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A protocol for data exploration to avoid common statistical problems

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1590	Oviposition site selection of the Alcon blue butterfly at the northern range margin. 2016 , 20, 1059-1067	5
1589	Agri-Environment Scheme Habitat Preferences of Yellowhammer <i>Emberiza citrinella</i> on English Farmland. 2016 , 51, 199-209	7
1588	Hygienic behaviour in Brazilian stingless bees. 2016 , 5, 1712-1718	11

1587	Plant size affects mutualistic and antagonistic interactions and reproductive success across 21 Brassicaceae species. 2016 , 7, e01529	15
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1583	Winter soil respiration in a humid temperate forest: The roles of moisture, temperature, and snowpack. 2016 , 121, 3072-3088	9
1582	Indirect effects and prey behavior mediate interactions between an endangered prey and recovering predator. 2016 , 7, e01604	18
1581	Long-term monitoring of landbirds on Aldabra Atoll indicates increasing population trends. 2016 , 26, 337-349	2
1580	Relationships between fire severity and recruitment in arid grassland dominated by the obligate-seeding soft spinifex (<i>Triodia pungens</i>). 2016 , 25, 1264	6
1579	Resilience of European beech forests (<i>Fagus sylvatica</i> L.) after fire in a global change context. 2016 , 25, 699	16
1578	Both thyroid hormone levels and resting metabolic rate decrease in African striped mice when food availability decreases. 2017 , 220, 837-843	19
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1562	Behavioral thermoregulation of the common brown shrimp (<i>Crangon crangon</i> , L.) throughout the seasonal cycle. 2016 , 478, 1-9	6
1561	Selection on male physical performance during male-male competition and female choice. 2016 , 27, 1288-1295	15
1560	Consequences of agroindustrial sugarcane production to freshwater biodiversity. 2016 , 8, 644-657	19
1559	Multi-scale temporal dynamics of epilithic algal assemblages: evidence from a Chinese subtropical mountain river network. 2016 , 770, 289-299	10
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1554	Effects of seasonal change and experimental warming on the temperature dependence of photosynthesis in the canopy leaves of <i>Quercus serrata</i> . 2016 , 36, 1283-1295	21
1553	Reproductive trade-offs in extant hunter-gatherers suggest adaptive mechanism for the Neolithic expansion. 2016 , 113, 4694-9	58
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1551	Development and evaluation of species distribution models for five endangered elasmobranchs in southwestern Atlantic. 2016 , 779, 11-33	8
1550	Concentrations of sulphur and trace elements in semi-arid soils and plants in relation to geothermal power plants at Olkaria, Kenya. 2016 , 61, 149-159	12
1549	Biology of <i>Anopheles soperi</i> , an Endemic Species in Okinawajima, the Ryukyu Archipelago, Japan. 2016 , 32, 12-23	
1548	Adaptation to Low Temperature Exposure Increases Metabolic Rates Independently of Growth Rates. 2016 , 56, 62-72	23
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1545	The effect of habitat fragmentation on the scorpion assemblage of a Brazilian Atlantic Forest. 2016 , 20, 457-466	15
1544	Artificial light at night disrupts sleep in female great tits (<i>Parus major</i>) during the nestling period, and is followed by a sleep rebound. 2016 , 215, 125-134	64
1543	Succession changes in diversity and assemblages composition of planthoppers and leafhoppers in natural ancient peat bogs in Belarus. 2016 , 25, 2947-2963	3
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1534	The relative importance of vertical soil nutrient heterogeneity, and mean and depth-specific soil nutrient availabilities for tree species richness in tropical forests and woodlands. 2016 , 182, 877-88	7

1533	Short-term effects of tagging on activity and movement patterns of Eurasian beavers (<i>Castor fiber</i>). 2016 , 62, 725-736	11
1532	Spatial distribution pattern and physical & biological interactions in the larval notothenioid fish assemblages from the Bransfield Strait and adjacent waters. 2016 , 25, 624-636	6
1531	Effect of management on rangeland phytomass, cover and condition in two biomes in South Africa. 2016 , 33, 185-198	5
1530	Concentrations and patterns of hydroxylated polybrominated diphenyl ethers and polychlorinated biphenyls in arctic foxes (<i>Vulpes lagopus</i>) from Svalbard. 2016 , 216, 264-272	9
1529	Restoring productive rangelands: A comparative assessment of selective and non-selective chemical bush control in a semi-arid Kalahari savanna. 2016 , 135, 39-49	9
1528	Effects of Water Loss on New Mexico Spadefoot Toad (<i>Spea multiplicata</i>) Development, Spleen Cellularity, and Corticosterone Levels. 2016 , 325, 548-561	1
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1525	Spatial differences in growth of lesser sandeel in the North Sea. 2016 , 479, 9-19	18
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1523	Relative influence of relatedness, conspecific density and microhabitat on seedling survival and growth of an animal-dispersed Neotropical palm, <i>Oenocarpus bataua</i> . 2016 , 182, 425-438	6
1522	<i>Miscanthus</i> biochar promotes growth of spring barley and shifts bacterial community structures including phosphorus and sulfur mobilizing bacteria. 2016 , 59, 195-202	21
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1520	The influence of climate on species distribution over time and space during the late Quaternary. 2016 , 149, 188-199	12
1519	Unraveling the patterns of small mammal species richness in the southernmost aridlands of South America. 2016 , 134, 136-144	6
1518	Effect of historical contamination in the fish community structure of a recovering temperate coastal lagoon. 2016 , 111, 221-230	7
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1516	Accounting for the causal basis of collinearity when measuring the effects of habitat loss versus habitat fragmentation. 2016 , 125, 117-125	23

1515	The ecological niche of a specialized subterranean spider. 2016 , 135, 20-30	26
1514	Time-restricted orientation of green turtles. 2016 , 484, 31-38	3
1513	Factors affecting primary succession of glacier foreland vegetation in the European Alps. 2016 , 126, 105-117	16
1512	Heading for the hills? Evaluating spatial distribution of woodland caribou in response to a growing anthropogenic disturbance footprint. 2016 , 6, 6484-6509	16
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1510	Consumer-mediated nutrient recycling is influenced by interactions between nutrient enrichment and the antimicrobial agent triclosan. 2016 , 35, 856-872	5
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1508	Functional diversity of fish communities in two tropical estuaries subjected to anthropogenic disturbance. 2016 , 112, 244-254	25
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1497	Do woody plants of the Caatinga show a higher degree of xeromorphism than in the Cerrado?. 2016 , 224, 244-251	11
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1494	Ocean acidification affects fish spawning but not paternity at CO2 seeps. 2016 , 283,	29
1493	Temporal dietary shift in jellyfish revealed by stable isotope analysis. 2016 , 163, 112	15
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1466	Towards a conceptual framework for explaining variation in nocturnal departure time of songbird migrants. 2016 , 4, 24	37
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1454	Inferring social structure and its drivers from refuge use in the desert tortoise, a relatively solitary species. 2016 , 70, 1277-1289	20
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1438	Quantifying the response of structural complexity and community composition to environmental change in marine communities. 2016 , 22, 1965-75	58
1437	The role of environmental and fisheries multi-controls in white seabream (<i>Diplodus sargus</i>) artisanal fisheries in Portuguese coast. 2016 , 16, 163-176	9
1436	The use of biomass production and allometric models to estimate carbon sequestration of <i>Jatropha curcas</i> L. plantations in western Burkina Faso. 2016 , 18, 143-156	19
1435	Exploring life growth patterns in birch (<i>Betula pendula</i>). 2016 , 31, 561-567	7
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1433	Glass eel recruitment and exploitation in a South European estuary (Oria, Bay of Biscay). 2016 , 73, 111-121	12
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1431	Biological variables and health status affecting inorganic element concentrations in harbour porpoises (<i>Phocoena phocoena</i>) from Portugal (western Iberian Peninsula). 2016 , 210, 293-302	11
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1404	When Water Vanishes: Magnitude and Regulation of Carbon Dioxide Emissions from Dry Temporary Streams. 2016 , 19, 710-723	54
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1398	Effects of livestock exclusion in forests of Uruguay: Soil condition and tree regeneration. 2016 , 362, 120-129	17
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1394	Sea turtles return home after intentional displacement from coastal foraging areas. 2016 , 163, 1	37
1393	Stream biodiversity is disproportionately lost to urbanization when flow permanence declines: evidence from southwestern North America. 2016 , 35, 340-352	29
1392	A simple statistical guide for the analysis of behaviour when data are constrained due to practical or ethical reasons. 2016 , 120, 223-234	25
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1387	Non-bee insects are important contributors to global crop pollination. 2016 , 113, 146-51	402
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1385	Estimating individual growth variability in albacore (<i>Thunnus alalunga</i>) from the North Atlantic stock: Aging for assessment purposes. 2016 , 180, 54-66	4
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1382	Individual and demographic consequences of reduced body condition following repeated exposure to high temperatures. 2016 , 97, 786-795	38
1381	Factors affecting southern water vole (<i>Arvicola sapidus</i>) detection and occupancy probabilities in Mediterranean farmland. 2016 , 81, 123-129	6
1380	The Influence of Environmental Factors and Fishing Pressure on Catch Rates of <i>Diplodus vulgaris</i> . 2016 , 39, 258-272	8
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1378	Strengthening statistical usage in marine ecology: Linear regression. 2016 , 474, 81-91	17
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945	Rare genotype advantage promotes survival and genetic diversity of a tropical palm. 2018 , 218, 1658-1667	9
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943	Distribution and coexistence patterns of phytoplankton in subtropical shallow lakes and the role of niche-based and spatial processes. 2018 , 814, 233-246	1
942	Fragmentation of Neanderthals' pre-extinction distribution by climate change. 2018 , 496, 146-154	19
941	Beautiful agricultural landscapes promote cultural ecosystem services and biodiversity conservation. 2018 , 256, 200-210	58
940	Population-specific mortality in coho salmon (<i>Oncorhynchus kisutch</i>) released from a purse seine fishery. 2018 , 75, 309-318	6

939	Using statolith elemental signatures to confirm ontogenetic migrations of the squid <i>Doryteuthis gahi</i> around the Falkland Islands (Southwest Atlantic). 2018 , 481, 85-94	6
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936	Evidence of marine debris usage by the ghost crab <i>Ocypode quadrata</i> (Fabricius, 1787). 2018 , 128, 438-445	19
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934	Mosquito community influences West Nile virus seroprevalence in wild birds: implications for the risk of spillover into human populations. 2018 , 8, 2599	22
933	Landscape configurational heterogeneity by small-scale agriculture, not crop diversity, maintains pollinators and plant reproduction in western Europe. 2018 , 285,	94
932	Allometric models for estimating aboveground biomass and carbon in <i>Faidherbia albida</i> and <i>Prosopis africana</i> under agroforestry parklands in drylands of Niger. 2018 , 29, 1703-1717	8
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929	When macroecological transitions are a fiction of sampling: comparing herbarium records to plot-based species inventory data. 2018 , 41, 1864-1875	7
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927	The influence of environmental and social factors on high- and low-cost vigilance in bat-eared foxes. 2018 , 72, 1	9
926	Grassy patch size and structure are important for northern Eastern Bristlebird persistence in a dynamic ecosystem. 2018 , 118, 269-280	6
925	Handedness in gestural and manipulative actions in male hunter-gatherer Aka pygmies from Central African Republic. 2018 , 166, 481-491	0
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921	Exotic flies maintain pollination services as native pollinators decline with agricultural expansion. 2018 , 55, 1737-1746	23
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918	Spatial prediction of soil water retention in a Páramo landscape: Methodological insight into machine learning using random forest. 2018 , 316, 100-114	57
917	Mechanisms Involved in Soil Ammonium Production in a <i>Mauritia flexuosa</i> Palm Swamp Community. 2018 , 38, 641-646	1
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913	Divergent patterns of understory forage growth after seismic line exploration: Implications for caribou habitat restoration. 2018 , 409, 634-652	36
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907	Nitrogen leaching: A crop rotation perspective on the effect of N surplus, field management and use of catch crops. 2018 , 255, 1-11	80
906	Predation by small mammalian carnivores in rural agro-ecosystems: An undervalued ecosystem service?. 2018 , 30, 362-371	27
905	Temperature-induced colour change varies seasonally in bearded dragon lizards. 2018 , 123, 422-430	12
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881	Charismatic species of the past: Biases in reporting of large mammals in historical written sources. 2018 , 223, 68-75	24
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818	The survival of rajids discarded in the New England scallop dredge fisheries. 2018 , 198, 50-62	11
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