patterns of pathogenic and mutualistic fungi across the elevational range of a host plant. 2018 , 106, 1545-1557	16
829	Plant and soil microbe responses to light, warming and nitrogen addition in a temperate forest. 2018 , 32, 1293-1303	23
828	Functional biogeography and host specificity of bacterial communities associated with the Marine Green Alga <i>Ulva</i> spp. 2018 , 27, 1952-1965	28
827	Species diversity and tissue specific dispersal of necrophagous Diptera on human bodies. 2018 , 14, 76-84	13
826	Coastal urbanisation affects microbial communities on a dominant marine holobiont. 2018 , 4, 1	38
825	Effects of phosphorus-mobilizing bacteria on tomato growth and soil microbial activity. 2018 , 427, 17-37	32
824	Assemblage-level effects of the introduced peacock hind (<i>Cephalopholis argus</i>) on Hawaiian reef fishes. 2018 , 101, 275-286	
823	Biophysical drivers of fiddler crab species distribution at a latitudinal limit. 2018 , 208, 131-139	3
822	Proper experimental design requires randomization/balancing of molecular ecology experiments. 2018 , 8, 1786-1793	10
821	Tissue age and plant genotype affect the microbiota of apple and pear bark. 2018 , 211, 57-68	20
820	Spatio-temporal connectivity and host resistance influence evolutionary and epidemiological dynamics of the canola pathogen. 2018 , 11, 1354-1370	17
819	Water availability influences arthropod water demand, hydration and community composition on urban trees. 2018 , 4,	12
818	Long-term assessment of ichthyoplankton in a large North American river system reveals changes in fish community dynamics. 2018 , 75, 2255-2270	6
817	The Lung Microbiota of Healthy Mice Are Highly Variable, Cluster by Environment, and Reflect Variation in Baseline Lung Innate Immunity. 2018 , 198, 497-508	93
816	Disentangling the role of floral sensory stimuli in pollination networks. 2018 , 9, 1041	44
815	Differences in microbial community structure and nitrogen cycling in natural and drained tropical peatland soils. 2018 , 8, 4742	35
814	Diversity of <i>Entamoeba</i> spp. in African great apes and humans: an insight from Illumina MiSeq high-throughput sequencing. 2018 , 48, 519-530	17

813	Below-ground processes control the success of an invasive seaweed. 2018 , 106, 2082-2095	14
812	Power and sample size calculations for high-throughput sequencing-based experiments. 2018 , 19, 1247-1255	22
811	Effect of Simulated Climate Warming on the Ectomycorrhizal Fungal Community of Boreal and Temperate Host Species Growing Near Their Shared Ecotonal Range Limits. 2018 , 75, 348-363	21
810	The effects of warming and ocean acidification on growth, photosynthesis, and bacterial communities for the marine invasive macroalga <i>Caulerpa taxifolia</i> . 2018 , 63, 459-471	13
809	Facultative root-colonizing fungi dominate endophytic assemblages in roots of nonmycorrhizal <i>Microthlaspi</i> species. 2018 , 217, 1190-1202	30
808	Long-term industrial metal contamination unexpectedly shaped diversity and activity response of sediment microbiome. 2018 , 344, 299-307	52
807	Long-term nutrient addition alters arthropod community composition but does not increase total biomass or abundance. 2018 , 127, 460-471	4
806	Elevation modulates how Arctic arthropod communities are structured along local environmental gradients. 2018 , 41, 1555-1565	17
805	Diverse invertebrate fauna using dry sediment as a refuge in semi-arid and temperate Australian rivers. 2018 , 806, 95-109	7
804	Environment and host identity structure communities of green algal symbionts in lichens. 2018 , 217, 277-289	55
803	Abiotic and biotic predictors of macroecological patterns in bird and butterfly coloration. 2018 , 88, 204-224	22
802	A general algorithm for covariance modeling of discrete data. 2018 , 165, 86-100	13
801	Dry and wet periods drive rapid shifts in community assembly in an estuarine ecosystem. 2018 , 24, e627-e642	22
800	Military training areas as refuges for threatened dragonfly species: Effect of spatial isolation and military activity. 2018 , 217, 28-35	9
799	Metabarcoding of freshwater invertebrates to detect the effects of a pesticide spill. 2018 , 27, 146-166	41
798	Perturbation of seafloor bacterial community structure by drilling waste discharge. 2018 , 129, 615-622	11
797	Why you cannot transform your way out of trouble for small counts. 2018 , 74, 362-368	26
796	Season-Long Experimental Drought Alters Fungal Community Composition but Not Diversity in a Grassland Soil. 2018 , 75, 468-478	17

795	On the inconsistency of pollinator species traits for predicting either response to land-use change or functional contribution. 2018 , 127, 306-315	41
794	Modelling Palaeoecological Time Series Using Generalised Additive Models. 2018 , 6,	123
793	Spatially Structured Communities. 2018 , 419-474	
792	Hundred Fifty Years of Herbarium Collections Provide a Reliable Resource of Volatile Terpenoid Profiles Showing Strong Species Effect in Four Medicinal Species of Across the Mediterranean. 2018 , 9, 1877	7
791	An adaptive microbiome β diversity-based association analysis method. 2018 , 8, 18026	14
790	Simple does not mean poor: grasslands and forests harbor similar ant species richness and distinct composition in highlands of southern Brazil. 2018 , 18,	5
789	Understory Vegetation in Oil Palm Plantations Benefits Soil Biodiversity and Decomposition Rates. 2018 , 1,	28
788	Quality and quantity of leaf litter: Both are important for feeding preferences and growth of an aquatic shredder. 2018 , 13, e0208272	9
787	A metabarcoding approach for the feeding habits of European hake in the Adriatic Sea. 2018 , 8, 10435-10447	12
786	Belowground fungal community diversity and composition associated with Norway spruce along an altitudinal gradient. 2018 , 13, e0208493	12
785	Effects of Organic Pollutants on Bacterial Communities Under Future Climate Change Scenarios. 2018 , 9, 2926	16
784	Interactions between soil properties, soil microbes and plants in remnant-grassland and old-field areas: a reciprocal transplant approach. 2018 , 433, 127-145	21
783	Comparative effects of urban and agricultural land transformation on Odonata assemblages in a biodiversity hotspot. 2018 , 33, 89-98	8
782	Temporal phytoplankton diversity patterns and community structure in a monsoonal region, Oman Seawater (Iranian parts). 2018 , 24, 355-363	3
781	Host genotype strongly influences phyllosphere fungal communities associated with <i>Mussaenda pubescens</i> var. <i>alba</i> (Rubiaceae). 2018 , 36, 141-151	15
780	Landscape-level bird loss increases the prevalence of honeydew-producing insects and non-native ants. 2018 , 188, 1263-1272	5
779	Experimental evaluation of the initial effects of large-scale thinning on structure and biodiversity of river red gum (<i>Eucalyptus camaldulensis</i>) forests. 2018 , 45, 397	7
778	Drought attenuates the impact of fish on aquatic macroinvertebrate richness and community composition. 2018 , 63, 1457-1468	4

777	A Comparative Study on the Faecal Bacterial Community and Potential Zoonotic Bacteria of Muskoxen () in Northeast Greenland, Northwest Greenland and Norway. 2018 , 6,		6
776	Distribution of Plant Species and Dispersal Traits along Environmental Gradients in Central Mediterranean Summits. 2018 , 10, 58		11
775	Accuracy, limitations and cost efficiency of eDNA-based community survey in tropical frogs. 2018 , 18, 1415-1426		30
774	The bacterial community structure and functional profile in the heavy metal contaminated paddy soils, surrounding a nonferrous smelter in South Korea. 2018 , 8, 6157-6168		44
773	RRPP: An r package for fitting linear models to high-dimensional data using residual randomization. <i>Methods in Ecology and Evolution</i> , 2018 , 9, 1772-1779	7.7	184
772	Probiotic supplementation and associated infant gut microbiome and health: a cautionary retrospective clinical comparison. 2018 , 8, 8283		40
771	Exotic- and native-dominated shrubland habitat use by fall migrating Swainson's Thrushes and Gray Catbirds in Michigan, USA Uso de hábitat de matorral dominado por exóticas y nativas por migrantes de otoño de <i>Catharus ustulatus</i> y <i>Dumetella carolinensis</i> en Michigan, EEUU Landbird use of exotic and native stopover habitats. 2018 , 120, 81-93		4
770	Ecological outcomes for multiple taxa from silvicultural thinning of regrowth forest. 2018 , 425, 177-188		17
769	Bacterial endophyte communities in <i>Pinus flexilis</i> are structured by host age, tissue type, and environmental factors. 2018 , 428, 335-352		16
768	Forest management strategy affects saproxylic beetle assemblages: A comparison of even and uneven-aged silviculture using direct and indirect sampling. 2018 , 13, e0194905		6
767	Overwintering of pollen beetles and their predators in oilseed rape and semi-natural habitats. 2018 , 265, 275-281		12
766	Native bacteria promote plant growth under drought stress condition without impacting the rhizomicrobiome. 2018 , 94,		26
765	A prokaryotic-eukaryotic relation in the fat body of <i>Bombus terrestris</i> . 2018 , 10, 644-650		4
764	Past and potential future effects of habitat fragmentation on structure and stability of plant-pollinator and host-parasitoid networks. 2018 , 2, 1408-1417		46
763	Spatio-Temporal Patterns in Coral Reef Communities of the Spermonde Archipelago, 2012-2014, I: Comprehensive Reef Monitoring of Water and Benthic Indicators Reflect Changes in Reef Health. 2018 , 5,		18
762	Spatio-Temporal Patterns in the Coral Reef Communities of the Spermonde Archipelago, 2012-2014, II: Fish Assemblages Display Structured Variation Related to Benthic Condition. 2018 , 5,		10
761	Gelatinous plankton is important in the diet of European eel (<i>Anguilla anguilla</i>) larvae in the Sargasso Sea. 2018 , 8, 6156		27
760	Community composition and diversity of Neotropical root-associated fungi in common and rare trees. 2018 , 50, 694-703		4

759	Unwinding a Tangled Web: a Fine-Scale Approach towards Understanding the Drivers of Harmful Algal Bloom Species in a Eutrophic South African Estuary. 2018 , 41, 1356-1369	17
758	Accurate predictions of coexistence in natural systems require the inclusion of facilitative interactions and environmental dependency. 2018 , 106, 1839-1852	37
757	Variation in Tree Community Composition and Carbon Stock under Natural and Human Disturbances in Andean Forests, Peru. 2018 , 9, 390	4
756	Long-term in situ permafrost thaw effects on bacterial communities and potential aerobic respiration. 2018 , 12, 2129-2141	42
755	Reef fish at a remote tropical island (Principe Island, Gulf of Guinea): disentangling taxonomic, functional and phylogenetic diversity patterns with depth. 2018 , 69, 395	13
754	Responses of arbuscular mycorrhizal fungi to long-term inorganic and organic nutrient addition in a lowland tropical forest. 2018 , 12, 2433-2445	27
753	Terrestrial mammal responses to oil palm dominated landscapes in Colombia. 2018 , 13, e0197539	21
752	Changes in desert avifauna associated with the functional extinction of a terrestrial top predator. 2019 , 42, 67-76	8
751	Multiple evolutionary origins lead to diversity in the metabolic profiles of ambrosia fungi. 2019 , 38, 80-88	8
750	Effects of allochthonous dissolved organic matter input on microbial composition and nitrogen-cycling genes at two contrasting estuarine sites. 2019 , 95,	2
749	Diversity and abundance of Lepidoptera and Coleoptera in multiple-species reforestation plantings to offset emissions of carbon dioxide. 2019 , 82, 89-106	0
748	Organic amendment strengthens interkingdom associations in the soil and rhizosphere of barley (<i>Hordeum vulgare</i>). 2019 , 695, 133885	14
747	Indirect commensalism between an introduced apex predator and a native avian predator. 2019 , 28, 2687-2700	5
746	Phytoplankton responses to adaptive management interventions in eutrophic urban estuaries. 2019 , 693, 133601	17
745	Does prey elemental stoichiometry influence copepod movement over ontogeny?. 2019 , 64, 2467-2477	4
744	Changes in infaunal assemblage structure influence nutrient fluxes in sediment enriched by mussel biodeposition. 2019 , 692, 39-48	12
743	Non-Random Distribution and Ecophysiological Differentiation of <i>Pyropia</i> Species (Bangiales, Rhodophyta) Through Environmental Gradients. 2019 , 55, 1140-1153	2
742	Expected Shifts in Nekton Community Following Salinity Reduction: Insights into Restoration and Management of Transitional Water Habitats. 2019 , 11, 1354	6

741	Persistent contaminants as potential constraints on the recovery of urban river food webs from gross pollution. 2019 , 163, 114858	21
740	Are traded forest tree seeds a potential source of nonnative pests?. 2019 , 29, e01971	18
739	Long-term responses of desert ant assemblages to climate. 2019 , 88, 1549-1563	15
738	Thermal stress modifies the marine sponge virome. 2019 , 11, 690-698	7
737	Advancing the integration of multi-marker metabarcoding data in dietary analysis of trophic generalists. 2019 , 19, 1420-1432	27
736	The plastisphere in marine ecosystem hosts potential specific microbial degraders including <i>Alcanivorax borkumensis</i> as a key player for the low-density polyethylene degradation. 2019 , 380, 120899	100
735	Composition of soil organic matter drives total loss of dieldrin and dichlorodiphenyltrichloroethane in high-value pastures over thirty years. 2019 , 691, 135-145	7
734	Functional shifts in bird communities from semi-natural oak forests to conifer plantations are not consistent across Europe. 2019 , 14, e0220155	7
733	Diatoms associated with two South African kelp species: <i>Ecklonia maxima</i> and <i>Laminaria pallida</i> . 2019 , 41, 221-229	6
732	Examining the role of parasites in limiting unidirectional gene flow between lake and river sticklebacks. 2019 , 88, 1986-1997	2
731	Trait-based life-history strategies explain succession scenario for complex bacterial communities under varying disturbance. 2019 , 21, 3751-3764	12
730	Microbial communities in top- and subsoil of repacked soil columns respond differently to amendments but their diversity is negatively correlated with plant productivity. 2019 , 9, 8890	14
729	Interannual comparison of core taxa and community composition of the blow microbiota from East Australian humpback whales. 2019 , 95,	8
728	Replanting of first-cycle oil palm results in a second wave of biodiversity loss. 2019 , 9, 6433-6443	6
727	Patterns of predation on native and invasive alien fish in Mediterranean protected and unprotected areas. 2019 , 150, 104792	5
726	Induces Immune Enhancing and Shapes Gut Microbiota in Social Wasps. 2019 , 10, 2320	8
725	Soil chloride content influences the response of bacterial but not fungal diversity to silver nanoparticles entering soil via wastewater treatment processing. 2019 , 255, 113274	5
724	A trait-based framework for understanding predator-prey relationships: Trait matching between a specialist snake and its insect prey. 2019 , 33, 2354-2368	4

723	Novel model-based clustering reveals ecologically differentiated bacterial genomes across a large climate gradient. 2019 , 22, 2077-2086	2
722	Environmental filtering structures fungal endophyte communities in tree bark. 2019 , 28, 5188-5198	10
721	Digging mammal reintroductions reduce termite biomass and alter assemblage composition along an aridity gradient. 2019 , 191, 645-656	2
720	The biodiversity benefit of native forests and mixed-species plantations over monoculture plantations. 2019 , 25, 1721-1735	27
719	The bacterial community in potato is recruited from soil and partly inherited across generations. 2019 , 14, e0223691	11
718	Fungal Diversity in Intertidal Mudflats and Abandoned Solar Salterns as a Source for Biological Resources. 2019 , 17,	7
717	Site-Specific Microbial Decomposer Communities Do Not Imply Faster Decomposition: Results from a Litter Transplantation Experiment. 2019 , 7,	11
716	Habitat filters mediate successional trajectories in bacterial communities associated with the striped shore crab. 2019 , 191, 957-970	2
715	A critique of 'countryside biogeography' as a guide to research in human-dominated landscapes. 2019 , 46, 2850-2859	6
714	Preceding crop and tillage system affect winter survival of wheat and the fungal communities on young wheat roots and in soil. 2019 , 366,	7
713	gllvm: Fast analysis of multivariate abundance data with generalized linear latent variable models in r. <i>Methods in Ecology and Evolution</i> , 2019 , 10, 2173-2182	7-7 33
712	Incorporating habitat suitability into community projections: Ant responses to climate change in the Australian Wet Tropics. 2019 , 25, 1273	6
711	Genetic diversity of primate strongylid nematodes: Do sympatric nonhuman primates and humans share their strongylid worms?. 2019 , 28, 4786-4797	7
710	Cholestasis induced by bile duct ligation promotes changes in the intestinal microbiome in mice. 2019 , 9, 12324	12
709	River organisms as indicators of the distribution and sources of persistent organic pollutants in contrasting catchments. 2019 , 255, 113144	8
708	Valorization of agricultural wastes could improve soil fertility and mitigate soil direct NO emissions. 2019 , 250, 109389	11
707	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. 2019 , 101, 313-323	28
706	Genomic diversity landscape of the honey bee gut microbiota. 2019 , 10, 446	93

705	Are drivers of root-associated fungal community structure context specific?. 2019 , 13, 1330-1344	32
704	Ectomycorrhizal fungi and soil enzymes exhibit contrasting patterns along elevation gradients in southern Patagonia. 2019 , 222, 1936-1950	34
703	Camera-trapping version 3.0: current constraints and future priorities for development. 2019 , 5, 209-223	41
702	Unicellular Cyanobacteria Are Important Components of Phytoplankton Communities in Australia's Northern Oceanic Ecoregions. 2018 , 9, 3356	5
701	Climate Indices, Water Temperature, and Fishing Predict Broad Scale Variation in Fishes on Temperate Reefs. 2019 , 6,	6
700	Key colonist pools and habitat filters mediate the composition of fiddler crab-associated bacterial communities. 2019 , 100, e02628	7
699	The role of fungi in heterogeneous sediment microbial networks. 2019 , 9, 7537	16
698	Shifts in Ectomycorrhizal Fungal Communities and Exploration Types Relate to the Environment and Fine-Root Traits Across Interior Douglas-Fir Forests of Western Canada. 2019 , 10, 643	25
697	Eukaryotic and cyanobacterial communities associated with marine snow particles in the oligotrophic Sargasso Sea. 2019 , 9, 8891	9
696	Good neighbors aplenty: fungal endophytes rarely exhibit competitive exclusion patterns across a span of woody habitats. 2019 , 100, e02790	11
695	Impacts of long-term elevated atmospheric CO concentrations on communities of arbuscular mycorrhizal fungi. 2019 , 28, 3445-3458	13
694	An experimental test of how parasites of predators can influence trophic cascades and ecosystem functioning. 2019 , 100, e02744	6
693	High bacterial diversity in nearshore and oceanic biofilms and their influence on larval settlement by <i>Hydroides elegans</i> (Polychaeta). 2019 , 21, 3472	13
692	Wood Decay Characteristics and Interspecific Interactions Control Bacterial Community Succession in (Bigtooth Aspen). 2019 , 10, 979	0
691	Effects of carbon nanotubes and derivatives of graphene oxide on soil bacterial diversity. 2019 , 682, 356-363	16
690	Fine-Scale Effects of Boat Moorings on Soft Sediment Communities Masked in Large-Scale Comparisons. 2019 , 6,	4
689	Predicting the response of nekton assemblages to seagrass transplantations in the Venice lagoon: An approach to assess ecological restoration. 2019 , 29, 849-864	5
688	Bats in a changing landscape: Linking occupancy and traits of a diverse montane bat community to fire regime. 2019 , 9, 5324-5337	13

687	Using the beta distribution to analyse plant cover data. 2019 , 107, 2747-2759	22
686	Mitigating the biodiversity footprint of energy crops A case study on arthropod diversity. 2019 , 125, 180-187	7
685	Entomological risk factors for potential transmission of Rift Valley fever virus around concentrations of livestock in Colorado. 2019 , 66, 1709-1717	8
684	Insect community structure covaries with host plant chemistry but is not affected by prior herbivory. 2019 , 100, e02739	6
683	Phaeobacter inhibens controls bacterial community assembly on a marine diatom. 2019 , 95,	12
682	PAC dosing to an MBBR - Effects on adsorption of micropollutants, nitrification and microbial community. 2019 , 677, 571-579	11
681	A comprehensive evaluation of predictive performance of 33 species distribution models at species and community levels. 2019 , 89, e01370	135
680	A 7000-year history of changing plant trait composition in an Amazonian landscape; the role of humans and climate. 2019 , 22, 925-935	17
679	Ant community patterns in highly fragmented Chaco forests of central Argentina. 2019 , 44, 668-679	5
678	Method-dependent influence of environmental variables on reef fish assemblages when comparing trap and video surveys. 2019 , 40, e12538	3
677	Root-Associated Fungal Communities From Two Phenologically Contrasting Silver Fir (Mill.) Groups of Trees. 2019 , 10, 214	11
676	Geosmithia species in southeastern USA and their affinity to beetle vectors and tree hosts. 2019 , 39, 168-183	7
675	Craniofacial Shape and Nonmetric Trait Variation in Hybrids of the Japanese Macaque (Macaca fuscata) and the Taiwanese Macaque (Macaca cyclopis). 2019 , 40, 214-243	4
674	Temperate airborne grass pollen defined by spatio-temporal shifts in community composition. 2019 , 3, 750-754	44
673	A pathway for multivariate analysis of ecological communities using copulas. 2019 , 9, 3276-3294	20
672	Future climate change is predicted to affect the microbiome and condition of habitat-forming kelp. 2019 , 286, 20181887	41
671	Rapid reshaping: the evolution of morphological changes in an introduced beach daisy. 2019 , 286, 20181713	9
670	Effects of graphene oxide and graphite on soil bacterial and fungal diversity. 2019 , 671, 140-148	13

669	Moths in the Pyrenees: spatio-temporal patterns and indicators of elevational assemblages. 2019 , 28, 1593-1610	0
668	Effects of park size, peri-urban forest spillover, and environmental filtering on diversity, structure, and morphology of ant assemblages in urban park. 2019 , 22, 643-656	3
667	A single application of fertiliser or manure to a cropping field has limited long-term effects on soil microbial communities. 2019 , 57, 228	3
666	Comparison of acoustic and traditional point count methods to assess bird diversity and composition in the Aberdare National Park, Kenya. 2019 , 57, 168-176	9
665	Clam population dynamics as an indicator of beach urbanization impacts. 2019 , 101, 926-932	7
664	Frequency of disturbance alters diversity, function, and underlying assembly mechanisms of complex bacterial communities. 2019 , 5, 8	34
663	Temperature, Wind, Cloud, and the Postglacial Tree Line History of Sub-Antarctic Campbell Island. 2019 , 10, 998	1
662	Spatial shifts and habitat partitioning of ichthyofauna within the middlelower region of the Pungwe Basin, Mozambique. 2019 , 34, 685-702	2
661	Short-Term Responses of Aquatic and Terrestrial Biodiversity to Riparian Restoration Measures Designed to Control the Invasive <i>Arundo donax</i> L.. 2019 , 11, 2551	7
660	Increased songbird nest depredation due to Aleppo pine (<i>Pinus halepensis</i>) encroachment in Mediterranean shrubland. 2019 , 19, 52	4
659	High-starch diets alter equine faecal microbiota and increase behavioural reactivity. 2019 , 9, 18621	19
658	Artificial Light Increases Local Predator Abundance, Predation Rates, and Herbivory. 2019 , 48, 1331-1339	13
657	Prescribed Fire Effects on Rangeland Dung Beetles (Coleoptera: Scarabaeinae, Aphodiinae) in the Southern Great Plains. 2019 , 72, 120-125	3
656	Effects of fire severity on the composition and functional traits of litter-dwelling macroinvertebrates in a temperate forest. 2019 , 434, 279-288	6
655	Plant and ant assemblages predicted to decouple under climate change. 2019 , 25, 551-567	6
654	Heat-killed lactobacilli alter both microbiota composition and behaviour. 2019 , 362, 213-223	42
653	Wood decomposition in aquatic and terrestrial ecosystems in the tropics: contrasting biotic and abiotic processes. 2019 , 95,	10
652	River modification reduces climate resilience of brown trout (<i>Salmo trutta</i>) populations in Ireland. 2019 , 26, 512-526	3

651	The response of wild bees to tree cover and rural land use is mediated by species' traits. 2019 , 231, 1-12	33
650	Abiotic contexts consistently influence mycorrhiza functioning independently of the composition of synthetic arbuscular mycorrhizal fungal communities. 2019 , 29, 127-139	9
649	Long-term silicate fertilization increases the abundance of Actinobacterial population in paddy soils. 2019 , 55, 109-120	18
648	Habitats and cardinal directions are key variables structuring spider leaf litter assemblages under <i>Searsia lancea</i> . 2019 , 73, 10-19	3
647	Distinct geographic clustering of oncogenic human papillomaviruses multiple infections in cervical cancers: Results from a worldwide cross-sectional study. 2019 , 144, 2478-2488	7
646	Moth responses to sympathetic hedgerow management in temperate farmland. 2019 , 270-271, 55-64	8
645	A century of change in North Sea plankton communities explored through integrating historical datasets. 2019 , 76, 104-112	2
644	Continental patterns in the diet of a top predator: Australia's dingo. 2019 , 49, 31-44	29
643	Do all roads lead to Rome? Exploring community trajectories in response to anthropogenic salinization and dilution of rivers. 2018 , 374,	14
642	Proximity to roads reduces acorn dispersal effectiveness by rodents: Implication for forest regeneration and management. 2019 , 433, 625-632	4
641	The impact of cattle grazing regimes on tropical savanna bird assemblages. 2019 , 44, 187-198	4
640	Predicting abundance and diversity of tree-related microhabitats in Central European montane forests from common forest attributes. 2019 , 432, 400-408	43
639	Sucrase-isomaltase 15Phe IBS risk variant in relation to dietary carbohydrates and faecal microbiota composition. 2019 , 68, 177-178	10
638	Comparing grasshopper (Orthoptera: Acrididae) communities on tallgrass prairie reconstructions and remnants in Missouri. 2020 , 13, 23-35	1
637	Changes of small mammal communities with the altitude gradient. 2020 , 75, 713-722	5
636	Soil heterogeneity increases plant diversity after 20 years of manipulation during grassland restoration. 2020 , 30, e02014	8
635	Demographic and environmental drivers of metagenomic viral diversity in vampire bats. 2020 , 29, 26-39	29
634	The effect of canopy openness of European beech (<i>Fagus sylvatica</i>) forests on ground-dwelling spider communities. 2020 , 13, 250-261	7

633	Physiological and Metabolic Effects of Yellow Mangosteen () Rind in Rats with Diet-Induced Metabolic Syndrome. 2019 , 21,	14
632	Extremely halophilic archaeal communities are resilient to short-term entombment in halite. 2021 , 23, 3370-3383	8
631	Temporal Responses of Microbial Communities to Anaerobic Soil Disinfestation. 2020 , 80, 191-201	4
630	Right-Censored Mixed Poisson Count Models with Detection Times. 2020 , 25, 112-132	1
629	Artificial light at night erases positive interactions across trophic levels. 2020 , 34, 694-706	13
628	Efficient but occasionally imperfect vertical transmission of gut mutualistic protists in a wood-feeding termite. 2020 , 29, 308-324	9
627	Responses of microbial communities to a gradient of pig manure amendment in red paddy soils. 2020 , 705, 135884	19
626	Ants drive invertebrate community response to cattle grazing. 2020 , 290, 106742	1
625	The Effect of Thermal Stress on the Bacterial Microbiome of. 2019 , 8,	6
624	The role of island physiography and oceanographic factors in shaping species richness and turnover of nesting seabird assemblages on islands across the south-eastern Pacific. 2020 , 47, 2611-2621	1
623	Viral ecogenomics across the Porifera. 2020 , 8, 144	6
622	Environmental and Microbial Interactions Shape Methane-Oxidizing Bacterial Communities in a Stratified Lake. 2020 , 11, 579427	5
621	Ulva lactuca as a functional ingredient and water bioremediator positively influences the hepatopancreas and water microbiota in the rearing of Litopenaeus vannamei. 2020 , 51, 102040	7
620	Physical Activity Shapes the Intestinal Microbiome and Immunity of Healthy Mice but Has No Protective Effects against Colitis in MUC2 Mice. 2020 , 5,	5
619	Wastewater Treatment Processing of Silver Nanoparticles Strongly Influences Their Effects on Soil Microbial Diversity. 2020 , 54, 13538-13547	7
618	Covariate-adjusted species response curves derived from long-term macroinvertebrate monitoring data using classical and contemporary model-based ordination methods. 2020 , 60, 101159	1
617	Comparing the effects of even-aged thinning and selective felling on boreal forest birds. 2020 , 475, 118404	4
616	Vegetation trajectories of restored agricultural wetlands following sediment removal. 2020 , 28, 612-622	2

615	Distinct Microbiota Dysbiosis in Patients with Non-Erosive Reflux Disease and Esophageal Adenocarcinoma. 2020 , 9,	11
614	Removing understory vegetation in oil palm agroforestry reduces ground-foraging ant abundance but not species richness. 2020 , 48, 26-36	4
613	Connectivity but not recruitment: Response of the fish community to a large-scale flood on a heavily regulated floodplain. 2020 , 13, e2194	5
612	New Species Assemblages Disrupt Obligatory Mutualisms Between Figs and Their Pollinators. 2020 , 8,	0
611	Gut Microbiota Predict Expansion but Not Vancomycin-Resistant Acquisition. 2020 , 5,	4
610	In situ resistance, not immigration, supports invertebrate community resilience to drought intensification in a Neotropical ecosystem. 2021 , 90, 2015-2026	1
609	Carbon and nitrogen cycling in Yedoma permafrost controlled by microbial functional limitations. 2020 , 13, 794-798	8
608	The Mouths of Estuaries Are Key Transition Zones that Concentrate the Ecological Effects of Predators. 2020 , 44, 1557	4
607	Sexual reproduction and saprotrophic dominance by the ambrosial fungus <i>Flavodon subulatus</i> (= <i>Flavodon ambrosius</i>). 2020 , 47, 100979	6
606	Fish assemblages of three common artificial reef designs during early colonization. 2020 , 157, 105994	7
605	Prevalence of antibiotic resistance and virulence genes in the biofilms from an aquifer recharged with stormwater. 2020 , 185, 116269	8
604	WITHDRAWN: Fish assemblages of three common artificial reef designs during early colonization. 2020 , 100021	
603	Ectomycorrhizal community composition of organic and mineral soil horizons in silver fir (<i>Abies alba</i> Mill.) stands. 2020 , 30, 541-553	2
602	Soil Bacterial Communities Exhibit Strong Biogeographic Patterns at Fine Taxonomic Resolution. 2020 , 5,	18
601	Respiratory microbiota of humpback whales may be reduced in diversity and richness the longer they fast. 2020 , 10, 12645	3
600	Bumblebee diversity and pollination networks along the elevation gradient of Mount Olympus, Greece. 2020 , 26, 1566-1581	5
599	Effect of Cathode Material and Its Size on the Abundance of Nitrogen Removal Functional Genes in Microcosms of Integrated Bioelectrochemical-Wetland Systems. 2020 , 4, 47	1
598	Lung and gut microbiota are altered by hyperoxia and contribute to oxygen-induced lung injury in mice. 2020 , 12,	31

597	Host-microbiota-insect interactions drive emergent virulence in a complex tree disease. 2020 , 287, 20200956	10
596	An Assessment of the Influence of Host Species, Age, and Thallus Part on Kelp-Associated Diatoms. 2020 , 12, 385	1
595	Stump removal and tree species composition promote a bacterial microbiome that may be beneficial in the suppression of root disease. 2020 , 97,	1
594	Optimizing Costs to Collect Local Infauna through Grabs: Effect of Sampling Size and Replication. 2020 , 12, 410	
593	Microbiota in Dung and Milk Differ Between Organic and Conventional Dairy Farms. 2020 , 11, 1746	1
592	Vegetation cover and biodiversity levels are driven by backfilling material in quarry restoration. 2020 , 195, 104839	6
591	Permafrost Microbial Community Structure Changes Across the Pleistocene-Holocene Boundary. 2020 , 8,	2
590	The role of hydro-environmental factors in Mayfly (Ephemeroptera, Insecta) community structure: Identifying threshold responses. 2020 , 10, 6919-6928	3
589	Facilitative priority effects drive parasite assembly under coinfection. 2020 , 4, 1510-1521	18
588	Abandoned fields and high plant diversity support high spider diversity within an agricultural mosaic in a biodiversity hotspot. 2020 , 29, 3757-3782	4
587	Invisible contaminants and food security in former coal mining areas of Santa Catarina, Southern Brazil. 2020 , 16, 44	2
586	A multivariate geostatistical framework for combining multiple indices of abundance for disease vectors and reservoirs: a case study of in a low-income urban Brazilian community. 2020 , 17, 20200398	1
585	Composition, structure and diversity of fish assemblages across seascape types at Príncipe, an understudied tropical island in the Gulf of Guinea (eastern Atlantic Ocean). 2020 , 42, 381-391	1
584	Soil Bacterial and Archaeal Communities and Their Potential to Perform N-Cycling Processes in Soils of Boreal Forests Growing on Well-Drained Peat. 2020 , 11, 591358	8
583	The structure of temperate yellowjacket communities is affected by land development and loss of forest cover. 2020 , 23, 269	
582	DNA-Based Arthropod Diversity Assessment in Amazonian Iron Mine Lands Show Ecological Succession Towards Undisturbed Reference Sites. 2020 , 8,	1
581	Habitat type and interannual variation shape unique fungal pathogen communities on a California native bunchgrass. 2020 , 48,	0
580	Microbiomes of a specialist caterpillar are consistent across different habitats but also resemble the local soil microbial communities. 2020 , 2, 37	7

579	Patterns of Diversity in the Symbiotic Mite Assemblage of the Mountain Pine Beetle, <i>Dendroctonus Ponderosae</i> Hopkins. 2020 , 11, 1102	2
578	Bacterial Communities Show Algal Host (spp.)/Zone Differentiation Across the Stress Gradient of the Intertidal Zone. 2020 , 11, 563118	5
577	Moderate phosphorus additions consistently affect community composition of arbuscular mycorrhizal fungi in tropical montane forests in southern Ecuador. 2020 , 227, 1505-1518	10
576	Small burrowing amphipods cause major damage in a large kelp. 2020 , 287, 20200330	6
575	Tracing the early steps of competition-driven eco-morphological divergence in two sister species of passerines. 2020 , 34, 501-524	5
574	Soil and root nutrient chemistry structure root-associated fungal assemblages in temperate forests. 2020 , 22, 3081-3095	7
573	The ecological implications of rubber-based agroforestry: Insect conservation and invasion control. 2020 , 57, 1605-1618	3
572	Diversity and succession of riparian plant communities along riverbanks bioengineered for erosion control: a case study in the foothills of the Alps and the Jura Mountains. 2020 , 152, 105880	14
571	How do microbiota associated with an invasive seaweed vary across scales?. 2020 , 29, 2094-2108	13
570	Microbiota characterization of <i>Exaiptasia diaphana</i> from the Great Barrier Reef. 2020 , 2, 10	5
569	Site conditions for regeneration of climax species, the key for restoring moist deciduous tropical forest in Southern Vietnam. 2020 , 15, e0233524	1
568	An invasive fish promotes invasive plants in Minnesota lakes. 2020 , 65, 1608-1621	2
567	Macroecological patterns in flower colour are shaped by both biotic and abiotic factors. 2020 , 228, 1972-1985	19
566	Grazing by wild red deer maintains characteristic vegetation of semi-natural open habitats: Evidence from a three-year exclusion experiment. 2020 , 23, 522-538	6
565	Environmental correlates of reptile variation on the Houtman Abrolhos archipelago, eastern Indian Ocean. 2020 , 47, 2017-2028	2
564	Measuring the fate of different diluted bitumen products in coastal surface waters. 2020 , 153, 111003	9
563	Increased Bacterial Richness Associated With Lesions Within the <i>Porites</i> spp. of Vietnam. 2020 , 8,	
562	Environmental Drivers of Seabird At-Sea Distribution in the Eastern South Pacific Ocean: Assemblage Composition Across a Longitudinal Productivity Gradient. 2020 , 6,	6

561	Converting SACFOR data for statistical analysis: validation, demonstration and further possibilities. 2020 , 13,	0
560	Distinct fungal successional trajectories following wildfire between soil horizons in a cold-temperate forest. 2020 , 227, 572-587	19
559	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. 2020 , 15, e0228157	0
558	Temporal changes in bird communities of wind-affected coniferous mountain forest in differently disturbed stands (High Tatra Mts., Slovakia). 2020 , 75, 1931-1943	1
557	Restoration measures emulating natural disturbances alter beetle assemblages in boreal forest. 2020 , 462, 117934	4
556	Linking plant litter microbial diversity to microhabitat conditions, environmental gradients and litter mass loss: Insights from a European study using standard litter bags. 2020 , 144, 107778	11
555	Arthropod traits and assemblages differ between core patches, transient stepping-stones and landscape corridors. 2020 , 35, 937-952	1
554	Biotic and abiotic factors shape arbuscular mycorrhizal fungal communities associated with the roots of the widespread fern <i>Botrychium lunaria</i> (Ophioglossaceae). 2020 , 12, 342-354	4
553	Changing bird communities of an agricultural landscape: declines in arboreal foragers, increases in large species. 2020 , 7, 200076	7
552	Does sociality drive diversity and composition of airway microbiota in cetaceans?. 2020 , 12, 324-333	3
551	Divergence of riparian forest composition and functional traits from natural succession along a degraded river with multiple stressor legacies. 2020 , 721, 137730	9
550	Dung beetles and the conservation of diversity in an agricultural landscape with maize fields and Atlantic Forest remnants. 2020 , 107, 103598	1
549	Macroinvertebrate communities in streams with contrasting water sources in the Japanese Alps. 2020 , 10, 7812-7825	3
548	Landscape-level determinants of the spread and impact of invasive grasses in protected areas. 2020 , 22, 3083-3099	2
547	A Flexible Model-based Approach to Delineate Wildlife Management Units. 2020 , 44, 77-85	6
546	Fluctuating pond water levels and aquatic insect persistence in a drought-prone Mediterranean-type climate. 2020 , 847, 1315-1326	14
545	Habitat-specific effects of bark on wood decomposition: Influences of fragmentation, nitrogen concentration and microbial community composition. 2020 , 34, 1123-1133	5
544	Harmony on the prairie? Grassland plant and animal community responses to variation in climate across land-use gradients. 2020 , 101, e02986	9

543	High quality remnant patches in a complex agricultural landscape sustain high spider diversity. 2020 , 243, 108480	9
542	Taxonomic and Functional Response of Millipedes (Diplopoda) to Urban Soil Disturbance in a Metropolitan Area. 2019 , 11,	5
541	Should ecologists prefer model- over distance-based multivariate methods?. 2020 , 10, 2417-2435	10
540	Short-term flooding increases CH and NO emissions from trees in a riparian forest soil-stem continuum. 2020 , 10, 3204	18
539	Characterization of wild bee communities in apple and blueberry orchards. 2020 , 22, 157-168	2
538	Bioactive carbon improves nitrogen fertiliser efficiency and ecological sustainability. 2020 , 10, 3227	5
537	Universal Dermal Microbiome in Human Skin. 2020 , 11,	39
536	Linking ecosystem condition and landscape context in the conservation of ecosystem multifunctionality. 2020 , 243, 108479	5
535	Modulation of gut microbiota by spent coffee grounds attenuates diet-induced metabolic syndrome in rats. 2020 , 34, 4783-4797	12
534	Low-level dissolved organic carbon subsidies drive a trophic upsurge in a boreal stream. 2020 , 65, 920-934	2
533	Lung Microbiota Predict Clinical Outcomes in Critically Ill Patients. 2020 , 201, 555-563	85
532	Analysis of interdomain taxonomic patterns in urban street mats. 2020 , 22, 1280-1293	1
531	Implications of heathland management for ant species composition and diversity s heathland management causing biotic homogenization?. 2020 , 242, 108422	0
530	Effects of macroalgae on coral fecundity in a degraded coral reef system. 2020 , 151, 110890	6
529	Cryptogams signify key transitions of bacteria and fungi in Arctic sand dune succession. 2020 , 226, 1836-1849	2
528	Dark septate endophyte improves salt tolerance of native and invasive lineages of <i>Phragmites australis</i> . 2020 , 14, 1943-1954	23
527	Facilitation cascades create a predation refuge for biodiversity in a novel connected habitat. 2020 , 11, e03053	4
526	Contact- and Water-Mediated Effects of Macroalgae on the Physiology and Microbiome of Three Indo-Pacific Coral Species. 2020 , 6,	3

525	Vulnerability of Demersal Fish Assemblages to Trawling Activities: A Traits-Based Index. 2020 , 7,	5
524	Species specificity and intraspecific variation in the chemical profiles of butterflies across a large geographic range. 2020 , 10, 3895-3918	12
523	Ecological preferences of neotropical cave bats in roost site selection and their implications for conservation. 2020 , 45, 31-41	5
522	Zooplankton community modulated by spatial and tidal changes in the Bah� Blanca Estuary, Argentina. 2020 , 36, 101277	0
521	Direct seeding associated with a mixture of winter cover crops decreases weed abundance while increasing cash-crop yields. 2020 , 200, 104622	2
520	Long-term benefits and short-term costs: small vertebrate responses to predator exclusion and native mammal reintroductions in south-western New South Wales, Australia. 2020 , 47, 570	9
519	Long-term effects of stump removal and tree species composition on the diversity and structure of soil fungal communities. 2020 , 96,	4
518	Comparative analysis of the total and active bacterial communities in the surface sediment of Lake Taihu. 2020 , 96,	4
517	Revegetation of urban green space rewilds soil microbiotas with implications for human health and urban design. 2020 , 28, S322	23
516	Supervised machine learning is superior to indicator value inference in monitoring the environmental impacts of salmon aquaculture using eDNA metabarcodes. 2021 , 30, 2988-3006	16
515	Habitat-scale heterogeneity maintains fungal endophyte diversity in two native prairie legumes. 2021 , 113, 20-32	1
514	Chicago� fish assemblage over ~30 years �more fish and more native species. 2021 , 24, 311-325	2
513	Unexpected sensitivity of the highly invasive spider to soil disturbance in grasslands. 2021 , 23, 1-6	4
512	Spatio-temporal variability of amphipod assemblages associated with rhodolith seabeds. 2021 , 72, 76	5
511	Reservoir fish assemblage structure across an aquatic ecotone: Can river-reservoir interfaces provide conservation and management opportunities?. 2021 , 28, 1-13	3
510	Arthropod abundance modulates bird community responses to urbanization. 2021 , 27, 34-49	9
509	Multiple stressors interact to impair the performance of bumblebee <i>Bombus terrestris</i> colonies. 2021 , 90, 415-431	10
508	Bacterial communities as indicators of environmental pollution by POPs in marine sediments. 2021 , 268, 115690	11

507	Site preparation impacts on soil biotic and abiotic properties, weed control, and native grass establishment. 2021 , 29, e13297	2
506	Relationships between nitrogen cycling microbial community abundance and composition reveal the indirect effect of soil pH on oak decline. 2021 , 15, 623-635	14
505	Money spider dietary choice in pre- and post-harvest cereal crops using metabarcoding. 2021 , 46, 249-261	9
504	Long-term river management legacies strongly alter riparian forest attributes and constrain restoration strategies along a large, multi-use river. 2021 , 279, 111630	3
503	Seasonal changes and the unexpected impact of environmental disturbance on skin bacteria of individual amphibians in a natural habitat. 2021 , 97,	3
502	Microplastic pollution alters forest soil microbiome. 2021 , 409, 124606	34
501	Assessing the effects of oil palm replanting on arthropod biodiversity. 2021 , 58, 27-43	1
500	Coinfection and infection duration shape how pathogens affect the African buffalo gut microbiota. 2021 , 15, 1359-1371	1
499	Logging drives contrasting animal body-size effects on tropical forest mammal communities. 2021 , 481, 118700	1
498	Endozoochory of the same community of plants lacking fleshy fruits by storks and gulls. 2021 , 32,	10
497	Experimental evidence for ecological cascades following threatened mammal reintroduction. 2021 , 102, e03191	3
496	Consequences of information suppression in ecological and conservation sciences. 2021 , 14, e12757	7
495	Intraspecific Variability in Root Traits and Edaphic Conditions Influence Soil Microbiomes Across 12 Switchgrass Cultivars. 2021 , 5, 108-120	6
494	European native oysters and associated species richness in the presence of non-native species in a southern North Sea estuary complex. 2021 , 3, e361	0
493	Microbial retention and resistances in stormwater quality improvement devices treating road runoff. 2021 , 2,	0
492	MEDI: Macronutrient Extraction and Determination from invertebrates, a rapid, cheap and streamlined protocol. <i>Methods in Ecology and Evolution</i> , 2021 , 12, 593-601	7-7 2
491	Impacts of the removal of invasive <i>Carpobrotus</i> on spider assemblage dynamics. 2021 , 30, 497-518	3
490	Sandbar shark aggregation in the central Mediterranean Sea and potential effects of tourism. 2021 , 31, 1420-1428	0

489	Potentially negative ecological consequences of animal redistribution on beaches during COVID-19 lockdown. 2021 , 253, 108926	18
488	Stochastic processes and ecological connectivity drive stream invertebrate community responses to short-term drought. 2021 , 90, 886-898	4
487	Highly abundant core taxa in the blow within and across captive bottlenose dolphins provide evidence for a temporally stable airway microbiota. 2021 , 21, 20	1
486	The role of host promiscuity in the invasion process of a seaweed holobiont. 2021 , 15, 1668-1679	6
485	Effect of heavy metal-induced stress on two extremophilic microbial communities from Cavihue-Copahue, Argentina. 2021 , 268, 115709	0
484	Ocean acidification locks algal communities in a species-poor early successional stage. 2021 , 27, 2174-2187	7
483	Changes in bat activity over 10 years in silviculturally treated wet sclerophyll forest. 2021 , 43, 179	0
482	Microbial retention and resistances in stormwater quality improvement devices treating road runoff.	
481	Full Issue PDF. 2021 , 5, 1-120	
480	The microbiomes on the roots of wheat (<i>Triticum aestivum</i> L.) and rice (<i>Oryza sativa</i> L.) exhibit significant differences in structure between root types and along root axes. 2021 , 48, 871-888	3
479	Mid-elevational Peaks in Diversity of Ground-dwelling Arthropods with High Species Turnover on the Colorado Plateau. 2021 , 50, 337-347	2
478	Closely related tree species support distinct communities of seed-associated fungi in a lowland tropical forest. 2021 , 109, 1858-1872	5
477	Size fractionation of bioaerosol emissions from green-waste composting. 2021 , 147, 106327	5
476	Webs of well-designed conservation corridors maintain river ecosystem integrity and biodiversity in plantation mosaics. 2021 , 254, 108965	2
475	Next-Generation Camera Trapping: Systematic Review of Historic Trends Suggests Keys to Expanded Research Applications in Ecology and Conservation. 2021 , 9,	9
474	Role of morphology in shaping the feeding niche of fishes inhabiting Eastern Himalayan torrential rivers of West Bengal, India. 2021 , 30, 444-465	0
473	Invasive knotweed modifies predator-prey interactions in the soil food web. 2021 , 23, 1987-2002	1
472	Warming effects on wood decomposition depend on fungal assembly history. 2021 , 109, 1919-1930	4

471	Field Translocation of Mountain Pine Beetles Suggests Phoretic Mite Communities Are Locally Adapted, and Mite Populations Respond Variably to Climate Warming. 2021 , 12,	1
470	Spatial and temporal dynamics of fish assemblages in a desert reservoir over 38 years. 2021 , 848, 1231-1248	1
469	Using eDNA Metabarcoding to Monitor Changes in Fish Community Composition After Barrier Removal. 2021 , 9,	5
468	Impacts of agrochemical intensification on the assembly and reassembly of a mainland-island model metacommunity.	
467	Environmental Drivers of Mesophotic Echinoderm Assemblages of the Southeastern Pacific Ocean. 2021 , 8,	2
466	Compost Samples from Different Temperature Zones as a Model to Study Co-occurrence of Thermophilic and Psychrophilic Bacterial Population: a Metagenomics Approach. 2021 , 78, 1903-1913	0
465	Reforestations of Tropical Forests Alter Interactions Between Web-Building Spiders and Their Prey. 1	3
464	Functional diversity and trait filtering of insectivorous bats relate to forest biogeography and fragmentation in South Africa. 2021 , 48, 1170-1182	2
463	Temperate southern Australian coastal waters are characterised by surprisingly high rates of nitrogen fixation and diversity of diazotrophs. 2021 , 9, e10809	3
462	Terrestrial Dissolved Organic Matter Mobilized From Eroding Permafrost Controls Microbial Community Composition and Growth in Arctic Coastal Zones. 2021 , 9,	1
461	Impacts of elevated atmospheric CO on arbuscular mycorrhizal fungi and their role in moderating plant allometric partitioning. 2021 , 31, 423-430	3
460	DNA metabarcoding of prey reveals spatial, temporal and diet partitioning of an island ecosystem by four invasive wasps. 2021 , 58, 1199-1211	2
459	Consequences of the reintroduction of regionally extinct mammals for vegetation composition and structure at two established reintroduction sites in semi-arid Australia. 2021 , 46, 653-669	1
458	Tussock Circumference, Land Use Type and Drought Variably Influence Spider Assemblages Associated with <i>Hyparrhenia hirta</i> Grass Tussocks. 2021 , 29,	
457	32 years of essential management to retain value of an urban dragonfly awareness pond. 2021 , 24, 1295	
456	Seafloor deposition of water-based drill cuttings generates distinctive and lengthy sediment bacterial community changes. 2021 , 164, 111987	0
455	The gut mycobiome of healthy mice is shaped by the environment and correlates with metabolic outcomes in response to diet. 2021 , 4, 281	10
454	Changes in diversity and community assembly of jumping spiders (Araneae: Salticidae) after rainforest conversion to rubber and oil palm plantations. 2021 , 9, e11012	2

- 453 Do Aerial Nitrogen Depositions Affect Fungal and Bacterial Communities of Oak Leaves?. **2021**, 12, 633535
- 452 Identifying "Useful" Fitness Models: Balancing the Benefits of Added Complexity with Realistic Data Requirements in Models of Individual Plant Fitness. **2021**, 197, 415-433 4
- 451 Long-term inorganic nitrogen application changes the ammonia-oxidizing archaeal community composition in paddy soils. **2021**, 72, 2246-2260 1
- 450 Characterization of maize root microbiome in two different soils by minimizing plant DNA contamination in metabarcoding analysis. **2021**, 57, 731-737 3
- 449 Electron Acceptor Availability Shapes Anaerobically Methane Oxidizing Archaea (ANME) Communities in South Georgia Sediments. **2021**, 12, 617280 3
- 448 Stock delineation of striped snakehead, *Channa striata* using multivariate generalised linear models with otolith shape and chemistry data. **2021**, 11, 8158 0
- 447 The closer the better? Relative influence of forest continuity and distance to water on the taxonomic and functional structure of riparian plant communities along headwater streams. **2021**, 24, e12591
- 446 Microbial community characterization of shrimp survivors to AHPND challenge test treated with an effective shrimp probiotic (*Vibrio diabolus*). **2021**, 9, 88 8
- 445 Coupled Shifts in Ectomycorrhizal Communities and Plant Uptake of Organic Nitrogen Along a Soil Gradient: An Isotopic Perspective. 1 4
- 444 Organic farming promotes arthropod predators, but this depends on neighbouring patches of natural vegetation. **2021**, 310, 107295 4
- 443 Feeding habits and trophic interactions of four sympatric hammerhead shark species reveal trophic niche partitioning. **2021**, 665, 159-175 1
- 442 Assessing the Australian Termite Diversity Anomaly: How Habitat and Rainfall Affect Termite Assemblages. **2021**, 9, 4
- 441 Optimizing speleological monitoring efforts: insights from long-term data for tropical iron caves. **2021**, 9, e11271 1
- 440 Are cleaner fish clean?. **2021**, 168, 1 0
- 439 Microbiomes of willow-galling sawflies: effects of host plant, gall type, and phylogeny on community structure and function. **2021**, 64, 615-626 0
- 438 Habitat alteration modifies the structure and function of mixed-species flocks in an Andean landscape. **2021**, 53, 1153-1162 3
- 437 An assessment of the invasive alien tree, *Robinia pseudoacacia* canopy traits and its effect on grassland microclimates and subsequent arthropod assemblages. **2021**, 25, 429-439 2
- 436 Congruency between adult male dragonflies and their larvae in river systems is relative to spatial grain. **2021**, 124, 107390 1

435	The value of novel ecosystems: Disclosing the ecological quality of quarry lakes. 2021 , 769, 144294	8
434	Enhancing flowering plant functional richness improves wild bee diversity in vineyard inter-rows in different floral kingdoms. 2021 , 11, 7927-7945	2
433	The ecological impacts of multiple environmental stressors on coastal biofilm bacteria. 2021 , 27, 3166-3178	2
432	Environmental drivers of ichthyofauna community composition of the river ecosystems draining the Lake St. Lucia basin, South Africa. 2021 , 848, 3539	0
431	Compartmentalization of bacterial and fungal microbiomes in the gut of adult honeybees. 2021 , 7, 42	6
430	Social-ecological interactions in the Draa River Basin, southern Morocco: Towards nature conservation and human well-being using the IPBES framework. 2021 , 769, 144492	5
429	Fungal community response to long-term soil warming with potential implications for soil carbon dynamics. 2021 , 12, e03460	5
428	Model-based ordination for species with unequal niche widths. <i>Methods in Ecology and Evolution</i> , 2021 , 12, 1288-1300	7.7 2
427	A habitat-based approach to determining the effects of drought on aridland bird communities. 2021 , 138,	1
426	Environmental DNA reveals links between abundance and composition of airborne grass pollen and respiratory health. 2021 , 31, 1995-2003.e4	8
425	Predation favours butterflies with fewer forewing eyespots. 2021 , 288, 20202840	0
424	Consistent patterns of fungal communities within ant-plants across a large geographic range strongly suggest a multipartite mutualism. 2021 , 20, 681-699	3
423	Converting rangelands to reserves: Small mammal and reptile responses 24 years after domestic livestock grazing removal. 2021 , 46, 1112	0
422	Multivariate Abundance Analysis of Multi-Host/Multi-Parasite Lungworms in a Sympatric Wild Ruminant Population. 2021 , 13, 227	2
421	Targeted elimination of species-rich larval habitats can rapidly collapse arbovirus vector mosquito populations at hotel compounds in Zanzibar. 2021 , 35, 523-533	2
420	Ecological scaling in mangroves: The role of microhabitats for the distribution of larval assemblages. 2021 , 253, 107318	1
419	A group of ectomycorrhizal fungi restricts organic matter accumulation in boreal forest. 2021 , 24, 1341-1351	11
418	Fine-scale responses of mobile invertebrates and mesopredatory fish to habitat configuration. 2021 , 168, 105319	1

417	A tale of two grasslands: how belowground storage organs coordinate their traits with water-use traits. 2021 , 465, 533-548	0
416	Reindeer control over subarctic treeline alters soil fungal communities with potential consequences for soil carbon storage. 2021 , 27, 4254-4268	2
415	Attraction versus production in restoration: spatial and habitat effects of shellfish reefs for fish in coastal seascapes. 2021 , 29, e13413	2
414	Land-use history alters the diversity, community composition and interaction networks of ectomycorrhizal fungi in beech forests. 2021 , 109, 2856-2870	2
413	Riparian land use and in-channel stressors drive fish community structure in the Yangtze River. 2021 , 36, 3079-3095	0
412	Do fine-scale experiments underestimate predator consumption rates?. 2021 , 90, 2391-2403	
411	Temperature and multiple parasites combine to alter host community structure. 2021 , 130, 1500-1511	2
410	The surface bacterial community of an Australian kelp shows cross-continental variation and relative stability within regions. 2021 , 97,	1
409	Assessing the Diversity and Biomedical Potential of Microbes Associated With the Neptune's Cup Sponge,. 2021 , 12, 631445	0
408	Lung microbiota predict chronic rejection in healthy lung transplant recipients: a prospective cohort study. 2021 , 9, 601-612	11
407	Species Distribution Modeling for Machine Learning Practitioners: A Review. 2021 ,	2
406	Intense mowing management suppresses invader, but shifts competitive resistance by a native to facilitation. e13483	2
405	Small-scale traditional maize farming fosters greater arthropod diversity value than conventional maize farming. 1	1
404	Impacts of an Amazonian hydroelectric dam on frog assemblages. 2021 , 16, e0244580	2
403	Shifts in the Abundances of Saprotrophic and Ectomycorrhizal Fungi With Altered Leaf Litter Inputs. 2021 , 12, 682142	3
402	The effect of inter- and intraspecific competition on individual and population niche widths: a four-decade study on two interacting salmonids. 2021 , 130, 1679	1
401	Assessing the value of restoration plantings for wildlife in a temperate agricultural landscape. e13470	4
400	Manipulating exudate composition from root apices shapes the microbiome throughout the root system. 2021 , 187, 2279-2295	5

- 399 The ecological impact of pest-induced tree dieback on insect biodiversity in Yunnan pine plantations, China. **2021**, 491, 119173 5
- 398 Response of fungal communities to fire in a subtropical peatland. **2021**, 466, 525-543 0
- 397 Recovery of woody but not herbaceous native flora 10 years post old-field restoration. **2021**, 2, e12097 3
- 396 Trait-Environment Relationships Reveal the Success of Alien Plants Invasiveness in an Urbanized Landscape. **2021**, 10, 0
- 395 Hydrology drives variation in spawning phenologies and diversity of larval assemblages of Australian wet-dry tropical fish. **2021**, 66, 1949-1967 2
- 394 A rapid method for quantifying small-scale vegetation patch structure to complement conventional quadrat surveys. **2021**, 24, e12610
- 393 Testing the effects of ecologically extinct mammals on vegetation in arid Australia: A long-term experimental approach.
- 392 Replacing native mammal assemblages with livestock in African savannahs, impacts dung beetle diversity and reduces body size. **2021**, 260, 109211 2
- 391 Understanding arid-region waterbird community dynamics during lake dry-downs. **2021**, 12, e03668
- 390 Responses of calcareous grassland plant communities to changed seasonal grazing management: Results of a 31 year study. **2021**, 62, 126026 1
- 389 Bacterial controlled mitigation of dysbiosis in a seaweed disease. **2021**, 3
- 388 Reindeer grazing history determines the responses of subarctic soil fungal communities to warming and fertilization. **2021**, 232, 788-801 1
- 387 Windthrows promote higher diversity of saproxylic beetles (Coleoptera: Passalidae) in a Central Amazon forest. 0
- 386 Understanding the effects of climate change via disturbance on pristine arctic lakes: multitrophic level response and recovery to a 12-yr, low-level fertilization experiment. 1
- 385 Environmental stress leads to genome streamlining in a widely distributed species of soil bacteria. **2021**, 3
- 384 Dynamics of the fecal microbiome and antimicrobial resistome in commercial piglets during the weaning period. **2021**, 11, 18091 0
- 383 Avifaunal use of an artificial waterpoint in the Strzelecki Desert during an extended dry period. 1-6 0
- 382 Influence of reduced-impact logging on Central Amazonian bats using a before-after-control-impact design. 0

381	Influence of European Beech (Fagales: Fagaceae) Rot Hole Habitat Characteristics on Invertebrate Community Structure and Diversity. 2021 , 21,	1
380	Aridity modulates belowground bacterial community dynamics in olive tree. 2021 , 23, 6275-6291	1
379	Effects of <i>Ailanthus altissima</i> Invasion and Removal on High-Biodiversity Mediterranean Grasslands. 2021 , 68, 914-927	0
378	Mangroves are an overlooked hotspot of insect diversity despite low plant diversity. 2021 , 19, 202	2
377	Functional traits and environment drive montane amphibian distribution in the southern Philippines. 2021 , 30, 4177	
376	Habitat complementarity and butterfly traits are essential considerations when mitigating the effects of exotic plantation forestry. 1	1
375	Evaluating the conservation value of sacred forests for ant taxonomic, functional and phylogenetic diversity in highly degraded landscapes. 2021 , 261, 109286	0
374	Does soil bioengineering benefits aquatic biodiversity? An empirical study of the relative influence of local and regional drivers on benthic macroinvertebrate assemblages. 2021 , 168, 106287	2
373	Arable fields as potential reservoirs of biodiversity: Earthworm populations increase in new leys. 2021 , 789, 147880	2
372	Local habitat factors and spatial connectivity jointly shape an urban insect community. 2021 , 214, 104177	3
371	Microbial biofilm composition and polymer degradation of compostable and non-compostable plastics immersed in the marine environment. 2021 , 419, 126526	8
370	Follow the forest: Slow resilience of West African rainforest frog assemblages after selective logging. 2021 , 497, 119489	0
369	Jellyfish degradation in a shallow coastal Mediterranean lagoon. 2021 , 261, 107527	1
368	Impacts of large and small barriers on fish assemblage composition assessed using environmental DNA metabarcoding. 2021 , 790, 148054	3
367	Assessing changes in stream macroinvertebrate communities across ecological gradients using morphological versus DNA metabarcoding approaches. 2021 , 797, 149030	0
366	Nest guarding behaviour of a temperate wrasse differs between sites off Mediterranean CO seeps. 2021 , 799, 149376	0
365	A spatiotemporal framework reveals contrasting factors shape biocrust microbial and microfaunal communities in the Chihuahuan Desert. 2022 , 405, 115409	2
364	A summer and winter. 2021 ,	

363	Shifts in honeybee foraging reveal historical changes in floral resources. 2021 , 4, 37	12
362	Epidemiological approach to nematode polyparasitism occurring in a sympatric wild ruminant multi-host scenario. 2021 , 95, e29	4
361	Remediation of Toxic Metal-Contaminated Soil and Its Revitalisation with Arbuscular Mycorrhizal Fungi. 2021 , 469-489	1
360	Alien Species and the Impact on Sand Dunes Along the NE Adriatic Coast. 2019 , 113-143	1
359	Little giants: a rapidly invading seagrass alters ecosystem functioning relative to native foundation species. 2020 , 167, 1	13
358	Impacts of oil palm expansion on avian biodiversity in a Neotropical natural savanna. 2017 , 213, 225-233	12
357	First simultaneous assessment of macro- and meiobenthic community response to juvenile shellfish culture in a Mediterranean coastal lagoon (Thau, France). 2020 , 115, 106462	8
356	Community-wide integration of floral colour and scent in a Mediterranean scrubland. 2017 , 1, 1502-1510	59
355	Comparing DADA2 and OTU clustering approaches in studying the bacterial communities of atopic dermatitis. 2020 , 69, 1293-1302	5
354	Accuracy, limitations and cost-efficiency of eDNA-based community survey in tropical frogs.	1
353	A molecular approach to studying Hymenoptera diets using polistine wasps.	1
352	Mangroves are an overlooked hotspot of insect diversity despite low plant diversity.	1
351	Frequency of disturbance alters diversity, function, and underlying assembly mechanisms of complex bacterial communities.	0
350	Modelling palaeoecological time series using generalized additive models.	5
349	Temperate grass allergy season defined by spatio-temporal shifts in airborne pollen communities.	2
348	Dirichlet-multinomial modelling outperforms alternatives for analysis of microbiome and other ecological count data.	1
347	Addressing trait selection patterns in temporary ponds in response to wildfire disturbance and seasonal succession. 2020 , 89, 2134-2144	3
346	Arboreality increases reptile community resistance to disturbance from livestock grazing. 2018 , 55, 786-799	15

345	Shoot feeding as a nutrient acquisition strategy in free-living psylloids. 2013 , 8, e77990	18
344	Signals of climate change in butterfly communities in a Mediterranean protected area. 2014 , 9, e87245	35
343	Stepwise threshold clustering: a new method for genotyping MHC loci using next-generation sequencing technology. 2014 , 9, e100587	27
342	Structure of the epiphyte community in a tropical montane forest in SW China. 2015 , 10, e0122210	19
341	Food for Pollinators: Quantifying the Nectar and Pollen Resources of Urban Flower Meadows. 2016 , 11, e0158117	146
340	The PIT-trap-A "model-free" bootstrap procedure for inference about regression models with discrete, multivariate responses. 2017 , 12, e0181790	48
339	Effects of Farmland and Seasonal Phenology on Wild Bees in Blueberry Orchards. 2020 , 27,	1
338	Assemblage Structure and Seasonality of Mesophotic Phytoplankton of Corales de Profundidad National Natural Park, Colombian Caribbean. 2020 , 50, 188	1
337	Effects of habitat on reef fishes biodiversity and composition in rocky reefs. 2020 , 29, 137-148	1
336	Benthic microalgal variability associated with peritidal stromatolite microhabitats along the South African coast. 2019 , 82, 253-264	5
335	Cumulative degradation in estuaries: contribution of individual species to community recovery. 2014 , 510, 25-38	4
334	Native predators limit invasion of benthic invertebrate communities in Bodega Harbor, California, USA. 2016 , 545, 161-173	26
333	Effects of habitat on fish abundance and species composition on temperate rocky reefs. 2016 , 561, 155-171	26
332	Assessing the trophic ecology of top predators across a recolonisation frontier using DNA metabarcoding of diets. 2017 , 573, 237-254	31
331	Fishes associated with living stromatolite communities in peritidal pools: predators, recruits and ecological traps. 2017 , 580, 153-167	10
330	Spatio-temporal variability in the winter diet of larval and juvenile Antarctic krill, <i>Euphausia superba</i> , in ice-covered waters. 2017 , 580, 101-115	24
329	Macroinvertebrate variability between microhabitats of peritidal stromatolites along the South African coast. 2018 , 605, 37-47	5
328	Evaluation of four stock discrimination methods to assign individuals from mixed-stock fisheries using genetically validated baseline samples. 2019 , 627, 125-139	8

327	Effects of novel, non-native detritus on decomposition and invertebrate community assemblage. 2020 , 643, 49-61	3
326	Hydrocarbon-Degrading Bacteria and Associated With Microalgae and. 2020 , 11, 572931	12
325	Effects of set-aside management on certain elements of soil biota and early stage organic matter decomposition in a High Nature Value Area, Hungary. 29, 1-26	5
324	Trait-Environment relationships of plant species at different stages of the introduction process. 58, 55-74	7
323	A molecular approach to study Hymenoptera diets using wasp nests. 63, 57-79	3
322	The role of urban forest patches in maintaining isopod diversity (Oniscidea). 2018 , 371-388	3
321	Meter scale variation in shrub dominance and soil moisture structure Arctic arthropod communities. 2016 , 4, e2224	25
320	A critical issue in model-based inference for studying trait-based community assembly and a solution. 2017 , 5, e2885	30
319	Microbiome patterns across the gastrointestinal tract of the rabbitfish. 2017 , 5, e3317	29
318	Fungi associated with mesophotic macroalgae from the 'Au'au Channel, west Maui are differentiated by host and overlap terrestrial communities. 2017 , 5, e3532	19
317	Analysis of relative abundances with zeros on environmental gradients: a multinomial regression model. 2018 , 6, e5643	6
316	Dietary analysis of an uncharacteristic population of the Mountain Pygmy-possum in the Kosciuszko National Park, New South Wales, Australia. 2019 , 7, e6307	3
315	The effect of mangrove restoration on avian assemblages of a coastal lagoon in southern Mexico. 2019 , 7, e7493	5
314	Resampling-based methods for biologists. 2020 , 8, e9089	18
313	Beyond polyphagy and opportunism: natural prey of hunting spiders in the canopy of apple trees. 2020 , 8, e9334	9
312	Generalized Linear Models outperform commonly used canonical analysis in estimating spatial structure of presence/absence data. 2020 , 8, e9777	3
311	Trap type affects dung beetle taxonomic and functional diversity in Bornean tropical forests.	1
310	Australian mosquito assemblages vary between ground and sub-canopy habitats. 2021 , 14, 515	0

- 309 The invasive *Melia azedarach* in Durban (South Africa): impacts on tree community structure. **2021**, 56, 139
- 308 Local endemism and ecological generalism in the assembly of root-colonizing fungi. e01489 0
- 307 Effects of root hemiparasite *Escobedia grandiflora* (Orobanchaceae) on southern Brazilian grasslands: Diversity, composition, and functional groups. **2021**, 32, e13088 0
- 306 Invasive Plants Differentially Impact Forest Invertebrates, Providing Taxon-Specific Benefits by Enhancing Structural Complexity. 9, 1
- 305 Model-based ordination with constrained latent variables.
- 304 Coffee Pulp, a By-Product of Coffee Production, Modulates Gut Microbiota and Improves Metabolic Syndrome in High-Carbohydrate, High-Fat Diet-Fed Rats. **2021**, 10, 5
- 303 Changes in Soil Prokaryotic Diversity in Response to Land-Use Changes in Sub-Saharan Africa. **2021**, 5, 62 1
- 302 *Arabidopsis* assemble distinct root-associated microbiomes through the synthesis of an array of defense metabolites. **2021**, 16, e0259171 2
- 301 Immediate effects of an Amazonian mega hydroelectric dam on phyllostomid fruit bats. **2021**, 132, 108322 0
- 300 On the inconsistency of pollinator species traits for predicting either response to agricultural intensification or functional contribution.
- 299 Proper experimental design requires randomization/balancing of molecular ecology experiments.
- 298 The effects of host species and sexual dimorphism differ among root, leaf and flower microbiomes of wild strawberries in situ.
- 297 A Preliminary Study of Using Some Nest Characteristics as Indicators for the Size of Green Turtle (*Chelonia mydas*) Hatchlings. 60-67
- 296 Spatial patterns of species richness and nestedness in ant assemblages along an elevational gradient in a Mediterranean mountain range.
- 295 The biodiversity benefit of native forest over Grain-for-Green plantations.
- 294 Graphene oxide affects soil bacterial and fungal diversity even at parts-per-trillion concentrations. 2
- 293 Trait-based life-history strategies explain succession scenario for complex bacterial communities under varying disturbance.
- 292 Habitat type and interannual variation shape unique fungal pathogen communities on a California native bunchgrass.

- 291 Species specificity and intraspecific variation in the chemical profiles of *Heliconius* butterflies across a large geographic range. 2
- 290 Effects of carbon nanotubes and derivatives of graphene oxide on soil bacterial diversity.
- 289 Drone-based effective counting and ageing of hippopotamus (*Hippopotamus amphibius*) in the Okavango Delta in Botswana. 1
- 288 Soil chloride content influences the response of bacterial but not fungal diversity to silver nanoparticles entering soil via wastewater treatment processing.
- 287 Cryptogams signify key transition of bacteria and fungi in Arctic sand dune succession.
- 286 Diversidad de aves en sitios con distinto uso de suelo en Nuevo Conhuas, Calakmul, México. 35, 1-18 0
- 285 Facilitative priority effects drive parasite assembly under coinfection.
- 284 Gut microbiota predict *Enterococcus* expansion but not Vancomycin-resistant *Enterococcus* acquisition.
- 283 A seed rain community in a reforested post-agricultural field and adjacent secondary forest of Mount Papandayan Nature Reserve, West Java, Indonesia. **2021**, 32, 1013-1023 0
- 282 Physical activity shapes the intestinal microbiome and immunity of healthy mice but has no protective effects against colitis in MUC2^{-/-} mice.
- 281 The gut mycobiome of healthy mice is shaped by the environment and shapes metabolic outcomes in response to diet.
- 280 A multivariate geostatistical framework for combining multiple indices of abundance for disease vectors and reservoirs: A case study of rattiness in a low-income urban Brazilian community.
- 279 Community sequencing on a natural experiment reveals little influence of host species and timing but a strong influence of compartment on the composition of root endophytes in three annual Brassicaceae. 0
- 278 Disentangling effects of predators and landscape factors as drivers of stream fish community structure. **2021**, 66, 656-668 0
- 277 Ecological engineering across organismal scales: trophic-mediated positive effects of microhabitat enhancement on fishes. **2020**, 656, 181-192 5
- 276 Water table level and soil texture are important drivers of dung beetle diversity in Amazonian lowland forests. **2022**, 170, 104260 1
- 275 Larval fish assemblages in nearshore waters of southeast Gulf of California: vertical and temporal patterns. **2020**, 18, 1
- 274 Guild-level response to Hurricane Carlotta among birds in a Mexican wetland.

- 273 Ozone Induces Distress Behaviors in Fig Wasps with a Reduced Chance of Recovery. **2021**, 12, 2
- 272 Seagrass leaf reddening alters the microbiome of *Zostera muelleri*. **2020**, 646, 29-44 1
- 271 Effect of predation risk and ectoparasitic louse flies on physiological stress condition of the red-tailed tropicbird () from Rapa Nui and Salas & Gómez islands. **2020**, 8, e9088
- 270 Model-based ordination for species with unequal niche widths. 0
- 269 Microbiomes and host genetics provide evidence for ecological diversification among Caribbean members of the sponge genus *Ircinia* Nardo, 1833.
- 268 A mixed model approach for estimating drivers of microbiota community composition and differential taxonomic abundance. 0
- 267 Spatio-temporal variation of sediment properties reveals missing trophic links for deposit-feeding crabs in sandy shore food webs. **2020**, 654, 79-92 1
- 266 Environmental factors driving plant trait distributions in coastal zones of Atlantic Forest. 72,
- 265 Landward zones of mangroves are sinks for both land and water borne anthropogenic debris. **2021**, 151809 2
- 264 Environmental Heterogeneity Determines Diatom Colonisation on Artificial Substrata: Implications for Biomonitoring in Coastal Marine Waters. **2021**, 9, 0
- 263 Fish Assemblages in Seagrass (*Zostera marina* L.) Meadows and Mussel Reefs (*Mytilus edulis*): Implications for Coastal Fisheries, Restoration and Marine Spatial Planning. **2021**, 13, 3268 0
- 262 Community metabarcoding reveals the relative role of environmental filtering and spatial processes in metacommunity dynamics of soil microarthropods across a mosaic of montane forests. **2021**, 1
- 261 Long-Term Patterns of Amphibian Diversity, Abundance and Nutrient Export from Small, Isolated Wetlands. **2021**, 13, 598 1
- 260 Plant community responses to experimental climate manipulation in a Welsh ombrotrophic peatland and their palaeoenvironmental context. **2021**, 0
- 259 Best Practices for Monitoring and Assessing the Ecological Response to River Restoration. **2021**, 13, 3352 0
- 258 It's All about the Zone: Spider Assemblages in Different Ecological Zones of Levantine Caves. **2021**, 13, 576 1
- 257 Identifying managerial legacies within conservation corridors using remote sensing and grasshoppers as bioindicators. **2021**, 32, e02496 0
- 256 Connectivity Patterns for Direct Developing Invertebrates in Fragmented Marine Habitats: Fish Farms Fouling as Source Population in the Establishment and Maintenance of Local Metapopulations. 8,

- 255 Habitat characteristics and climatic factors influence microhabitat selection and arthropod community structure in a globally rare central Appalachian shale barren.. **2021**, 11, 18169-18180
- 254 Antagonistic effects of seawalls and urban sedimentation on epilithic algal matrix (EAM)-feeding fishes. **2021**, 173, 113098 2
- 253 Destabilization of the Bacterial Interactome Identifies Nutrient Restriction-Induced Dysbiosis in Insect Guts.. **2022**, e0158021 0
- 252 Extracting abundance information from DNA-based data. 0
- 251 Epibiont assemblages on limpet shells: Biodiversity drivers in intertidal rocky shores.. **2022**, 174, 105556
- 250 New insights into the functioning and structure of the PE and PP plastispheres from the Mediterranean Sea.. **2021**, 295, 118678 1
- 249 Arbuscular mycorrhizal inoculation and plant response strongly shape bacterial and eukaryotic soil community trajectories. **2022**, 165, 108524 0
- 248 Networks of free-living nematodes and co-extracted fungi, associated with symptoms of apple replant disease. **2022**, 172, 104368 0
- 247 The entrainment-development of larval fish assemblages in two contrasting cold core eddies of the East Australian Current system. 0
- 246 Environmental nucleic acids: a field-based comparison for monitoring freshwater habitats using eDNA and eRNA. 0
- 245 The Influence of Boundary Habitat Continuity on Spillover from a Mediterranean Marine Protected Area. **2022**, 38, 687 1
- 244 Antibiotics reduce bacterial load in , but biofilms hinder its development as a gnotobiotic coral model.. **2022**, 4, 000314 0
- 243 Spatial variation in the biotic and abiotic filters of oyster recruitment: Implications for restoration. 1
- 242 The bacterial density of clinical rectal swabs is highly variable, correlates with sequencing contamination, and predicts patient risk of extraintestinal infection.. **2022**, 10, 2 1
- 241 Phylogenetically and functionally diverse microorganisms reside under the Ross Ice Shelf.. **2022**, 13, 117 0
- 240 Differential priority effects impact taxonomy and functionality of host-associated microbiomes.. **2022**, 0
- 239 Long-term Effects of Rewilding on Species Composition: 22-years of Raptor Monitoring in the Chernobyl Exclusion Zone. 1
- 238 Dredging fundamentally reshapes the ecological significance of 3D terrain features for fish in estuarine seascapes. 1

237	Fungal endophytes vary by species, tissue type, and life cycle stage in intertidal macroalgae.. 2022,	1
236	Differences in Population Characteristics and Modeled Response to Harvest Regulations in Reestablished Appalachian Walleye Populations.	0
235	Small Differences in Diet Facilitate the Coexistence of Three Forage Fish Species in an Inshore Northern Patagonian Habitat. 2022, 8,	
234	Exploring microbiome engineering as a strategy for improved thermal tolerance in <i>Exaiptasia diaphana</i> .. 2022,	2
233	Invasive species impacts on sub-Antarctic Collembola support the Antarctic climate-diversity-invasion hypothesis. 2022, 166, 108579	0
232	Distribution and functional traits of small mammals across the Mediterranean area: landscape composition and structure definitively matter. 2022, 135, 108550	2
231	Riparian buffers made of mature oil palms have inconsistent impacts on oil palm ecosystems.. 2022, e2552	1
230	Environmental variables influencing the abundance of frog crabs (Brachyura: Raninoidea) of the southwest Gulf of Mexico. 2022, 266, 107744	
229	Revisiting an artificial reef after 10 years: What has changed and what remains the same?. 2022, 249, 106261	0
228	Vertical stratification of the air microbiome in the lower troposphere.. 2022, 119,	1
227	Lake salinization drives consistent losses of zooplankton abundance and diversity across coordinated mesocosm experiments.	0
226	Potential impacts of emerald ash borer and adaptation strategies on wildlife communities in black ash wetlands.. 2022, e2567	1
225	Comparative root anatomy and root bud development after injury in two perennial herbs.. 2022,	0
224	Understory palms are not canopy palms writ small: Factors affecting Amazonian understory palms within riparian zones and across the landscape. 2022, 509, 120054	0
223	Small-scale heterogeneity of fish diversity evaluated by environmental DNA analysis in eelgrass beds.	0
222	Response of arid-land macroinvertebrate communities to extremes of drought, wildfire, and monsoonal flooding.	0
221	Cerambycid Beetle Communities in Caatinga Dry Forests Are Structured by Seasonal Species Turnover.. 2022, 1	0
220	The contribution of landscape features, climate and topography in shaping taxonomical and functional diversity of avian communities in a heterogeneous Alpine region.. 2022, 1	0

219	Interactions between anthropogenic stressors and recurring perturbations mediate ecosystem resilience or collapse.	0
218	Large African herbivore diversity is essential in transformed landscapes for conserving dung beetle diversity.	0
217	Rare, common, alien and native species follow different rules in an understory plant community.. 2022 , 12, e8734	1
216	DNA Metabarcoding Enables High-Throughput Detection of Spotted Wing <i>Drosophila</i> (<i>Drosophila suzukii</i>) Within Unsorted Trap Catches. 2022 , 10,	0
215	Changes in taxonomic and functional diversity of dung beetles along a forest disturbance gradient in tropical karst ecosystems on islands of Vietnam.	
214	A functional trait approach reveals the effects of landscape context on ecosystem services provided by urban birds.	
213	Biological invasions alter consumer-stress relationships along an estuarine gradient.. 2022 , e3695	
212	Zooplankton Abundance Reflects Oxygen Concentration and Dissolved Organic Matter in a Seasonally Hypoxic Estuary. 2022 , 10, 427	
211	Seasonal progression and differences in major floral resource use by bees and hoverflies in a diverse horticultural and agricultural landscape revealed by DNA metabarcoding.	3
210	Rhizosphere-root system changes exopolysaccharide content but stabilizes bacterial community across contrasting seasons in a desert environment.. 2022 , 17, 14	2
209	Divergent and non-parallel evolution of MHC IIB in the Neotropical Midas cichlid species complex.. 2022 , 22, 41	0
208	Linking habitat interactions and biodiversity within seascapes. 2022 , 13,	1
207	Historical contingency and the role of post-invasion evolution in alternative community states.. 2022 , e3711	2
206	Differences in prey availability across space and time lead to interaction rewiring and reshape a predator-prey metaweb.. 2022 , e3716	0
205	Microbial community response to simulated diluted bitumen spills in coastal seawater and implications for oil spill response.. 2022 ,	1
204	Western spotted skunks provide important food web linkages in forest of the Pacific Northwest.	
203	The Right Place at the Right Time: Seasonal Variation of Bacterial Communities in Arid <i>Avicennia marina</i> Soils in the Red Sea Is Specific to Its Position in the Intertidal. 2022 , 10,	0
202	Maternal stress and the maternal microbiome have sex-specific effects on offspring development and aggressive behavior in Siberian hamsters (<i>Phodopus sungorus</i>).. 2022 , 141, 105146	5

- 201 Dredging transforms the seafloor and enhances functional diversity in urban seascapes.. **2022**, 831, 154811 ○
- 200 Nitrogen Fertiliser Immobilisation and Uptake in the Rhizospheres of Wheat and Canola. **2021**, 11, 2507
- 199 Potential Link between Ectomycorrhizal Community Composition and Host Tree Phenology. **2021**, 12, 1719
- 198 The Alien Plants That Threaten South Africa's Mountain Ecosystems. **2021**, 10, 1393 2
- 197 DNA metabarcoding reveals introduced species predominate in the diet of a threatened endemic omnivore, Telfair's skink (*Sphenomorphus telfairi*). **2022**, 12, e8484 ○
- 196 Density-independent prey choice, taxonomy, life history, and web characteristics determine the diet and biocontrol potential of spiders (Linyphiidae and Lycosidae) in cereal crops. 2
- 195 Morphological characteristics and abundance of prokaryotes associated with gills in mangrove brachyuran crabs living along a tidal gradient.. **2022**, 17, e0266977
- 194 Spatial variation in microbial communities associated with sea-ice algae in Commonwealth Bay, East Antarctica.. **2022**, 168,
- 193 The Effect of an Insectivorous Lizard Predator (*Crotaphytus collaris*) on Ozark Glade Orthopteran Assemblages. **2022**, 187, ○
- 192 Reef fish assemblages associated to new mat-forming zoantharian communities in the Canary Islands.. **2022**, 177, 105623
- 191 From rivers to marine environments: A constantly evolving microbial community within the plastisphere.. **2022**, 179, 113660 ○
- 190 Data_Sheet_1.PDF. **2020**,
- 189 Data_Sheet_1.pdf. **2020**,
- 188 Data_Sheet_1.pdf. **2018**,
- 187 DataSheet1.DOCX. **2017**,
- 186 Image1.JPEG. **2017**,
- 185 Table1.XLSX. **2017**,
- 184 Table2.XLSX. **2017**,

183 Table3.XLSX. 2017,

182 Table4.XLSX. 2017,

181 Table5.XLSX. 2017,

180 Table6.XLSX. 2017,

179 Video1.MP4. 2017,

178 Table_1.XLSX. 2020,

177 Table_2.docx. 2020,

176 Table_1.DOCX. 2020,

175 Image1.PDF. 2018,

174 Table1.DOCX. 2018,

173 Table2.DOCX. 2018,

172 Table3.DOCX. 2018,

171 Table4.DOCX. 2018,

170 Table5.DOCX. 2018,

169 DataSheet1.DOCX. 2018,

168 Image_1.TIFF. 2020,

167 Image_2.TIFF. 2020,

166 Table_1.XLSX. 2020,

165 Table_2.XLSX. 2020,

164 Table_3.docx. 2020,

163 Table_4.docx. 2020,

162 Table_5.docx. 2020,

161 Table_6.docx. 2020,

160 Data_Sheet_1.docx. 2019,

159 Table_1.XLSX. 2019,

158 Data_Sheet_1.zip. 2020,

157 Table_1.DOCX. 2019,

156 Image_1.pdf. 2019,

155 Image_2.pdf. 2019,

154 Table_1.docx. 2019,

153 Table_2.docx. 2019,

152 Data_Sheet_1.pdf. 2020,

151 Data_Sheet_1.docx. 2020,

150 Data_Sheet_1.pdf. 2020,

149 Data_Sheet_2.zip. 2020,

148 Data_Sheet_1.pdf. 2019,

147 Table_1.XLSX. 2019,

146 Table_2.XLSX. 2019,

145 Image_1.JPEG. 2018,

144 Image_2.JPEG. 2018,

143 Image_3.JPEG. 2018,

142 Image_4.JPEG. 2018,

141 Image_5.JPEG. 2018,

140 Image_6.JPEG. 2018,

139 Table_1.DOCX. 2018,

138 Table_2.DOCX. 2018,

137 Table_3.DOCX. 2018,

136 Table_4.DOCX. 2018,

135 Table_5.DOCX. 2018,

134 Table_6.DOCX. 2018,

133 Table_7.DOCX. 2018,

132 Data_Sheet_1.docx. 2020,

131 Table_1.XLSX. 2018,

130 Table_2.XLSX. 2018,

129 Table_1.docx. **2019,**

128 Data_Sheet_1.zip. **2019,**

127 OUP accepted manuscript.

126 Environmental DNA persistence and fish detection in captive sponges. 0

125 An Overview of Modern Applications of Negative Binomial Modelling in Ecology and Biodiversity. **2022,** 14, 320 1

124 Can Stomach Content and Microbiomes of Tuna Provide Near Real-Time Detection of Ecosystem Composition in the Pacific Ocean?. **2022,** 9,

123 Restored saltmarshes have low beta diversity due to limited topographic variation, but this can be countered by management. 1

122 Temporal Patterns of Honeybee Foraging in a Diverse Floral Landscape Revealed Using Pollen DNA Metabarcoding of Honey.. **2022,** 1

121 Responses of plant-arthropod communities to nutrient enrichment in hyper-arid and semi-arid zones. **2022,** 107884 0

120 Seafloor Terrain Shapes the Three-dimensional Nursery Value of Mangrove and Seagrass Habitats. 0

119 Lightly-harvested rustic cocoa is a valuable land cover for amphibian and reptile conservation in human-modified rainforest landscapes. 1-10 0

118 Successes and limitations of quantitative diet metabarcoding in a small, herbivorous mammal.. **2022,** 0

117 Rootstock-scion combination contributes to shape diversity and composition of microbial communities associated with grapevine root system.. **2022,** 0

116 Environmental factors and host genetic variation shape the fungal endophyte communities within needles of Scots pine (*Pinus sylvestris*). **2022,** 57-58, 101162 1

115 Small mammal responses to fire severity mediated by vegetation characteristics and species traits. **2022,** 12, 0

114 Acute resource pulses from periodical cicadas propagate to belowground food webs but do not affect tree performance. 0

113 Bioturbation Intensity Modifies the Sediment Microbiome and Biochemistry and Supports Plant Growth in an Arid Mangrove System. 1

112 Life in the surf-zone: Variations of faunal assemblage structure in temperate sandy beaches of the Southwestern Atlantic coast. **2022,** 104781 0

- 111 The plant rhizosphere root niche is an edaphic mini-oasis in hyperarid deserts with enhanced microbial competition. **2022**, 2, 0
- 110 Connection to nature and time spent in gardens predicts social cohesion. **2022**, 127655 0
- 109 Edge effects from exotic tree plantations and environmental context drive dung beetle assemblages within Amazonian undisturbed forests. **2022**, 120277
- 108 The high diversity of *Scedosporium* and *Lomentospora* species and their prevalence in human-disturbed areas in Taiwan. 0
- 107 Microhabitat-specific differences on the composition and function of biological soil crust communities. 0
- 106 Fire effects on diversity patterns of the understory communities of *Araucaria-Nothofagus* forests. 0
- 105 Maintaining functional connectivity in grassland corridors between plantation forests promotes high-quality habitat and conserves range restricted grasshoppers. 0
- 104 Conservation of complementary habitat types and small-scale spatial heterogeneity enhance soil arthropod diversity. **2022**, 317, 115482 0
- 103 Seascape context matters more than habitat condition for fish assemblages in coastal ecosystems. 0
- 102 Preliminary patterns of seasonal changes in species composition of surface-active arthropods in a South African savannah. 1
- 101 Dietary patterns of a versatile large carnivore, the puma (*Puma concolor*). **2022**, 12, 3
- 100 Drought and fire determine juvenile and adult woody diversity and dominance in a semi-arid African savanna. 1
- 99 Benthic Biofilms in Glacier-Fed Streams from Scandinavia to the Himalayas Host Distinct Bacterial Communities Compared with the Streamwater. **2022**, 88, 1
- 98 Cross-ecosystem effects of coastal urbanisation on vertebrate assemblages and ecological function. 0
- 97 Cropping System Diversification Influences Soil Microbial Diversity in Subtropical Dryland Farming Systems. 0
- 96 Gastrointestinal parasites in red-legged partridges (*Alectoris rufa*) hunted in Spain: a warning to game managers. 0
- 95 Monitoring vital signs: Wetland vegetation responses to hydrological resources in the Macquarie Marshes NSW, Australia. 0
- 94 Multivariate Abundances Inference About Environmental Associations. **2022**, 331-355 0

- 93 Understanding Variation in Environmental Response Across Taxa. **2022**, 369-386
- 92 Habitat Type Affects Elevational Patterns in Ground-dwelling Arthropod Communities. **2022**, 22,
- 91 Data of ant community compositions and functional traits responding to land-use change at the local scale. 10,
- 90 Further Flattening of a Degraded, Turbid Reef System Following a Severe Coral Bleaching Event. 9,
- 89 Disease decreases variation in host community structure in an old-field grassland.
- 88 Large-scale diachronic surveys of the composition and dynamics of plant communities in Pyrenean snowbeds.
- 87 Composition and diversity of endophytic diazotrophs within the pioneer plants in a newly formed glacier floodplain on the eastern Tibetan Plateau.
- 86 Seasonal and ontological variation in diet and age-related differences in prey choice, by an insectivorous songbird. **2022**, 12,
- 85 Flow alterations and nutrient loading reduce primary producer variability in a temporarily closed microtidal estuary in KwaZulu-Natal, South Africa. 1-15
- 84 Testing environmental effects on taxonomic composition with canonical correspondence analysis: alternative permutation tests are not equal. ○
- 83 Intestinal Microbiome Richness of Coral Reef Damselfishes (Actinopterygii: Pomacentridae). **2022**, 4, ○
- 82 Effects of the mangrove forest environment and tree species characteristics on fiddler crab communities. **2022**, 1
- 81 Mesozooplankton Community Responses to a Harmful Algal Bloom Induced by the Non-Indigenous Dinoflagellate *Lingulodinium Polyedra*. ○
- 80 High diversity and sharing of strongyloid nematodes in humans and great apes co-habiting unprotected area in Cameroon. ○
- 79 Resistance of subarctic soil fungal and invertebrate communities to disruption of belowground carbon supply. ○
- 78 Effects of interactions between anthropogenic stressors and recurring perturbations on ecosystem resilience and collapse. ○
- 77 Variability in mycorrhizal status of plant species is much larger within than between plots in grassland and coastal habitats. ○
- 76 Stressful, isolated, yet diverse: Green roofs have rich microbiomes that are not dominated by oligotrophic taxa. **2022**, 14, 766-774 ○

- 75 Seasonal stability and species specificity of environmentally acquired chemical mating signals in orchid bees. ○
- 74 Effects of urbanization on specialist insect communities of milkweed are mediated by spatial and temporal variation. **2022**, 13, 1
- 73 Fine scale environmental variability and physiological tolerance influence invertebrate larval communities from a human-impacted mangrove in Hong Kong. **2022**, 22, ○
- 72 eDNA metabarcoding shows latitudinal eukaryote micro- and mesoplankton diversity stabilizes across oligotrophic region of a >3000 km longitudinal transect in the Indian Ocean. **2022**, 105178 ○
- 71 Dispersal of bacteria and stimulation of permafrost decomposition by Collembola. **2022**, 19, 4089-4105 ○
- 70 Harmful Algal Blooms Negatively Impact Mugil cephalus Abundance in a Temperate Eutrophic Estuary. ○
- 69 High-throughput sequencing reveals prey diversity overlap between sympatric Sulids in the tropical Atlantic. **2022**, e00258 ○
- 68 Timber plantations do not homogenize soil arthropod diversity but do alter species composition. **2022**, 116190 ○
- 67 Canopy sampling reveals hidden potential value of woodland trees for wild bee assemblages. 1
- 66 Geographic patterns of tree dispersal modes in Amazonia and their ecological correlates. 1
- 65 Host genetic factors related to innate immunity, environmental sensing and cellular functions are associated with human skin microbiota. **2022**, 13, 1
- 64 Analysis of changes in the infection patterns in black rockcod *Notothenia coriiceps* helminth community in West Antarctica over a six-year term. ○
- 63 Season and environment modulate aquatic invertebrates' responses to trout and indigenous fishes in three South African mountain streams. 10, ○
- 62 Global simulation envelopes for diagnostic plots in regression models. 1-15 ○
- 61 Active Sampling and Understory Traps Can Cost-Effectively Detect Changes in Butterfly Communities after Hydroelectric Dam Construction. **2022**, 14, 873 ○
- 60 Managing the Seemingly Unmanageable: Water Quality and Phytoplankton Dynamics in a Heavily Urbanised Low-Inflow Estuary. ○
- 59 The role of farming practice in nutrient assimilation in small-scale tilapia farming. **2022**, 739005 ○
- 58 Emissions of biogenic volatile organic compounds from adjacent boreal fen and bog as impacted by vegetation composition. **2022**, 159809 ○

- 57 Environmental micro-niche filtering shapes bacterial pioneer communities during primary colonization of a Himalayas glacier forefield. ○
- 56 What determines root-sprouting ability: injury or phytohormones?. ○
- 55 Intrafloral patterns of color and scent in *Capparis spinosa* L. and the ghosts of its selection past. ○
- 54 Habitat associations of dryland avian communities during an extended dry period. ○
- 53 Habitat configurations shape the trophic and energetic dynamics of reef fishes in a tropical-temperate transition zone: implications under a warming future. ○
- 52 Ant communities in disturbed subtropical landscapes: is climate more important than stochastic processes?. ○
- 51 Terrestrial gastropod species-specific responses to forest management: Implications for *Parelaphostrongylus tenuis* transmission to moose. **2023**, 529, 120717 ○
- 50 The impact of a run-of-the-river hydroelectric dam on a non-volant small-mammal assemblage in Brazilian Amazonia. ○
- 49 A perched culvert and natural obstructions limit fish dispersal in an intermittent prairie stream. ○
- 48 Forest conversion adversely affects native *Macrobrachium* shrimp assemblages in tropical Malaysian streams. ○
- 47 Effects of high-carbon wood ash biochar on volunteer vegetation establishment and community composition on metal mine tailings. ○
- 46 Remote reef cryptobenthic diversity: Integrating autonomous reef monitoring structures and in situ environmental parameters. 9, ○
- 45 Differences in fish herbivory among tropical and temperate seaweeds and annual patterns in kelp consumption influence the tropicalisation of temperate reefs. **2022**, 12, ○
- 44 Contribution of Arbuscular Mycorrhizal Fungal Communities to Soil Carbon Accumulation during the Development of *Cunninghamia lanceolata* Plantations. **2022**, 13, 2099 ○
- 43 Concurrent ordination: Simultaneous unconstrained and constrained latent variable modelling. ○
- 42 Assessing the effects of no-take zones in a marine protected area spanning two ecoregions and rock substrate types. 9, ○
- 41 Biotic interactions shape trait assembly of marine communities across time and latitude. **2022**, 289, ○
- 40 Mesozooplankton community responses to a large-scale harmful algal bloom induced by the non-indigenous dinoflagellate *Lingulodinium polyedra*. **2022**, 161030 ○

- 39 Gut microbiota alterations in stable outpatients with schizophrenia: Findings from a case-control study. 1-23 ○
- 38 Effect of environmental gradients on community structuring of aerial insectivorous bats in a continuous forest in Central Amazon. ○
- 37 Dung beetle morphological traits show intraspecific differences among four land uses in the Cerrado biome. ○
- 36 Marine Noise Effects on Juvenile Sparid Fish Change among Species and Developmental Stages. **2023**, 15, 92 ○
- 35 Diversity and structure of bacterial and archaeal communities associated with the vulnerable sponge *Halichondria cebimarensis*. ○
- 34 The effect of artificial reef design on the attraction of herbivorous fish and on coral recruitment, survival and growth. **2023**, 188, 106882 ○
- 33 Soil arthropod assemblages reflect both coarse- and fine-scale differences among biotopes in a biodiversity hotspot. ○
- 32 Species composition of shoreline wolf spider communities vary with salinity, but their diets vary with wrack inflow. **2022**, 12, ○
- 31 Multi-locus DNA metabarcoding reveals seasonality of foraging ecology of western spotted skunks in the Pacific Northwest. **2023**, 14, ○
- 30 Annual cycle of mesozooplankton at the coastal waters of Cyprus (Eastern Levantine basin). ○
- 29 Taste for pollen comes in different shapes: Consumption by tadpoles from three divergent ecomorphotypes. ○
- 28 Urbanization and a green corridor do not impact genetic divergence in common milkweed (*Asclepias syriaca*). ○
- 27 Contribution of soil bacteria to the atmosphere across biomes. **2023**, 871, 162137 ○
- 26 Scattered trees as crucial elements in maintaining urban diversity: A case study with canopy ants in a biodiversity hotspot. **2023**, 118, 103894 ○
- 25 DNA metabarcoding to assess prey overlap between tuna and seabirds in the Eastern tropical Atlantic: Implications for an ecosystem-based management. **2023**, 187, 105955 ○
- 24 Short-term arthropod recovery in Eucalyptus plantations after harvesting is not affected by different residue management practices. **2023**, 537, 120973 ○
- 23 A functional trait approach reveals the effects of landscape context on ecosystem services provided by urban birds. **2023**, 234, 104724 ○
- 22 High species turnover of arthropod communities associated with distinct vegetation patches (Beuweltjies) in an arid shrubland. **2023**, 213, 104967 ○

- 21 Environmental variables and species traits as drivers of wild bee pollination in intensive agroecosystems -a metabarcoding approach.
- 20 Fire severity is an important driver of land snail declines after the black summer bushfires in Australia. **2023**, 279, 109906
- 19 Soil legacies of extreme droughts enhance the performance of invading plants.
- 18 Decline in wild bee species richness associated with honey bee (*Apis mellifera* L.) abundance in an urban ecosystem. 11, e14699
- 17 Recent fire in a Mediterranean ecosystem strengthens hoverfly populations and their interaction networks with plants. **2023**, 13,
- 16 Dietary niche overlap and resource partitioning among six steppe passerines of Central Spain using DNA metabarcoding.
- 15 Drivers of variation in seagrass-associated amphipods across biogeographical areas. **2023**, 186, 105918
- 14 Long-Term Succession on Offshore Wind Farms and the Role of Species Interactions. **2023**, 15, 288
- 13 The Pathogen *Aeromonas salmonicida achromogenes* Induces Fast Immune and Microbiota Modifications in Rainbow Trout. **2023**, 11, 539
- 12 Seasonal stability and species specificity of environmentally acquired chemical mating signals in orchid bees. **2023**, 36, 675-686
- 11 Planted pollinator habitat in agroecosystems: How does the pollinator community respond?. 11,
- 10 Multiple stressors prevent gains in native plant diversity following invasive species removal. **2023**, 14,
- 9 Facilitation of non-indigenous ascidian by marine eco-engineering interventions at an urban site. **2023**, 39, 80-93
- 8 Herbivores disrupt the flow of food resources to termites in dryland ecosystems.
- 7 Scale insects contribute to spider conservation in urban trees and shrubs.
- 6 MetaInvert: A new soil invertebrate genome resource provides insights into below-ground biodiversity and evolution.
- 5 Density-dependent processes and population dynamics of native sculpin in a mountain river.
- 4 The high diversity of *Scedosporium* and *Lomentospora* species and their prevalence in human-disturbed areas in Taiwan.

- 3 Extent and reproduction of coastal species on plastic debris in the North Pacific Subtropical Gyre. ○
- 2 How many sites? Methods to assist design decisions when collecting multivariate data in ecology. ○
- 1 Effects of temporal variations in ecotourist noise on an avian community: a case study from a UNESCO world heritage site. 1-19 ○