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1893	Temporal Stability in Chronic Wound Microbiota Is Associated With Poor Healing. 2017 , 137, 237-244	123
1892	Distinct environmental variables drive the community composition of mycorrhizal and saprotrophic fungi at the alpine treeline ecotone. 2017 , 27, 116-124	23
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1890	Transfer of C between paired Douglas-fir seedlings reveals plant kinship effects and uptake of exudates by ectomycorrhizas. 2017 , 214, 400-411	30
1889	Precipitation alters interactions in a grassland ecological community. 2017 , 86, 262-272	20
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1873	Functional traits mediated cascading effects of water depth and light availability on temporal stability of a macrophyte species. 2018 , 89, 168-174	22
1872	Variability of articulator positions and formants across nine English vowels. 2018 , 68, 1-14	10
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1868	Long-term nutrient reductions lead to the unprecedented recovery of a temperate coastal region. 2018 , 115, 3658-3662	130
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1864	Food approach conditioning and discrimination learning using sound cues in benthic sharks. 2018 , 21, 481-492	12
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1859	Calcium plus magnesium indicates digestibility: the significance of the second major axis of plant chemical variation for ecological processes. 2018 , 21, 885-895	15
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1854	Landscape configurational heterogeneity by small-scale agriculture, not crop diversity, maintains pollinators and plant reproduction in western Europe. 2018 , 285,	94
1853	Small between-year variations in nest predation rates are not related with between-year differences in predator identity. 2018 , 25, 199-208	3
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1850	Herbarium specimens show patterns of fruiting phenology in native and invasive plant species across New England. 2018 , 105, 31-41	19
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1848	Application of oil palm empty fruit bunch effects on soil biota and functions: A case study in Sumatra, Indonesia. 2018 , 256, 105-113	22
1847	Survival rates indicate that correlations between community-weighted mean traits and environments can be unreliable estimates of the adaptive value of traits. 2018 , 21, 411-421	37
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1844	Red clypeal membrane color predicts immune function in a burying beetle (Coleoptera: Silphidae). 2018 , 304, 284-292	3

1843	Bottom-up processes mediated by social systems drive demographic traits of coral-reef fishes. 2018 , 99, 642-651	19
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1839	Observed trends of soil fauna in the Antarctic Dry Valleys: early signs of shifts predicted under climate change. 2018 , 99, 312-321	26
1838	The interaction of drought and habitat explain space-time patterns of establishment in saguaro (<i>Carnegiea gigantea</i>). 2018 , 99, 621-631	14
1837	Climate sensitivity functions and net primary production: A framework for incorporating climate mean and variability. 2018 , 99, 576-582	53
1836	Functional diversity mediates contrasting direct and indirect effects of fragmentation on below- and above-ground carbon stocks of coastal dune forests. 2018 , 407, 174-183	14
1835	Octocoral co-infection as a balance between host immunity and host environment. 2018 , 186, 743-753	6
1834	Roles of discharge and temperature in recruitment of a cold-water fish, the European grayling <i>Thymallus thymallus</i> , near its southern range limit. 2018 , 27, 940-951	5
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1778	Impacts of invasive plant species on soil biodiversity: a case study of dog-strangling vine (<i>Vincetoxicum rossicum</i>) in a Canadian National Park. 2018 , 98, 716-723	7
1777	Top carnivore decline has cascading effects on scavengers and carrion persistence. 2018 , 285,	39
1776	Global predation pressure redistribution under future climate change. 2018 , 8, 1087-1091	32
1775	Community dynamics can modify the direction of simulated warming effects on crop yield. 2018 , 13, e0207796	0
1774	Looking beyond wildlife: using remote cameras to evaluate accuracy of gridded snow data. 2018 , 4, 375-386	11
1773	Hydrologic and Edaphic Controls on Soil Carbon Emission in Dongting Lake Floodplain, China. 2018 , 123, 3088-3097	6
1772	Temperature effects on prey and basal resources exceed that of predators in an experimental community. 2018 , 8, 12670-12680	7

1771	Drifting Phenologies Cause Reduced Seasonality of Butterflies in Response to Increasing Temperatures. 2018 , 9,	2
1770	Plant species-area relationships are determined by evenness, cover and aggregation in drylands worldwide. 2019 , 28, 290-299	3
1769	Fire and plant invasion, but not rodents, alter ant community abundance and diversity in a semi-arid desert. 2018 , 9, e02344	3
1768	Impact of Single Gene and Pyramided Aphid-Resistant Soybean on Movement and Spatial Pattern of Soybean Aphid (Hemiptera: Aphididae). 2018 , 111, 2946-2955	1
1767	Canopy structure and topography jointly constrain the microclimate of human-modified tropical landscapes. 2018 , 24, 5243-5258	70
1766	The relationship between size and longevity of the malaria vector <i>Anopheles gambiae</i> (s.s.) depends on the larval environment. 2018 , 11, 485	24
1765	Environmental and taxonomic controls of carbon and oxygen stable isotope composition in <i>Sphagnum</i> across broad climatic and geographic ranges. 2018 , 15, 5189-5202	17
1764	Environmental heterogeneity promotes spatial resilience of phototrophic biofilms in streambeds. 2018 , 14,	8
1763	Reproductive Ecology and Life History of Female Sonoran Desert Tortoises (<i>Gopherus morafkai</i>). 2018 , 32, 34-50	4
1762	Opening the Door to the Past: Accessing Phylogenetic, Pathogen, and Population Data From Museum Curated Bees. 2018 , 2,	8
1761	Multiple dimensions of biodiversity drive human interest in tide pool communities. 2018 , 8, 15234	11
1760	El Niño/Southern Oscillation-driven rainfall pulse amplifies predation by owls on seabirds via apparent competition with mice. 2018 , 285,	11
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1757	Regional climate and local-scale biotic acceptance explain native-exotic richness relationships in Australian annual plant communities. 2018 , 285,	2
1756	Variability of earthworm-induced biopores and their hydrological effectiveness in space and time. 2018 , 71, 8-19	15
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1752	Shrub growth and plant diversity along an elevation gradient: Evidence of indirect effects of climate on alpine ecosystems. 2018 , 13, e0196653	30
1751	From salmon to salmonberry: The effects of salmon-derived nutrients on the stomatal density of leaves of the nitrophilic shrub <i>Rubus spectabilis</i> . 2018 , 32, 2625-2633	6
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1749	Interspecific network centrality, host range and early-life development are associated with wildlife hosts of Rift Valley fever virus. 2018 , 65, 1568-1575	7
1748	The indicator side of tree microhabitats: A multi-taxon approach based on bats, birds and saproxylic beetles. 2018 , 55, 2147-2159	54
1747	Plant traits shape the effects of tidal flooding on soil and plant communities in saltmarshes. 2018 , 219, 823-835	7
1746	A Space-For-Time approach to study the effects of increasing temperature on leaf litter decomposition under natural conditions. 2018 , 123, 250-256	8
1745	Flower-power: Flower diversity is a stronger predictor of network structure than insect diversity in an Arctic plant-pollinator network. 2018 , 36, 1-6	9
1744	Young infants' discrimination of subtle phonetic contrasts. 2018 , 178, 57-66	12
1743	Earthworm densities correlate with aboveground plant biomass and vegetation type across residential properties in Madison, Wisconsin, USA. 2018 , 69, 41-44	3
1742	The influence of land cover on the sensitivity of streams to metal pollution. 2018 , 144, 55-63	5
1741	Root:shoot ratio in developing seedlings: How seedlings change their allocation in response to seed mass and ambient nutrient supply. 2018 , 8, 7143-7150	46
1740	Effect of forest management on temperate ant communities. 2018 , 9, e02303	17
1739	Biochemical properties and culture optimization of <i>Leathesia marina</i> (Phaeophyceae). 2018 , 33, 379-388	3
1738	Nonword repetition depends on the frequency of sublexical representations at different grain sizes: Evidence from a multi-factorial analysis. 2018 , 179, 23-36	25
1737	Migration phenology determines niche use of East Asian buntings (Emberizidae) during stopover. 2018 , 64, 681-692	11
1736	Forest structure following natural disturbances and early succession provides habitat for two avian flagship species, capercaillie (<i>Tetrao urogallus</i>) and hazel grouse (<i>Tetrastes bonasia</i>). 2018 , 226, 81-91	18

1735	Preferential access to awareness of attractive faces in a breaking continuous flash suppression paradigm. 2018 , 65, 71-82	13
1734	Past and potential future effects of habitat fragmentation on structure and stability of plant-pollinator and host-parasitoid networks. 2018 , 2, 1408-1417	46
1733	Across Multiple Species, Phytochemical Diversity and Herbivore Diet Breadth Have Cascading Effects on Herbivore Immunity and Parasitism in a Tropical Model System. 2018 , 9, 656	17
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1728	Quantifying relative importance: computing standardized effects in models with binary outcomes. 2018 , 9, e02283	24
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1726	Soil Moisture Monitoring in a Temperate Peatland Using Multi-Sensor Remote Sensing and Linear Mixed Effects. 2018 , 10, 903	6
1725	Vegetation Succession on Degraded Sites in the Pomacochas Basin (Amazonas, N Peru) Ecological Options for Forest Restoration. 2018 , 10, 609	4
1724	Introgressive hybridization between wild and domestic individuals and its relationship with parasitism in brook charr <i>Salvelinus fontinalis</i> . 2018 , 93, 664-673	5
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1722	Expression characterization of the herbicide tolerance gene Aryloxyalkanoate Dioxygenase (aad-1) controlled by seven combinations of regulatory elements. 2018 , 18, 14	4
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1720	A multigear protocol for sampling crayfish assemblages in Gulf of Mexico coastal streams. 2018 , 822, 55-67	3
1719	Does aggression avoidance drive oak tree attendance by corvid scatter-hoarders?. 2018 , 72, 1	
1718	Effects of Terrestrial Organic Matter on Aquatic Primary Production as Mediated by Pelagic Benthic Resource Fluxes. 2018 , 21, 1255-1268	14

1717	Effects of population structure and density on calf sex ratio in red deer (<i>Cervus elaphus</i>) implications for management. 2018 , 64, 1	3
1716	Ecological Regulation of Black Leaf Streak Disease Driven by Plant Richness in Banana Agroecosystems. 2018 , 108, 1184-1195	1
1715	Differential sensitivity of larvae to ocean acidification in two interacting mollusc species. 2018 , 141, 66-74	9
1714	Alcohol Metabolizing Polygenic Risk for Alcohol Consumption in European American College Students. 2018 , 79, 627-634	3
1713	Positive effects of wheat variety mixtures on aboveground arthropods are weak and variable. 2018 , 33, 66-78	4
1712	Multiple facets of biodiversity drive the diversity-stability relationship. 2018 , 2, 1579-1587	140
1711	Altered fire regimes cause long-term lichen diversity losses. 2018 , 24, 4909-4918	16
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1704	Biogeophysical controls on soil-atmosphere thermal differences: implications on warming Arctic ecosystems. 2018 , 13, 074003	26
1703	Phytoplankton species interactions and invasion by <i>Ceratium furcoides</i> are influenced by extreme drought and water-hyacinth removal in a shallow tropical reservoir. 2019 , 831, 71-85	21
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1701	Aridity preferences alter the relative importance of abiotic and biotic drivers on plant species abundance in global drylands. 2019 , 107, 190-202	34
1700	Electrophysiological indices of anterior cingulate cortex function reveal changing levels of cognitive effort and reward valuation that sustain task performance. 2019 , 123, 67-76	17

1699	Defaunation and fragmentation erode small mammal diversity dimensions in tropical forests. 2019 , 42, 23-35	29
1698	Biodiversity-ecosystem functioning relationships in fish communities: biomass is related to evenness and the environment, not to species richness. 2019 , 286, 20191189	22
1697	Bedding and bedding management practices are associated with mesophilic and thermophilic spore levels in bulk tank raw milk. 2019 , 102, 6885-6900	9
1696	Continental scale structuring of forest and soil diversity via functional traits. 2019 , 3, 1298-1308	17
1695	Interactive effects of altitude, microclimate and shading system on coffee leaf rust. 2019 , 14, 407-415	7
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1693	Postfire deciduous canopies drive patterns in snowshoe hare herbivory of regenerating black spruce. 2019 , 49, 1392-1399	2
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1691	Nitrogen addition reduces soil respiration but increases the relative contribution of heterotrophic component in an alpine meadow. 2019 , 33, 2239-2253	22
1690	Opposing Indirect Effects of Domestic Herbivores on Saltmarsh Erosion. 2019 , 22, 1055-1068	11
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1687	Spatio-temporal dynamics and drivers of public interest in invasive alien species. 2019 , 21, 3521-3532	7
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1672	A Harmonious Satellite-Unmanned Aerial Vehicle-Ground Measurement Inversion Method for Monitoring Salinity in Coastal Saline Soil. 2019 , 11, 1700	21
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1669	Snowpack influences spatial and temporal soil nitrogen dynamics in a western U.S. montane forested watershed. 2019 , 10, e02794	2
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1667	An approach to quantitative plant-soil relationships of saltcedar woodlands throughout central and southeastern Iberian Peninsula (Spain). 2019 , 138, 1095-1108	1
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1662	Quantifying the damage caused by fruit bats to backyard lychee trees in Mauritius and evaluating the benefits of protective netting. 2019 , 14, e0220955	9
1661	Black Alder (<i>Alnus glutinosa</i> (L.) Gaertn.) on Compacted Skid Trails: A Trade-off between Greenhouse Gas Fluxes and Soil Structure Recovery?. 2019 , 10, 726	8
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1646	Drivers of productivity and its temporal stability in a tropical tree diversity experiment. 2019 , 25, 4257-4272	46

1645	Computation of the Covariance Matrix Implied by a Structural Recursive Model with Latent Variables through the Finite Iterative Method. 2019 ,	3
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1600	Muscle nonshivering thermogenesis in a feral mammal. 2019 , 9, 6378	7
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1574	Pollination insights for the conservation of a rare threatened plant species, <i>Astragalus tragacantha</i> (Fabaceae). 2019 , 28, 1389-1409	7

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1565	Development of tonal discrimination in young heritage speakers of Cantonese. 2019 , 73, 40-54	11
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1559	Avian top-down control affects invertebrate herbivory and sapling growth more strongly than overstorey species composition in temperate forest fragments. 2019 , 442, 1-9	3
1558	Rapid changes in eastern Himalayan alpine flora with climate change. 2019 , 106, 520-530	22
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1327	Divergence of Arctic shrub growth associated with sea ice decline. 2020 , 117, 33334-33344	17
1326	Habitat modification mediates the strength of trophic cascades on oak trees. 2020 , 18, 313-318	0
1325	Silflower seed and biomass responses to plant density and nitrogen fertilization. 2020 , 3, e20118	1
1324	Light availability, soil phosphorus and different nitrogen forms negatively affect the functional diversity of subtropical forests. 2020 , 24, e01334	
1323	Cross-ecosystem bottlenecks alter reciprocal subsidies within meta-ecosystems. 2020 , 287, 20200550	4
1322	The Effect of Fertilization on Biomass and Metabolism in North Carolina Salt Marshes: Modulated by Location-Specific Factors. 2020 , 125, e2019JG005238	3

1321	Preserving Spring Oat Yields in New York Through Varietal Resistance to Crown Rust. 2020 , 21, 36-39	1
1320	Climate reverses directionality in the richness-abundance relationship across the World's main forest biomes. 2020 , 11, 5635	8
1319	Physiological Stress Integrates Resistance to Rattlesnake Venom and the Onset of Risky Foraging in California Ground Squirrels. 2020 , 12,	5
1318	Neotropical <i>Hypericum irazuense</i> shrubs reveal recent ENSO variability in Costa Rican páramo. 2020 , 61, 125704	11
1317	Global synthesis of effects of plant species diversity on trophic groups and interactions. 2020 , 6, 503-510	33
1316	Trait matching and phenological overlap increase the spatio-temporal stability and functionality of plant-pollinator interactions. 2020 , 23, 1107-1116	13
1315	Plant dispersal strategies of high tropical alpine communities across the Andes. 2020 , 108, 1910-1922	11
1314	Human-induced globalization of insular herpetofaunas. 2020 , 29, 1328-1349	5
1313	Temporal scale-dependence of plant-pollinator networks. 2020 , 129, 1289-1302	25
1312	Asynchrony among species and functional groups and temporal stability under perturbations: Patterns and consequences. 2020 , 108, 2038-2046	8
1311	Introducing the Adverse Ecosystem Service Pathway as a Tool in Ecological Risk Assessment. 2020 , 54, 8144-8157	5
1310	Urbanization and agricultural intensification destabilize animal communities differently than diversity loss. 2020 , 11, 2686	8
1309	Effects of tree species richness on fine root production varied with stand density and soil nutrients in subtropical forests. 2020 , 733, 139344	6
1308	Contrasting the variability in spatial distribution of two juvenile flatfishes in relation to thermal stanzas in the eastern Bering Sea. 2020 , 77, 953-963	1
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1306	Wetland plant community variation across replicate urban to rural gradients: non-native species as both drivers and passengers in systems impacted by anthropogenic land-use. 2020 , 23, 1209-1226	3
1305	Leaf trait variation and decomposition in short-rotation woody biomass crops under agroforestry management. 2020 , 298, 106971	5
1304	Selective visual and crossmodal impairment in the discrimination of anger and fear expressions in severe alcohol use disorder. 2020 , 213, 108079	0

1303	Disturbance, dispersal and marine assemblage structure: A case study from the nearshore Southern Ocean. 2020 , 160, 105025	5
1302	Fire mosaics and habitat choice in nomadic foragers. 2020 , 117, 12904-12914	25
1301	Shifts in plant community composition weaken the negative effect of nitrogen addition on community-level arbuscular mycorrhizal fungi colonization. 2020 , 287, 20200483	3
1300	Salty, mild, and low plant biomass grasslands increase top-heaviness of invertebrate trophic pyramids. 2020 , 29, 1474-1485	14
1299	Global variations and controlling factors of soil nitrogen turnover rate. 2020 , 207, 103250	10
1298	Ecological drivers of plant life-history traits: Assessment of seed mass and germination variation using climate cues and nitrogen resources in conifers. 2020 , 117, 106517	3
1297	Disentangling drivers of soil microbial potential enzyme activity across rain regimes: An approach based on the functional trait framework. 2020 , 148, 107881	6
1296	Frugivore species maintain their structural role in the trophic and spatial networks of seed dispersal interactions. 2020 , 89, 2168-2180	4
1295	Predation of grape berry moths by harvestmen depends on landscape composition. 2020 , 150, 104358	9
1294	Spatial partitioning of perching on plants by tropical dung beetles depends on body size and leaf characteristics: a sit-and-wait strategy for food location. 2020 , 45, 1108-1120	4
1293	Nature connection, experience and policy encourage and maintain adaptation to drought in urban agriculture. 2020 , 2, 041004	3
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1291	Mobility costs and energy uptake mediate the effects of morphological traits on species' distribution and abundance. 2020 , 101, e03121	4
1290	Soil fertility of cohune palm (<i>Attalea cohune</i>) dominant forests compared to non-cohune forests in northwestern Belize. 2020 , 452, 295-311	2
1289	Selection on fruit traits is mediated by the interplay between frugivorous birds, fruit flies, parasitoid wasps and seed-dispersing ants. 2020 , 33, 874-886	4
1288	Factors Affecting the Detection of an Imperiled and Cryptic Species. 2020 , 12, 177	2
1287	Divergent biotic and abiotic filtering of root endosphere and rhizosphere soil fungal communities along ecological gradients. 2020 , 96,	2
1286	Local soil legacy effects in a multispecies grassland community are underlain by root foraging and soil nutrient availability. 2020 , 108, 2243-2255	7

1285	The Hidden Dimension: Context-Dependent Expression of Repeatable Behavior in Copepods. 2020 , 39, 1017-1026	2
1284	Pre-Columbian soil fertilization and current management maintain food resource availability in old-growth Amazonian forests. 2020 , 450, 29-48	8
1283	Mechanisms behind species-specific water economy responses to water level drawdown in peat mosses. 2020 , 126, 219-230	9
1282	Interactive Effects of White-Tailed Deer, an Invasive Shrub, and Exotic Earthworms on Leaf Litter Decomposition. 2020 , 23, 1523-1535	2
1281	Influence of environmental and biological factors on the overwinter growth rate of Atlantic salmon <i>Salmo salar</i> parr in a UK chalk stream. 2020 , 29, 665-678	2
1280	Effects of native and exotic congeners on diversity of invertebrate natural enemies, available spider biomass, and pest control services in residential landscapes. 2020 , 29, 1241-1262	9
1279	Global gradients in intraspecific variation in vegetative and floral traits are partially associated with climate and species richness. 2020 , 29, 992-1007	13
1278	Plant biomass, not plant economics traits, determines responses of soil CO ₂ efflux to precipitation in the C ₄ grass <i>Panicum virgatum</i> . 2020 , 108, 2095-2106	3
1277	Warmer and less variable temperatures favour an accelerated plant phenology of two invasive weeds across sub-Antarctic Macquarie Island. 2020 , 45, 572-585	7
1276	Litter Management as a Key Factor Relieves Soil Respiration Decay in an Urban-Adjacent Camphor Forest under a Short-Term Nitrogen Increment. 2020 , 11, 216	2
1275	The efficacy of riparian tree cover as a climate change adaptation tool is affected by hydromorphological alterations. 2020 , 34, 2433	3
1274	Cascading effects of elevation, soil moisture and soil nutrients on plant traits and ecosystem multi-functioning in Poyang Lake wetland, China. 2020 , 82, 1	1
1273	Climatic and edaphic controls over tropical forest diversity and vegetation carbon storage. 2020 , 10, 5066	21
1272	Frequency of stover mulching but not amount regulates the decomposition pathways of soil micro-foodwebs in a no-tillage system. 2020 , 144, 107789	8
1271	System-Specific Complex Interactions Shape Soil Organic Carbon Distribution in Coastal Salt Marshes. 2020 , 17,	1
1270	Traits mediate drought effects on wood carbon fluxes. 2020 , 26, 3429-3442	6
1269	Decomposition disentangled: A test of the multiple mechanisms by which nitrogen enrichment alters litter decomposition. 2020 , 34, 1485-1496	7
1268	Multiple trait dimensions mediate stress gradient effects on plant biomass allocation, with implications for coastal ecosystem services. 2020 , 108, 1227-1240	8

1267	Soil texture moderates root functional traits in agroforestry systems across a climatic gradient. 2020 , 295, 106915	10
1266	Unraveling the Influence of Common von Willebrand factor variants on von Willebrand Disease Phenotype: An Exploratory Study on the Molecular and Clinical Profile of von Willebrand Disease in Spain Cohort. 2020 , 120, 437-448	1
1265	Bottom-up when it is not top-down: Predators and plants control biomass of grassland arthropods. 2020 , 89, 1286-1294	10
1264	Learning Orthographic Cognates and Non-Cognates in the Classroom: Does Awareness of Cross-Linguistic Similarity Matter?. 2020 , 70, 685-731	14
1263	How the Visitors' Cognitive Engagement Is Driven (but Not Dictated) by the Visibility and Co-visibility of Art Exhibits. 2020 , 11, 350	6
1262	Long-term monitoring of mercury in adult saltmarsh sparrows breeding in Maine, Massachusetts and New York, USA 2000-2017. 2020 , 29, 1148-1160	10
1261	Expanding the CRISPR Toolbox in Culicine Mosquitoes: Validation of Pol III Promoters. 2020 , 9, 678-681	11
1260	Milk composition in a wild mammal: a physiological signature of phenological changes. 2020 , 193, 349-358	1
1259	Global pattern and drivers of nitrogen saturation threshold of grassland productivity. 2020 , 34, 1979-1990	8
1258	Carbon accumulation in agroforestry systems is affected by tree species diversity, age and regional climate: A global meta-analysis. 2020 , 29, 1817-1828	17
1257	Both short and long distance migrants use energy-minimizing migration strategies in North American herring gulls. 2020 , 8, 26	5
1256	Investigating the direct and indirect effects of forest fragmentation on plant functional diversity. 2020 , 15, e0235210	6
1255	Direct and indirect relationships between logging intensity and regeneration of two timber species in the Dry Chaco of Argentina. 2020 , 474, 118343	1
1254	Aquatic macrophytes and macroinvertebrate predators affect densities of snail hosts and local production of schistosome cercariae that cause human schistosomiasis. 2020 , 14, e0008417	10
1253	Evaluating the potential of treated effluent as novel habitats for aquatic invertebrates in arid regions. 2020 , 847, 3381-3396	5
1252	Climate and landscape conditions indirectly affect fish mercury levels by altering lake water chemistry and fish size. 2020 , 188, 109750	3
1251	Liming improves sap characteristics of sugar maple over the long term. 2020 , 464, 118044	2
1250	Individual and environmental determinants of Cuterebra bot fly parasitism in the eastern chipmunk (<i>Tamias striatus</i>). 2020 , 193, 359-370	3

1249	Prescribed fire promotes acorn survival and seedling emergence from simulated caches. 2020 , 464, 118063	4
1248	Direct and indirect effects of multiple environmental stressors on fish health in human-altered rivers. 2020 , 742, 140657	6
1247	The metabolic performance predicts home range size of bank voles: a support for the behavioral-bioenergetics theory. 2020 , 193, 547-556	7
1246	Soil pH influences patterns of plant community composition after restoration with native-based seed mixes. 2020 , 28, 869-879	6
1245	Disentangling direct and indirect effects of habitat fragmentation on wild plants' pollinator visits and seed production. 2020 , 30, e02099	10
1244	Demographic fluctuations lead to rapid and cyclic shifts in genetic structure among populations of an alpine butterfly, <i>Parnassius smintheus</i> . 2020 , 33, 668-681	5
1243	Direct and indirect effects of native plants and herbivores on biotic resistance to alien aquatic plant invasions. 2020 , 108, 1487-1496	5
1242	Cascading effects of climate change on plankton community structure. 2020 , 10, 2170-2181	15
1241	Abiotic factors and plant biomass, not plant diversity, strongly shape grassland arthropods under drought conditions. 2020 , 101, e03033	13
1240	The Ecology of Individual Differences Empirically Applied to Space-Use and Movement Tactics. 2020 , 196, E1-E15	12
1239	Variation in morphological traits affects dispersal and seedling emergence in dispersive diaspores of <i>Geropogon hybridus</i> . 2020 , 107, 436-444	7
1238	Plant communities mediate the interactive effects of invasion and drought on soil microbial communities. 2020 , 14, 1396-1409	22
1237	Sex-differences in fine-scale home-range use in an upper-trophic level marine predator. 2020 , 8, 11	5
1236	Sex differences in age-to-maturation relate to sexual selection and adult sex ratios in birds. 2020 , 4, 44-53	3
1235	Biogeographic historical legacies in the net primary productivity of Northern Hemisphere forests. 2020 , 23, 800-810	10
1234	Reduced movement of wildlife in Mediterranean landscapes: a case study of brown bears in Greece. 2020 , 311, 126-136	33
1233	The intensity of sexual selection, body size and reproductive success in a mating system with male-male combat: is bigger better?. 2020 , 129, 998-1011	8
1232	Decoupled diversity patterns in bacteria and fungi across continental forest ecosystems. 2020 , 144, 107763	29

1231	Climate rather than dung resources predict dung beetle abundance and diversity along elevational and land use gradients on Mt. Kilimanjaro. 2020 , 47, 371-381	4
1230	White mouse pups can use torpor for energy conservation. 2020 , 190, 253-259	5
1229	Phenotypic signatures of urbanization are scale-dependent: A multi-trait study on a classic urban exploiter. 2020 , 197, 103767	8
1228	Relative roles of biological and physical processes influencing coral recruitment during the lag phase of reef community recovery. 2020 , 10, 2471	12
1227	A native apex predator limits an invasive mesopredator and protects native prey: Tasmanian devils protecting bandicoots from cats. 2020 , 23, 711-721	15
1226	Teleconnections reveal that drivers of inter-annual growth can vary from local to ocean basin scales in tropical snappers. 2020 , 39, 397-407	3
1225	The stoichiometry of soil microbial biomass determines metabolic quotient of nitrogen mineralization. 2020 , 15, 034005	10
1224	A flexible survey design for monitoring spatiotemporal fish richness in nonwadeable rivers: optimizing efficiency by integrating gears. 2020 , 77, 978-990	6
1223	Noncrop Habitat Use by Wild Bees (Hymenoptera: Apoidea) in a Mixed-Use Agricultural Landscape. 2020 , 49, 502-515	3
1222	Reduced avian body condition due to global warming has little reproductive or population consequences. 2020 , 129, 714-730	4
1221	Diversity and temperature indirectly reduce CO concentrations in experimental freshwater communities. 2020 , 192, 515-527	2
1220	Urban areas as hotspots for bees and pollination but not a panacea for all insects. 2020 , 11, 576	52
1219	Safeguarding the rare woodland species <i>Gagea spathacea</i> : Understanding habitat requirements is not sufficient. 2020 , 35, 120-129	
1218	Biochar exerts negative effects on soil fauna across multiple trophic levels in a cultivated acidic soil. 2020 , 56, 597-606	23
1217	Implications of heathland management for ant species composition and diversity Is heathland management causing biotic homogenization?. 2020 , 242, 108422	0
1216	Assessing the cascading effects of management and landscape on the arthropod guilds occurring in papaya plantations. 2020 , 293, 106836	6
1215	Landscape simplification shapes pathogen prevalence in plant-pollinator networks. 2020 , 23, 1212-1222	36
1214	Peak Abundance of Fatty Acids From Intertidal Biofilm in Relation to the Breeding Migration of Shorebirds. 2020 , 7,	7

1213	Numerical methods for sedimentary-ancient-DNA-based study on past biodiversity and ecosystem functioning. 2020 , 2, 115-129	7
1212	Compared to conventional, ecological intensive management promotes beneficial proteolytic soil microbial communities for agro-ecosystem functioning under climate change-induced rain regimes. 2020 , 10, 7296	8
1211	Transpiration of Dominant Tree Species Varies in Response to Projected Changes in Climate: Implications for Composition and Water Balance of Temperate Forest Ecosystems. 2020 , 23, 1598-1613	5
1210	The interplay between abiotic factors and below-ground biological interactions regulates carbon exports from peatlands. 2020 , 368, 114313	6
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1206	Plant functional diversity is an important mediator of effects of aridity on soil multifunctionality. 2020 , 726, 138529	13
1205	Responses of soil ammonia-oxidizing bacteria and archaea diversity to N, P and NP fertilization: Relationships with soil environmental variables and plant community diversity. 2020 , 145, 107795	12
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1203	Snowpack, Tree Size, and Ecological Legacies Promote Seedling Establishment in Tree Islands at the Treeline. 2020 , 23, 1714-1725	3
1202	Males and females differ in how their behaviour changes with age in wild crickets. 2020 , 164, 1-8	3
1201	Soil organic matter links organic farming to enhanced predator evenness. 2020 , 146, 104278	9
1200	Global patterns and controlling factors of soil nitrification rate. 2020 , 26, 4147-4157	41
1199	Long-term restoration success of insect herbivore communities in seminatural grasslands: a functional approach. 2020 , 30, e02133	4
1198	High temperatures are associated with substantial reductions in breeding success and offspring quality in an arid-zone bird. 2020 , 193, 225-235	26
1197	Cascading effects from plant to soil elucidate how the invasive <i>Amorpha fruticosa</i> L. impacts dry grasslands. 2020 , 31, 667-677	17
1196	Experimental assessment of tree canopy and leaf litter controls on the microbiome and nitrogen fixation rates of two boreal mosses. 2020 , 227, 1335-1349	17

1195	Artificial Light at Night (ALAN) Is the Main Driver of Nocturnal Feral Pigeon (<i>Columba livia</i> f. <i>domestica</i>) Foraging in Urban Areas. 2020 , 10,	5
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1191	Phonological Production in Young Speakers of Cantonese as a Heritage Language. 2021 , 64, 73-97	0
1190	Foundation species promote local adaptation and fine-scale distribution of herbaceous plants. 2021 , 109, 191-203	2
1189	Invasive predator disrupts link between predator evenness and herbivore suppression. 2021 , 153, 104470	2
1188	Benefit or Liability? The Ectomycorrhizal Association May Undermine Tree Adaptations to Fire After Long-term Fire Exclusion. 2021 , 24, 1059-1074	4
1187	Herb litter mediates tree litter decomposition and soil fauna composition. 2021 , 152, 108063	7
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1184	Plant diversity and litter accumulation mediate the loss of foliar endophyte fungal richness following nutrient addition. 2021 , 102, e03210	4
1183	Landscape-scale effects of forest degradation on insectivorous birds and invertebrates in austral temperate forests. 2021 , 36, 191-208	6
1182	Litter removal through fire - A key process for wetland vegetation and ecosystem dynamics. 2021 , 755, 142659	2
1181	Global patterns of ecologically unequal exchange: Implications for sustainability in the 21st century. 2021 , 179, 106824	67
1180	Critical factors influencing carbon emissions of prefabricated building supply chains in China. 2021 , 280, 124398	11
1179	Reduced tree density and basal area in Andean forests are associated with bamboo dominance. 2021 , 480, 118648	3
1178	Differential effects of fertilisers on pollination and parasitoid interaction networks. 2021 , 90, 404-414	1

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1175	Climate and stomatal traits drive covariation in nighttime stomatal conductance and daytime gas exchange rates in a widespread C grass. 2021 , 229, 2020-2034	4
1174	Plant growth shapes the effects of elevation on the content and variability of flavonoids in subalpine bilberry stands. 2021 , 23, 241-249	3
1173	Soil element coupling is driven by ecological context and atomic mass. 2021 , 24, 319-326	4
1172	Plant apparency drives leaf herbivory in seedling communities across four subtropical forests. 2021 , 195, 575-587	3
1171	Permafrost existence is closely associated with soil organic matter preservation: Evidence from relationships among environmental factors and soil carbon in a permafrost boundary area. 2021 , 196, 104894	10
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1169	Intraspecific trait variability and genetic diversity in the adaptive strategies of serpentine and non-serpentine populations of <i>Silene paradoxa</i> L.. 2021 , 460, 105-121	0
1168	Species interactions across trophic levels mediate rainfall effects on dryland vegetation dynamics. 2021 , 91, e01441	0
1167	The legacy of acidic deposition controls soil organic carbon pools in temperate forests across the Czech Republic. 2021 , 72, 1780-1801	4
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1165	An experimental approach to assessing the impact of ecosystem engineers on biodiversity and ecosystem functions. 2021 , 102, e03243	5
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1163	Large carabids enhance weed seed removal in organic fields and in large-scale, but not small-scale agriculture. 2021 , 36, 427-438	1
1162	Integrating climate and host richness as drivers of global parasite diversity. 2021 , 30, 196-204	4
1161	Film mulching, residue retention and N fertilization affect ammonia volatilization through soil labile N and C pools. 2021 , 308, 107272	17
1160	Leaf traits predict global patterns in the structure and flammability of forest litter beds. 2021 , 109, 1344-1355	4

1159	Island size affects wood decomposition by changing decomposer distribution. 2021 , 44, 456-468	2
1158	Effects of changing phytoplankton species composition on carbon and nitrogen uptake in benthic invertebrates. 2021 , 66, 469-480	1
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1156	Plant diversity enhances production and downward transport of biodegradable dissolved organic matter. 2021 , 109, 1284-1297	3
1155	Foliar fungi and plant diversity drive ecosystem carbon fluxes in experimental prairies. 2021 , 24, 487-497	1
1154	Dissolved organic carbon sorption dynamics in tidal marsh soils. 2021 , 66, 214-225	4
1153	Plant taxonomic and phylogenetic turnover increases toward climatic extremes and depends on historical factors in European beech forests. 2021 , 32,	1
1152	Indirect effects of deer on insect pests and soybean plants. 2021 , 23, 41-48	
1151	Flooding variations affect soil bacterial communities at the spatial and inter-annual scales. 2021 , 759, 143471	4
1150	Structural equation modeling of long-term controls on mercury and bromine accumulation in Pinheiro mire (Minas Gerais, Brazil). 2021 , 757, 143940	0
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1147	Unveiling the drivers of local dung beetle species richness in the Neotropics. 2021 , 48, 861-871	2
1146	Extra-group paternity varies with proxies of relatedness in a social mammal with high inbreeding risk. 2021 , 32, 94-104	0
1145	Mowing does not redress the negative effect of nutrient addition on alpha and beta diversity in a temperate grassland. 2021 , 109, 1501-1510	4
1144	Magnocellular and Parvocellular Mediated Luminance Contrast Discrimination in Severe Alcohol Use Disorder. 2021 , 45, 375-385	1
1143	Sustainable landscape, soil and crop management practices enhance biodiversity and yield in conventional cereal systems. 2021 , 58, 507-517	2
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1140	Evidence for the evolution of thermal tolerance, but not desiccation tolerance, in response to hotter, drier city conditions in a cosmopolitan, terrestrial isopod. 2021 , 14, 12-23	6
1139	Does the Enemies Hypothesis Operate by enhancing natural enemy evenness?. 2021 , 152, 104464	3
1138	High agricultural intensity at the landscape scale benefits pests, but low intensity practices at the local scale can mitigate these effects. 2021 , 306, 107199	3
1137	Diverse and divergent influences of phenology on herbaceous aboveground biomass across the Tibetan Plateau alpine grasslands. 2021 , 121, 107036	4
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1135	Suppression of arbuscular mycorrhizal fungi decreases the temporal stability of community productivity under elevated temperature and nitrogen addition in a temperate meadow. 2021 , 762, 143137	5
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1132	Geographic Linkages of Root Traits to Salt Marsh Productivity. 2021 , 24, 726-737	8
1131	Causal hypotheses accounting for correlations between decomposition rates of different mass fractions of leaf litter. 2021 , 102, e03196	3
1130	Predicting benthic macroalgal abundance in shallow coastal lagoons from geomorphology and hydrologic flow patterns. 2021 , 66, 123-140	6
1129	Experimental evidence for ecological cascades following threatened mammal reintroduction. 2021 , 102, e03191	3
1128	Super-abundant C4 grasses are a mixed blessing in restored prairies. 2021 , 29, e13281	8
1127	Environmental drivers of Sphagnum growth in peatlands across the Holarctic region. 2021 , 109, 417-431	12
1126	Ecological Factors Mediate Immunity and Parasitic Co-Infection in Sea Fan Octocorals. 2020 , 11, 608066	0
1125	Physiological and behavioural effects of anemone bleaching on symbiont anemonefish in the wild. 2021 , 35, 663-674	9
1124	A comparison of two methods for estimating measurement repeatability in morphometric studies. 2021 , 11, 763-770	1

1123	Pathways to social inequality. 2021 , 3,	1
1122	The allometry of plant height explains species loss under nitrogen addition. 2021 , 24, 553-562	5
1121	Direct, water-chemistry mediated, and cascading effects of human-impact intensification on multitrophic biodiversity in ponds. 2021 , 55, 187-214	3
1120	Global patterns in leaf stoichiometry across coastal wetlands. 2021 , 30, 852-869	7
1119	Fire and herbivory shape soil arthropod communities through habitat heterogeneity and nutrient cycling in savannas. 2021 , 25, e01413	3
1118	Ocean acidification boosts reproduction in fish via indirect effects. 2021 , 19, e3001033	7
1117	Triticum varieties grown as ancient grains in New York differ in susceptibility to Fusarium head blight and harbor diverse Fusarium flora. 2021 , 159, 693-699	0
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1115	Effects of management outweigh effects of plant diversity on restored animal communities in tallgrass prairies. 2021 , 118,	8
1114	Intra- and inter-specific density dependence of body condition, growth, and habitat temperature in chub mackerel (<i>Scomber japonicus</i>).	1
1113	Primacy of plants in driving the response of arthropod communities to drought. 2021 , 195, 833-842	1
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1110	Drivers of taxonomic, functional and phylogenetic diversities in dominant ground-dwelling arthropods of coastal heathlands.	1
1109	Soil chemical legacies trigger species-specific and context-dependent root responses in later arriving plants. 2021 , 44, 1215-1230	7
1108	Predictions of the community assemblage in a temperate forest through indicators that evaluate the anthropogenic disturbance effect on natural regeneration. 2021 , 275, 151764	2
1107	Testing Piecewise Structural Equations Models in the Presence of Latent Variables and Including Correlated Errors. 2021 , 28, 582-589	2
1106	Nectar addition changes pollinator behavior but not plant reproduction in pollen-rewarding <i>Lupinus argenteus</i> . 2021 , 108, 402-410	1

1105	How much does it take to be old? Modelling the time since the last harvesting to infer the distribution of overmature forests in France.	
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1099	Predators affect a plant virus through direct and trait-mediated indirect effects on vectors.	1
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- 282 Nutrient addition increases grassland resistance during dry and wet climate extremes despite functional diversity loss. 0
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276	Consistent stabilizing effects of plant diversity across spatial scales and climatic gradients.	1
275	Warming reverses directionality in the richness–abundance relationship in ephemeral Mediterranean plant communities.	0
274	Size- and environment-driven seedling survival and growth are mediated by leaf functional traits. 2022 , 289,	0
273	Catchment geology preconditions spatio-temporal heterogeneity of ecosystem functioning in forested headwater streams.	0
272	Impacts of soil nutrition on floral traits, pollinator attraction, and fitness in cucumbers (<i>Cucumis sativus</i> L.).	0
271	Genetic correlations and causal effects of fighting ability on fitness traits in cattle reveal antagonistic trade-offs. 10,	0
270	Stream diatom biodiversity in islands and continents—A global perspective on effects of area, isolation and environment.	0
269	Stability and asynchrony of local communities but less so diversity increase regional stability of Inner Mongolian grassland. 11,	0
268	An exploration of sustainability between productivity and ecological stability in planted and natural forests in Sichuan, China.	1
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238	Litter and root traits control soil microbial composition and enzyme activities in 28 common subtropical tree species.	1
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234	Drought-driven shifts in relationships between plant biodiversity and productivity in temperate steppes.	0
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232	Precipitation increase counteracts warming effects on plant and soil C:N:P stoichiometry in an alpine meadow. 13,	0
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229	Biological nitrogen fixation and nifH gene abundance in deadwood of 13 different tree species.	1
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215	Humboldt's legacy: explaining the influence of environmental factors on the taxonomic and phylogenetic diversity of angiosperms along a Neotropical elevational gradient.	2
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- 160 Space resource utilization of dominant species integrates abundance- and functional-based processes for better predictions of plant diversity dynamics. 0
- 159 Influence of the direct and indirect effects of habitat fragmentation, via microclimate change, on animal locomotion. 0
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- 150 Out of the frying pan and into the fire: effects of volcanic heat and other stressors on the conservation of a critically endangered plant in Hawaii 1-8 1
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- 135 Fungal diversity dominates the response of multifunctionality to the conversion of pure plantations into two-aged mixed plantations. 2023, 866, 161384 ○
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- 132 Anything for a quiet life: shelter from mobbers drives reproductive success in a top-level avian predator. ○
- 131 Low microbiome diversity in threatened amphibians from two biodiversity hotspots. **2022**, 4, ○
- 130 Island biogeography of soundscapes: Island area shapes spatial patterns of avian acoustic diversity. ○
- 129 Effects of Warming on Aquatic Snails and Periphyton in Freshwater Ecosystems with and without Predation by Common Carp. **2023**, 15, 153 ○
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- 122 Bacterial Community Links the Humification to Green Waste and Sewage Sludge Feeding Ratio During Aerobic Co-Composting. ○
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- 118 Bee visitation, pollination service, and crop yield in commodity and hybrid seed canola. **2023**, 347, 108396 ○
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