

CITATION REPORT

List of articles citing

smatr 3 an R package for estimation and inference about allometric lines

DOI: 10.1111/j.2041-210x.2011.00153.x

Methods in Ecology and Evolution, 2012, 3, 257-259.

Source: <https://exaly.com/paper-pdf/54675289/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
1087	Foraging ecology of an Australian salt-pan desert ant (genus <i>Melophorus</i>). 2012 , 60, 311		10
1086	Differential growth responses in seedlings of ten species of Dipterocarpaceae to experimental shading and defoliation. 2012 , 28, 377-384		14
1085	Plant Biomass Allocation across a Precipitation Gradient: An Approach to Seasonally Dry Tropical Forest at Yucatán, Mexico. 2012 , 15, 1234-1244		37
1084	Intra- and interspecific differences in nutrient recycling by European freshwater fish. 2012 , 57, 2330-2341		19
1083	An 'ameridelphian' marsupial from the early Eocene of Australia supports a complex model of Southern Hemisphere marsupial biogeography. 2012 , 99, 715-29		35
1082	Windows of opportunity for <i>Prosopis velutina</i> seedling establishment and encroachment in a semiarid grassland. 2012 , 14, 275-282		8
1081	A universal scaling relationship between body mass and proximal limb bone dimensions in quadrupedal terrestrial tetrapods. 2012 , 10, 60		211
1080	Foraging and vulnerability traits modify predator-prey body mass allometry: freshwater macroinvertebrates as a case study. 2013 , 82, 1031-41		61
1079	Can temperate insects take the heat? A case study of the physiological and behavioural responses in a common ant, <i>Iridomyrmex purpureus</i> (Formicidae), with potential climate change. 2013 , 59, 870-80		82
1078	How comparable are species distributions along elevational and latitudinal climate gradients?. 2013 , 22, 1228-1237		37
1077	Specific leaf area: a predictive model using dried samples. 2013 , 61, 350		9
1076	Consequences of paternal care on pectoral fin allometry in a desert-dwelling fish. 2013 , 67, 513-518		5
1075	Synoptic acoustic and trawl surveys of spring-spawning Atlantic cod in the Gulf of Maine cod spawning protection area. 2013 , 141, 44-61		11
1074	Time management and nectar flow: flower handling and suction feeding in long-proboscid flies (Nemestrinidae: <i>Prosoeca</i>). 2013 , 100, 1083-93		20
1073	Allometric scaling of tracheal morphology among bumblebee sisters (Apidae: <i>Bombus</i>): compensation for oxygen limitation at large body sizes?. 2013 , 86, 576-87		5
1072	Seed Ethanol Emission and Radicle Protrusion are Better Measures of Canola-Seed Vigor Than Standard Germination. 2013 , 27, 643-666		1
1071	Constraints on the adult-offspring size relationship in protists. 2013 , 67, 3537-44		7

1070	Wing length allometry in Odonata: differences between families in relation to migratory behaviour. 2013 , 132, 23-32	28
1069	Differential short- and long-term effects of an invertebrate predator on zooplankton communities in invaded and native lakes. 2013 , 19, 396-410	12
1068	Scaling relationships and concavity of small valley networks on Mars. 2013 , 75, 105-116	22
1067	Intraspecific variation in the metabolic scaling exponent in ectotherms: testing the effect of latitudinal cline, ontogeny and transgenerational change in the land snail <i>Cornu aspersum</i> . 2013 , 165, 169-77	18
1066	Correction factors for unbiased, efficient estimation and prediction of biomass from log ₁₀ g allometric models. 2013 , 310, 375-381	42
1065	Allometry indicates giant eyes of giant squid are not exceptional. 2013 , 13, 45	9
1064	Species richness and representation in protected areas of the Western hemisphere: discrepancies between checklists and range maps. 2013 , 19, 782-793	26
1063	Fish foraging patterns, vulnerability to fishing, and implications for the management of ecosystem function across scales. 2013 , 23, 1632-44	37
1062	Body size variation across climatic gradients and sexual size dimorphism in Tropidurinae lizards. 2013 , 290, 192-198	14
1061	Plasticity influencing the light compensation point offsets the specialization for light niches across shrub species in a tropical forest understorey. 2013 , 101, 971-980	29
1060	Resource-use strategies of native and invasive plants in Eastern North American forests. 2013 , 200, 523-533	80
1059	Plant diversity changes and succession along resource availability and disturbance gradients in Kamchatka. 2013 , 214, 477-488	32
1058	Robust tests for one or more allometric lines. 2013 , 333, 38-46	19
1057	Questioning the Reliability of the Point Intercept Method for Assessing Community Functional Structure in Low-Productive and Highly Diverse Mediterranean Grasslands. 2013 , 48, 393-414	6
1056	Explorations in statistics: the analysis of ratios and normalized data. 2013 , 37, 213-9	85
1055	Predator-prey body size relationships when predators can consume prey larger than themselves. 2013 , 9, 20121193	35
1054	Form and metabolic scaling in colonial animals. 2014 , 217, 779-86	11
1053	Body Size and Morph as Drivers of Copulation Duration in a Male Dimorphic Damselfly. 2013 , 119, 407-416	5

1052	Association study of wheat grain protein composition reveals that gliadin and glutenin composition are trans-regulated by different chromosome regions. 2013 , 64, 3627-44	62
1051	Finite element modelling versus classic beam theory: comparing methods for stress estimation in a morphologically diverse sample of vertebrate long bones. 2013 , 10, 20120823	31
1050	Maize Nutrient Accumulation and Partitioning in Response to Plant Density and Nitrogen Rate: I. Macronutrients. 2013 , 105, 783-795	95
1049	Grain Nitrogen Source Changes over Time in Maize: A Review. 2013 , 53, 366-377	128
1048	Physiological Dynamics of Maize Nitrogen Uptake and Partitioning in Response to Plant Density and Nitrogen Stress Factors: II. Reproductive Phase. 2013 , 53, 2588-2602	39
1047	Physiological Dynamics of Maize Nitrogen Uptake and Partitioning in Response to Plant Density and N Stress Factors: I. Vegetative Phase. 2013 , 53, 2105-2119	14
1046	Sex-specific effect of juvenile diet on adult disease resistance in a field cricket. 2013 , 8, e61301	17
1045	Oak bark allometry and fire survival strategies in the Chihuahuan desert Sky Islands, Texas, USA. 2013 , 8, e79285	25
1044	Exaggerated trait allometry, compensation and trade-offs in the New Zealand giraffe weevil (<i>Lasiorhynchus barbicornis</i>). 2013 , 8, e82467	44
1043	More than one way of being a moa: differences in leg bone robustness map divergent evolutionary trajectories in Dinornithidae and Emeidae (Dinornithiformes). 2013 , 8, e82668	14
1042	Thermodynamics constrains allometric scaling of optimal development time in insects. 2013 , 8, e84308	17
1041	Differences in leaf flammability, leaf traits and flammability-trait relationships between native and exotic plant species of dry sclerophyll forest. 2013 , 8, e79205	39
1040	Maize Nutrient Accumulation and Partitioning in Response to Plant Density and Nitrogen Rate: II. Calcium, Magnesium, and Micronutrients. 2013 , 105, 1645-1657	38
1039	A test of Rensch's rule in greater horseshoe bat (<i>Rhinolophus ferrumequinum</i>) with female-biased sexual size dimorphism. 2014 , 9, e86085	12
1038	Modelling size structured food webs using a modified niche model with two predator traits. 2014 , 9, e99355	1
1037	Asymmetric sensitivity of first flowering date to warming and cooling in alpine plants. 2014 , 95, 3387-3398	52
1036	Genetic influences on translation in yeast. 2014 , 10, e1004692	58
1035	Coordination between water transport capacity, biomass growth, metabolic scaling and species stature in co-occurring shrub and tree species. 2014 , 37, 2679-90	22

1034	A trait-based trade-off between growth and mortality: evidence from 15 tropical tree species using size-specific relative growth rates. 2014 , 4, 3675-88	35
1033	Weapon allometry varies with latitude in the New Zealand giraffe weevil. 2014 , 27, 2864-70	12
1032	The repeated evolution of large seeds on islands. 2014 , 281,	37
1031	Personality drives physiological adjustments and is not related to survival. 2014 , 281, 20133135	26
1030	The establishment patterns of tree seedlings are determined immediately after wildfire in a black spruce (<i>Picea mariana</i>) forest. 2014 , 215, 327-337	7
1029	Heart rate as a predictor of metabolic rate in heterothermic bats. 2014 , 217, 1519-24	28
1028	Morphological and anatomical determinants of mesophyll conductance in wild relatives of tomato (<i>Solanum</i> sect. <i>Lycopersicon</i> , sect. <i>Lycopersicoides</i> ; Solanaceae). 2014 , 37, 1415-26	62
1027	Linking functional traits and demographic rates in a subtropical tree community: the importance of size dependency. 2014 , 102, 641-650	65
1026	Tracheole investment does not vary with body size among bumblebee (<i>Bombus impatiens</i>) sisters. 2014 , 174, 56-61	2
1025	Bark functional ecology: evidence for tradeoffs, functional coordination, and environment producing bark diversity. 2014 , 201, 486-497	109
1024	Leaf functional traits vary with the adult height of plant species in forest communities. 2014 , 7, 68-76	7
1023	Crater lake cichlids individually specialize along the benthic-limnetic axis. 2014 , 4, 1127-39	28
1022	Social selection and the evolution of a female weapon in queens of the ant <i>Messor pergandei</i> (Hymenoptera: Formicidae). 2014 , 113, 1011-1020	3
1021	Distribution and population structure of the flecked box crab <i>Hepatus pudibundus</i> (Decapoda, Brachyura) in the western South Atlantic. 2014 , 10, 589-600	11
1020	Nutrient accumulation in aboveground biomass of planted tropical trees: a meta-analysis. 2014 , 60, 598-608	6
1019	Convergence of terrestrial plant production across global climate gradients. 2014 , 512, 39-43	195
1018	Using species distribution models to inform IUCN Red List assessments. 2014 , 177, 174-184	85
1017	One size fits all: stability of metabolic scaling under warming and ocean acidification in echinoderms. 2014 , 161, 2131-2142	13

1016	Contrasting effects of large density changes on relative testes size in fluctuating populations of sympatric vole species. 2014 , 281,	8
1015	Competition for light and water play contrasting roles in driving diversity-productivity relationships in Iberian forests. 2014 , 102, 1202-1213	134
1014	Beyond the sniffer: frontal sinuses in Carnivora. 2014 , 297, 2047-64	23
1013	Body mass estimation in non-avian bipeds using a theoretical conversion to quadruped stylopodial proportions. <i>Methods in Ecology and Evolution</i> , 2014 , 5, 913-923	7.7 89
1012	Dung beetles in an avian-dominated island ecosystem: feeding and trophic ecology. 2014 , 176, 259-71	10
1011	Tradeoffs and scaling of functional traits in Sphagnum as drivers of carbon cycling in peatlands. 2014 , 123, 817-828	31
1010	Reconstructing long-term changes (150 years) in the carbon cycle of a clear-water lake based on the stable carbon isotope composition ($\delta^{13}C$) of chironomid and cladoceran subfossil remains. 2014 , 59, 789-802	28
1009	Variations and Trade-offs in Functional Traits of Tree Seedlings during Secondary Succession in a Tropical Lowland Rain Forest. 2014 , 46, 404-414	9
1008	Genetics of ecological divergence during speciation. 2014 , 511, 307-11	192
1007	A New Species of Leporinus (Characiformes: Anostomidae), from the Orinoco Basin, Venezuela. 2014 , 2014, 206-214	6
1006	Does a general relationship exist between fluorescent dissolved organic matter and microbial respiration? The case of the dark equatorial Atlantic Ocean. 2014 , 89, 44-55	13
1005	Interactions in a warmer world: effects of experimental warming, conspecific density, and herbivory on seedling dynamics. 2014 , 5, art9	6
1004	Parental effects and flight behaviour in the burying beetle,. 2015 , 108, 91-100	10
1003	Bud development and shoot morphology in relation to crown location. 2015 , 7,	6
1002	Energetic benefits and adaptations in mammalian limbs: Scale effects and selective pressures. 2015 , 69, 1546-1559	7
1001	Contrasting impacts of continuous moderate drought and episodic severe droughts on the aboveground-biomass increment and litterfall of three coexisting Mediterranean woody species. 2015 , 21, 4196-209	43
1000	Differential Scaling Patterns in Maxillary Sinus Volume and Nasal Cavity Breadth Among Modern Humans. 2015 , 298, 1710-21	20
999	Transcriptional and metabolic alternations rebalance wheat grain storage protein accumulation under variable nitrogen and sulfur supply. 2015 , 83, 326-43	29

998	Understanding the wide geographic range of a clonal perennial grass: plasticity versus local adaptation. 2015 , 8,	9
997	Captive rearing affects growth but not survival in translocated juvenile tuatara. 2015 , 297, 184-193	12
996	The genetic and developmental basis of an exaggerated craniofacial trait in East African cichlids. 2015 , 324, 662-70	19
995	Competitive dynamics between criminals and law enforcement explains the super-linear scaling of crime in cities. 2015 , 1,	11
994	Structural, physiognomic and above-ground biomass variation in savannaforest transition zones on three continents How different are co-occurring savanna and forest formations?. 2015 , 12, 2927-2951	50
993	Ontogeny of the Middle-Ear Air-Sinus System in Alligator mississippiensis (Archosauria: Crocodylia). 2015 , 10, e0137060	46
992	Contrasting Effects of Long-Term Grazing and Clipping on Plant Morphological Plasticity: Evidence from a Rhizomatous Grass. 2015 , 10, e0141055	26
991	Body Size Adaptations to Altitudinal Climatic Variation in Neotropical Grasshoppers of the Genus Sphenarium (Orthoptera: Pyrgomorphidae). 2015 , 10, e0145248	8
990	Functional differences in the allometry of the water, carbon and nitrogen content of gelatinous organisms. 2015 , 37, 989-1000	12
989	Differences in allometry and population structure between native and invasive populations of a tropical tree. 2015 , 53, 90-102	5
988	Translational regulation shapes the molecular landscape of complex disease phenotypes. 2015 , 6, 7200	51
987	Dive behaviour can predict metabolic expenditure in Steller sea lions. 2015 , 3, cov052	4
986	Small sample sizes in the study of ontogenetic allometry; implications for palaeobiology. 2015 , 3, e818	21
985	Constraint around Quarter-Power Allometric Scaling in Wild Tomatoes (<i>Solanum</i> sect. <i>Lycopersicon</i> ; Solanaceae). 2015 , 186, 421-33	12
984	Effects of combined or single exogenous auxin and/or cytokinin applications on growth and leaf area development in <i>Epipremnum aureum</i> . 2015 , 90, 643-654	11
983	The impact of human activity on the biomass allocation of a medicinal herbaceous species in an agroforestry system of Southwest China. 2015 , 89, 469-476	1
982	Locomotor Mode and the Evolution of the Hindlimb in Western Mediterranean Anurans. 2015 , 42, 199-209	25
981	Drivers of aggregation in a novel arboreal parasite: the influence of host size and infra-populations. 2015 , 45, 197-202	5

980	The discs of Avalon: Relating discoid fossils to frondose organisms in the Ediacaran of Newfoundland, Canada. 2015 , 434, 34-45	29
979	Light and growth in marine phytoplankton: allometric, taxonomic, and environmental variation. 2015 , 60, 540-552	103
978	Long-term C, N and P allocation to reproduction in Bornean tropical rain forests. 2015 , 103, 606-615	16
977	Global variability in leaf respiration in relation to climate, plant functional types and leaf traits. 2015 , 206, 614-36	244
976	A conifer-angiosperm divergence in the growth vs. shade tolerance trade-off underlies the dynamics of a New Zealand warm-temperate rain forest. 2015 , 103, 479-488	23
975	A global analysis of water and nitrogen relationships between mistletoes and their hosts: broad-scale tests of old and enduring hypotheses. 2015 , 29, 1114-1124	45
974	Inter-specific and sexual differences in architectural traits of two dioecious <i>Lindera</i> species (Lauraceae). 2015 , 216, 99-109	6
973	Linking above- and belowground resource use strategies for native and invasive species of temperate deciduous forests. 2015 , 17, 1545-1554	52
972	Foliar trait contrasts between African forest and savanna trees: genetic versus environmental effects. 2014 , 42, 63-83	16
971	Ecological explanations to island gigantism: dietary niche divergence, predation, and size in an endemic lizard. 2015 , 96, 2077-92	27
970	Light Environment Has Little Effect on Heteroblastic Development of the Temperate Rain Forest Tree <i>Gevuina avellana</i> Mol. (Proteaceae). 2015 , 176, 285-293	6
969	Effects of precipitation regime and soil nitrogen on leaf traits in seasonally dry tropical forests of the Yucatan Peninsula, Mexico. 2015 , 179, 585-97	18
968	Post-hatchling cranial ontogeny in the Early Triassic diapsid reptile <i>Proterosuchus fergusi</i> . 2015 , 226, 387-402	18
967	Meta-analysis of amino acid stable nitrogen isotope ratios for estimating trophic position in marine organisms. 2015 , 178, 631-42	110
966	A novel system for evaluating drought-cold tolerance of grapevines using chlorophyll fluorescence. 2015 , 15, 82	64
965	Passive rewarming from torpor in hibernating bats: minimizing metabolic costs and cardiac demands. 2015 , 308, R34-41	30
964	Trophic mismatch requires seasonal heterogeneity of warming. 2015 , 96, 2794-805	22
963	Belowground bud bank response to grazing under severe, short-term drought. 2015 , 178, 795-806	35

962	Physiological linkage in co-variation of foliar nitrogen and phosphorus in tropical tree species along a gradient of soil phosphorus availability. 2015 , 31, 221-229	4
961	Bark ecology of twigs vs. main stems: functional traits across eighty-five species of angiosperms. 2015 , 178, 1033-43	26
960	Shared rules of development predict patterns of evolution in vertebrate segmentation. 2015 , 6, 6690	20
959	Estimating ecological production from biomass. 2015 , 6, 1-31	22
958	Acoustic analysis of airborne, underwater, and amphibious mother attraction calls by wild harbor seal pups (<i>Phoca vitulina</i>). 2015 , 96, 591-602	21
957	Wing Pigmentation in Males of a Territorial Damselfly: Alternative Reproductive Tactics, Allometry and Mating Success. 2015 , 28, 569-581	4
956	Herbivory and the evolution of divaricate plants: Structural defences lost on an offshore island. 2015 , 40, 206-211	18
955	Spatial variability of soil microbial biomass and its relationships with edaphic, vegetational and climatic factors in the Three-River Headwaters region on Qinghai-Tibetan Plateau. 2015 , 95, 191-203	15
954	Adult and offspring size in the ocean over 17 orders of magnitude follows two life history strategies. 2015 , 96, 3303-11	27
953	Environmental Filtering and Positive Plant Litter Feedback Simultaneously Explain Correlations Between Leaf Traits and Soil Fertility. 2015 , 18, 1269-1280	27
952	Response of diameter growth, biomass allocation and N uptake to N fertigation in a triploid <i>Populus tomentosa</i> plantation in the North China Plain: Ontogenetic shift does not exclude plasticity. 2015 , 134, 889-898	12
951	Estimating whole-lake fish catch per unit effort. 2015 , 172, 287-302	12
950	The predator-prey power law: Biomass scaling across terrestrial and aquatic biomes. 2015 , 349, aac6284	148
949	Ontogeny and intraspecific variation of the early Cambrian trilobite <i>Olenellus gilberti</i> , with implications for olenelline phylogeny and macroevolutionary trends in phenotypic canalization. 2015 , 13, 1-74	33
948	Morphological divergence in a continental adaptive radiation: South American ovenbirds of the genus <i>Cinclodes</i> . 2015 , 132, 180-190	3
947	Grain filling duration and glutenin polymerization under variable nitrogen supply and environmental conditions for durum wheat. 2015 , 171, 23-31	19
946	Contrasting nonstructural carbohydrate dynamics of tropical tree seedlings under water deficit and variability. 2015 , 205, 1083-1094	46
945	Bills as daggers? A test for sexually dimorphic weapons in a lekking hummingbird. 2015 , 26, 21-29	34

944	Sexual size dimorphism in island plants: the niche variation hypothesis and insular size changes. 2015 , 124, 717-723	7
943	Terrestrial orchids in a tropical forest: best sites for abundance differ from those for reproduction. 2015 , 96, 693-704	4
942	Tachykinin Expression Levels Correlate with Caste-Specific Aggression in Workers of the Leaf-Cutting Ant <i>Acromyrmex echinatior</i> . 2016 , 4,	5
941	Coupling Between Heterotrophic Nanoflagellates and Bacteria in Fresh Waters: Does Latitude Make a Difference?. 2016 , 7, 114	14
940	On the Importance of High-Resolution Time Series of Optical Imagery for Quantifying the Effects of Snow Cover Duration on Alpine Plant Habitat. 2016 , 8, 481	25
939	Increased Precipitation and Nitrogen Alter Shrub Architecture in a Desert Shrubland: Implications for Primary Production. 2016 , 7, 1908	14
938	Sexual differences in locomotor performance in <i>Tropidurus catalanensis</i> lizards (Squamata: Tropiduridae) - body shape, size and limb musculature explain variation between males and females. 2016 , 118, 598-609	11
937	Potential aposematism in an insular tree species: are signals dishonest early in ontogeny?. 2016 , 118, 951-958	14
936	Testing the cranial evolutionary allometric 'rule' in Galliformes. 2016 , 29, 1873-8	9
935	Ecological and evolutionary variation in community nitrogen use traits during tropical dry forest secondary succession. 2016 , 97, 1194-206	15
934	Long-term effects of mowing on plasticity and allometry of <i>Leymus chinensis</i> in a temperate semi-arid grassland, China. 2016 , 8, 899-909	13
933	Quantification of cranial and tomiodont dimorphism in Testudines using the Midland Painted Turtle, <i>Chrysemys picta marginata</i> . 2016 , 135, 499-510	5
932	Local interspecies introgression is the main cause of extreme levels of intraspecific differentiation in mussels. 2016 , 25, 269-86	71
931	Plant functional shifts in the invaded range: a test with reciprocal forest invaders of Europe and North America. 2016 , 30, 875-884	16
930	Root traits are multidimensional: specific root length is independent from root tissue density and the plant economic spectrum. 2016 , 104, 1299-1310	231
929	The photosynthetic capacity in 35 ferns and fern allies: mesophyll CO ₂ diffusion as a key trait. 2016 , 209, 1576-90	123
928	Cost or benefit for growth and flowering of seedlings and juvenile grassland plants in a dung environment. 2016 , 217, 1025-1042	8
927	How to escape from Haller's rule: Olfactory system complexity in small and large <i>Trichogramma evanescens</i> parasitic wasps. 2016 , 524, 1876-91	13

926	Root and leaf decomposition become decoupled over time: implications for below- and above-ground relationships. 2016 , 30, 1239-1246	24
925	Plants adapted to nutrient limitation allocate less biomass into stems in an arid-hot grassland. 2016 , 211, 1232-40	28
924	Trait coordination, mechanical behaviour and growth form plasticity of <i>Amborella trichopoda</i> under variation in canopy openness. 2016 , 8,	11
923	Leaf traits of dipterocarp species with contrasting distributions across a gradient of nutrient and light availability. 2016 , 9, 521-533	9
922	Differential investment in visual and olfactory brain areas reflects behavioural choices in hawk moths. 2016 , 6, 26041	50
921	Optimal allocation of leaf epidermal area for gas exchange. 2016 , 210, 1219-28	88
920	Water, nitrogen and phosphorus use efficiencies of four tree species in response to variable water and nutrient supply. 2016 , 406, 187-199	21
919	Enigmatic Diversity of the Maxillary Sinus in Macaques and Its Possible Role as a Spatial Compromise in Craniofacial Modifications. 2016 , 43, 414-426	7
918	Intraspecific variation in juvenile tree growth under elevated CO ₂ alone and with O ₃ : a meta-analysis. 2016 , 36, 682-93	26
917	Leaf thickness controls variation in leaf mass per area (LMA) among grazing-adapted grasses in Serengeti. 2016 , 181, 1035-40	21
916	Leaf cellulose density as the key determinant of inter- and intra-specific variation in leaf fracture toughness in a species-rich tropical forest. 2016 , 6, 20150100	18
915	Parent plant vs sucker: how can competition for photoassimilate allocation and light acquisition be managed in new banana hybrids?. 2016 , 198, 70-79	5
914	Intra-organ growth coordination in <i>Drosophila</i> is mediated by systemic ecdysone signaling. 2016 , 418, 135-145	20
913	An empirical test of 'universal' biomass scaling relationships in kelps: evidence of convergence with seed plants. 2016 , 212, 719-729	13
912	The role of nest surface temperatures and the brain in influencing ant metabolic rates. 2016 , 60, 132-9	7
911	Stem and crown allometry in four congeneric species of dioecious tropical trees. 2016 , 30, 2041-2049	3
910	The scaling of postcranial muscles in cats (Felidae) II: hindlimb and lumbosacral muscles. 2016 , 229, 142-52	18
909	The scaling of postcranial muscles in cats (Felidae) I: forelimb, cervical, and thoracic muscles. 2016 , 229, 128-41	27

908	A plant economics spectrum in Mediterranean forests along environmental gradients: is there coordination among leaf, stem and root traits?. 2016 , 27, 187-199	94
907	Ontogenetic Scaling of Theoretical Bite Force in Southern Sea Otters (<i>Enhydra lutris nereis</i>). 2016 , 89, 347-63	14
906	Black disk visibility, turbidity, and total suspended solids in rivers: A comparative evaluation. 2016 , 14, 658-667	9
905	Impacts of land use and infrastructural changes on threatened Little Bustard <i>Tetrax tetrax</i> breeding populations: quantitative assessments using a recently developed spatially explicit dynamic modelling framework. 2016 , 26, 418-435	13
904	Do respiratory limitations affect metabolism of insect larvae before moulting? An empirical test at the individual level. 2016 , 219, 3061-3071	8
903	Endocrine Control of Exaggerated Trait Growth in Rhinoceros Beetles. 2016 , 56, 247-59	12
902	Ergonomics of load transport in the seed harvesting ant <i>Messor barbarus</i> : morphology influences transportation method and efficiency. 2016 , 219, 2920-2927	11
901	Changes in Relative Size of Organs that Accompany Decrease in Body Size. 2016 , 263-270	
900	The correlations and sequence of plant stomatal, hydraulic, and wilting responses to drought. 2016 , 113, 13098-13103	228
899	Sexual dimorphism in water and nitrogen use strategies in <i>Honckenya peploides</i> : timing matters. 2016 , rtw072	1
898	Architecture of four tree species from different strata of a semideciduous forest in southern Brazil. 2016 , 64, 89	2
897	The relationship between trunk- and twigwood density shifts with tree size and species stature. 2016 , 372, 137-142	13
896	Brain composition in <i>Heliconius</i> butterflies, posteclosion growth and experience-dependent neuropil plasticity. 2016 , 524, 1747-69	46
895	Static allometry of unicellular green algae: scaling of cellular surface area and volume in the genus <i>Micrasterias</i> (Desmidiaceae). 2016 , 29, 292-305	7
894	Cryptic complexity in felid vertebral evolution: shape differentiation and allometry of the axial skeleton. 2016 , 178, 183-202	37
893	High aluminum availability may affect <i>Styrax camporum</i> , an Al non-accumulating species from the Brazilian savanna. 2016 , 28, 321-332	8
892	Biomass partitioning in grassland plants along independent gradients in temperature and precipitation. 2016 , 19, 1-11	10
891	Mammalian development does not recapitulate suspected key transformations in the evolutionary detachment of the mammalian middle ear. 2016 , 283,	21

890	Beyond body size: muscle biochemistry and body shape explain ontogenetic variation of anti-predatory behaviour in the lizard <i>Salvator merianae</i> . 2016 , 219, 1649-58	
889	Positive diversity effects on productivity in mixtures of arable weed species as related to density-size relationships. 2016 , 9, 792-804	12
888	Facial surface morphology predicts variation in internal skeletal shape. 2016 , 149, 501-8	18
887	Morphometric traits capture the climatically driven species turnover of 10 spruce taxa across China. 2016 , 6, 1203-13	5
886	Root quality and decomposition environment, but not tree species richness, drive root decomposition in tropical forests. 2016 , 404, 125-139	19
885	Increased muscular volume and cuticular specialisations enhance jump velocity in solitary compared with gregarious desert locusts, <i>Schistocerca gregaria</i> . 2016 , 219, 635-48	8
884	Is the body condition of the invasive zebra mussel (<i>Dreissena polymorpha</i>) enhanced through attachment to native freshwater mussels (<i>Bivalvia</i> , Unionidae)? 2016 , 553, 243-249	10
883	Leaf morphophysiology of a Neotropical mistletoe is shaped by seasonal patterns of host leaf phenology. 2016 , 180, 1103-12	8
882	Leaf area development strategies of cover plants used in banana plantations identified from a set of plant traits. 2016 , 74, 103-111	5
881	Strategies of a light-demanding emergent tree to thrive in a neotropical seasonal forest with alternating light or water shortage. 2016 , 39, 207-218	2
880	A quantitative analysis of phenotypic variations of <i>Metrosideros polymorpha</i> within and across populations along environmental gradients on Mauna Loa, Hawaii. 2016 , 180, 1049-59	20
879	Trophic similarity and coexistence of <i>Carollia perspicillata</i> and <i>Sturnira lilium</i> (Phyllostomidae), two sympatric fruit bats from the Brazilian Atlantic forest. 2016 , 80,	
878	Can social and sexual selection explain the bizarre snout of proterosuchid archosauriforms?. 2017 , 29, 348-358	2
877	Size structuring and allometric scaling relationships in coral reef fishes. 2017 , 86, 577-589	11
876	Modelling the economically viable wood in the crown of European beech trees. 2017 , 78, 67-77	2
875	Shifting from acquisitive to conservative: the effects of <i>Phoradendron affine</i> (Santalaceae) infection in leaf morpho-physiological traits of a Neotropical tree species. 2017 , 65, 31	4
874	The interplay between natural and sexual selection in the evolution of sexual size dimorphism in lizards (Squamata: Phrynosomatidae). 2017 , 7, 905-917	20
873	The scaling and allometry of organ size associated with miniaturization in insects: A case study for Coleoptera and Hymenoptera. 2017 , 7, 43095	30

872	Scaling of dentition and prey size in the California moray (<i>Gymnothorax mordax</i>). 2017 , 122, 16-26	5
871	Spatial complementarity in tree crowns explains overyielding in species mixtures. 2017 , 1, 63	186
870	El Niño episodes coincide with California moray <i>Gymnothorax mordax</i> settlement around Santa Catalina Island, California. 2017 , 90, 1570-1583	6
869	Soil-soil solution distribution coefficient of soil organic matter is a key factor for that of radioiodide in surface and subsurface soils. 2017 , 169-170, 131-136	15
868	A new genus for the eastern dwarf galagos (Primates: Galagidae). 2017 , 181, 229-241	51
867	The impact of dung on inter- and intraspecific competition of temperate grassland seeds. 2017 , 28, 774-786	3
866	Herbivore-induced expansion of <i>Helianthemum nummularium</i> in grassland scrub mosaic vegetation: circumstantial evidence for zoochory and indirect grazing impact. 2017 , 218, 867-884	4
865	Nitrogen and phosphorus availabilities interact to modulate leaf trait scaling relationships across six plant functional types in a controlled-environment study. 2017 , 215, 992-1008	29
864	Provenance effect on carbon assimilation, photochemistry and leaf morphology in Mediterranean <i>Cistus</i> species under chilling stress. 2017 , 19, 660-670	10
863	Assessment of trophic ecomorphology in non-alligatoroid crocodylians and its adaptive and taxonomic implications. 2017 , 231, 192-211	17
862	Morphological and molecular evidence for a new species of <i>Pseudanisakis</i> Layman & Borovkova, 1926 (Nematoda: Ascaridida), parasitizing Rajiformes in southern Southwest Atlantic waters. 2017 , 116, 1989-1999	1
861	It takes two to tango: functional roles, sexual selection and allometry of multiple male weapons in the flower beetle <i>Dicranocephalus wallichii bourgoini</i> . 2017 , 121, 514-529	11
860	Multiple male morphs in the leaf-footed bug <i>Mictis longicornis</i> (Hemiptera: Coreidae). 2017 , 20, 396-401	5
859	Ecological drivers of body size evolution and sexual size dimorphism in short-horned grasshoppers (Orthoptera: Acrididae). 2017 , 30, 1592-1608	14
858	The evolution of bacterial cell size: the internal diffusion-constraint hypothesis. 2017 , 11, 1559-1568	16
857	Morphological variability and allometric relationships of the herb <i>Panax notoginseng</i> in Yunnan, China. 2017 , 37, 65-69	4
856	Colours of war: visual signals may influence the outcome of territorial contests in the tiger damselfly, <i>Tigriagrion aurantinigrum</i> . 2017 , 121, 786-795	12
855	Latitudinal Influence on the Sexual Dimorphism of the Marine Fish <i>Bathygobius soporator</i> (Gobiidae: Teleostei). 2017 , 44, 374-385	6

854	Craniofacial diversification in the domestic pigeon and the evolution of the avian skull. 2017 , 1, 95	20
853	The triangular seed mass/leaf area relationship holds for annual plants and is determined by habitat productivity. 2017 , 31, 1770-1779	9
852	The king of snakes: performance and morphology of intraguild predators () and their prey (). 2017 , 220, 1154-1161	8
851	Leaf trait adaptations of xylem-tapping mistletoes and their hosts in sites of contrasting aridity. 2017 , 415, 117-130	7
850	Convergence in leaf size versus twig leaf area scaling: do plants optimize leaf area partitioning?. 2017 , 119, 447-456	20
849	Divergence in brain composition during the early stages of ecological specialization in <i>Heliconius</i> butterflies. 2017 , 30, 571-582	15
848	Plasticity in seedling morphology, biomass allocation and physiology among ten temperate tree species in response to shade is related to shade tolerance and not leaf habit. 2017 , 19, 172-182	22
847	<i>Nasonia</i> Parasitic Wasps Escape from Haller's Rule by Diphasic, Partially Isometric Brain-Body Size Scaling and Selective Neuropil Adaptations. 2017 , 90, 243-254	16
846	Changes in structural heterogeneity and stand productivity by mixing Scots pine and Maritime pine. 2017 , 405, 219-228	31
845	Intraspecific trait variation can weaken interspecific trait correlations when assessing the whole-plant economic spectrum. 2017 , 7, 8936-8949	20
844	Differences in osmotic adjustment, foliar abscisic acid dynamics, and stomatal regulation between an isohydric and anisohydric woody angiosperm during drought. 2017 , 40, 3122-3134	39
843	Selective regimes and functional anatomy in the mustelid forelimb: Diversification toward specializations for climbing, digging, and swimming. 2017 , 7, 8852-8863	18
842	A Simple Nonlinear and End-Member-Free Approach for Obtaining Ocean Remineralization Patterns. 2017 , 34, 2443-2455	1
841	The sex-specific effects of diet quality versus quantity on morphology in. 2017 , 4, 170375	20
840	No survival costs for sexually selected traits in a polygynous non-territorial lizard. 2017 , 122, 614-626	4
839	Mechanics of evolutionary digit reduction in fossil horses (Equidae). 2017 , 284,	22
838	Selection on an extreme weapon in the frog-legged leaf beetle (<i>Sagra femorata</i>). 2017 , 71, 2584-2598	29
837	Reduced growth due to belowground sink limitation is not fully explained by reduced photosynthesis. 2017 , 37, 1042-1054	10

836	Paternal investment with an uncertain future: effects of predator exposure on filial cannibalism and nesting behaviour. 2017 , 132, 81-90	4
835	Biogeographic distributions of neotropical trees reflect their directly measured drought tolerances. 2017 , 7, 8334	35
834	Comparison of wood physical and mechanical traits between major gymnosperm and angiosperm tree species in China. 2017 , 51, 1405-1419	4
833	Phosphorus and nitrogen resorption from different chemical fractions in senescing leaves of tropical tree species on Mount Kinabalu, Borneo. 2017 , 185, 171-180	22
832	Mass scaling of metabolic rates in carabid beetles (Carabidae) - the importance of phylogeny, regression models and gas exchange patterns. 2017 , 220, 3363-3371	6
831	Efficiency of mechanical seed harvesting for grassland restoration. 2017 , 247, 195-204	10
830	Allometric analysis of a morphological anti-predator trait in geographic populations of Japanese crucian carp. 2017 , 7, 41943	0
829	Influence of predation on community resilience to disease. 2017 , 86, 1147-1158	5
828	Chemical and physical changes during seawater flow through intact dunite cores: An experimental study at 1500 °C. 2017 , 214, 86-114	13
827	Toxin production, growth kinetics and molecular characterization of <i>Ostreopsis cf. ovata</i> isolated from Todos os Santos Bay, tropical southwestern Atlantic. 2017 , 138, 18-30	9
826	Physiological condition and wing pigmentation expression in a damselfly with seasonal polyphenism. 2017 , 42, 346-354	5
825	Divergent scaling of respiration rates to nitrogen and phosphorus across four woody seedlings between different growing seasons. 2017 , 7, 8761-8769	4
824	Cold-hearted bats: uncoupling of heart rate and metabolism during torpor at sub-zero temperatures. 2018 , 221,	10
823	Land-use and fire drive temporal patterns of soil solution chemistry and nutrient fluxes. 2017 , 605-606, 514-526	10
822	Variation in the reproductive strategy of a lichenized fungus along a climatic gradient. 2017 , 120, 63-70	4
821	Anyone with a Long-Face? Craniofacial Evolutionary Allometry (CREA) in a Family of Short-Faced Mammals, the Felidae. 2017 , 44, 476-495	22
820	Allometry varies among related families of Norway spruce. 2017 , 74, 1	3
819	Reproductive investments driven by sex and altitude in sympatric <i>Populus</i> and <i>Salix</i> trees. 2017 , 37, 1503-1514	11

818	Reduced changes in protein compared to mRNA levels across non-proliferating tissues. 2017 , 18, 305	43
817	The Skull of from the Early Eocene Itaboraí Fauna, Southeastern Brazil, and the Affinities of the Extinct Marsupialiform Order Polydolopimorphia. 2017 , 24, 373-414	26
816	Plant functional groups within a tropical forest exhibit different wood functional anatomy. 2017 , 31, 582-591	16
815	A new and remarkable troglobitic <i>Lepidocampa</i> Oudemans, 1890 species from La Réunion Island, with a discussion on troglobiomorphic adaptations in campodeids (Diplura). 2017 , 266, 95-104	8
814	Phylogenetic variation in hind-limb bone scaling of flightless theropods. 2017 , 43, 129-143	2
813	Allometry of male sound-producing structures indicates sexual selection on wing size and stridulatory teeth density in a bushcricket. 2017 , 301, 271-279	13
812	Trait allometries generate super-honesty in <i>Anolis</i> dewlaps and may underlie sexual dimorphism. 2017 , 12, 97-111	3
811	Is the scaling relationship between carbohydrate storage and leaf biomass in meadow plants affected by the disturbance regime?. 2017 , 120, 979-985	9
810	Nutrient resorption or accumulation of desert plants with contrasting sodium regulation strategies. 2017 , 7, 17035	17
809	Decision-making in plants under competition. 2017 , 8, 2235	43
808	Secondary osteons scale allometrically in mammalian humerus and femur. 2017 , 4, 170431	27
807	Retention of stored water enables tropical tree saplings to survive extreme drought conditions. 2017 , 37, 469-480	13
806	Comparative ribosome profiling uncovers a dominant role for translational control in <i>Toxoplasma gondii</i> . 2017 , 18, 961	16
805	Legume Shrubs Are More Nitrogen-Homeostatic than Non-legume Shrubs. 2017 , 8, 1662	20
804	Plasticity in Meristem Allocation as an Adaptive Strategy of a Desert Shrub under Contrasting Environments. 2017 , 8, 1933	13
803	Mating system, male territoriality and agility as predictors of the evolution of sexual size dimorphism in hummingbirds (Aves: Trochilidae). 2017 , 154, 1297-1341	3
802	Comparison of Navigation-Related Brain Regions in Migratory versus Non-Migratory Noctuid Moths. 2017 , 11, 158	19
801	Virioplankton dynamics are related to eutrophication levels in a tropical urbanized bay. 2017 , 12, e0174653	9

800	A validation of 11 body-condition indices in a giant snake species that exhibits positive allometry. 2017 , 12, e0180791	13
799	Allometry of sexual size dimorphism in turtles: a comparison of mass and length data. 2017 , 5, e2914	8
798	Systematic assessment of the <i>Leporinus desmotes</i> species complex, with a description of two new species. 2017 , 15,	11
797	Initial Soil Organic Matter Content Influences the Storage and Turnover of Litter, Root and Soil Carbon in Grasslands. 2018 , 21, 1377-1389	10
796	Genetic and epigenetic variations associated with adaptation to heterogeneous habitat conditions in a deciduous shrub. 2018 , 8, 2594-2606	14
795	Quantitative axial myology in two constricting snakes: <i>Lampropeltis holbrooki</i> and <i>Pantherophis obsoletus</i> . 2018 , 232, 1016-1024	8
794	Contrasting lengths of <i>Pelargonium</i> floral nectar tubes result from late differences in rate and duration of growth. 2018 , 121, 549-560	7
793	Scaling relationships and vessel packing in petioles. 2018 , 105, 667-676	6
792	Endocrine disruptors in breeding ponds and reproductive health of toads in agricultural, urban and natural landscapes. 2018 , 634, 1335-1345	40
791	An interaction-driven cannibalistic reaction norm. 2018 , 8, 2305-2319	2
790	The role of exaggerated male chelicerae in male-male contests in New Zealand sheet-web spiders. 2018 , 139, 29-36	9
789	Superciliums in white-eared hummingbirds as badges of status signaling dominance. 2018 , 105, 31	1
788	The tracheal system in post-embryonic development of holometabolous insects: a case study using the mealworm beetle. 2018 , 232, 997-1015	16
787	Global patterns of dead fine root stocks in forest ecosystems. 2018 , 45, 1378-1394	9
786	Patterns of sexual size dimorphism in horseshoe bats: Testing Rensch's rule and potential causes. 2018 , 8, 2616	7
785	Diet-related differences in craniodental morphology between captive-reared and wild coyotes, <i>Canis latrans</i> (Carnivora: Canidae). 2018 , 123, 677-693	11
784	Cross-sectional properties of the lower limb long bones in the Middle Pleistocene Sima de los Huesos sample (Sierra de Atapuerca, Spain). 2018 , 117, 1-12	12
783	A sex-dependent change in behavioral temperature regulation in African house snakes (<i>Lamprophis fuliginosus</i>) challenged with different pathogens. 2018 , 73, 8-13	4

782	Consequences of breeding system for body condition and survival throughout the annual cycle of tidal marsh sparrows. 2018 , 49, jav-01529	0
781	Specialized specialists and the narrow niche fallacy: a tale of scale-feeding fishes. 2018 , 5, 171581	22
780	Three-dimensional anatomy of the anthropoid bony pelvis. 2018 , 166, 3-25	18
779	The efficiency of phenological shifts as an adaptive response against climate change: a case study of loggerhead sea turtles (<i>Caretta caretta</i>) in the Mediterranean. 2018 , 23, 1143-1158	15
778	Leaf thickness and density drive the responsiveness of photosynthesis to air temperature in Mediterranean species according to their leaf habitus. 2018 , 150, 9-14	9
777	Architecture of <i>Mabea fistulifera</i> Mart. (Euphorbiaceae), a Neotropical semideciduous tree: development and variations in crown allometry between environments. 2018 , 239, 104-110	7
776	Regional forcing explains local species diversity and turnover on tropical islands. 2018 , 27, 474-486	26
775	Low-Frequency Oceanographic Variability Near Flemish Cap and Sackville Spur. 2018 , 123, 1814-1826	3
774	Invasive <i>Rhus typhina</i> invests more in height growth and traits associated with light acquisition than do native and non-invasive alien shrub species. 2018 , 32, 1103-1112	6
773	Divergent testis allometry in two subspecies of the bushcricket <i>Poecilimon veluchianus</i> . 2018 , 124, 32-40	5
772	A continental-scale assessment of variability in leaf traits: Within species, across sites and between seasons. 2018 , 32, 1492-1506	35
771	When is the best time to flower and disperse? A comparative analysis of plant reproductive phenology in the Mediterranean. 2018 , 32, 1770-1783	8
770	How good are the ecological assumptions and predictions made in the past? Insights from a dynamic modelling approach applied to changing landscapes. 2018 , 90, 226-230	6
769	Annual variation in the offspring sex ratio of Saltmarsh Sparrows supports Fisher's hypothesis La variaci3n anual en los cocientes de sexos de la descendencia de <i>Ammodramus caudacutus</i> apoya la hip3tesis de Fisher Saltmarsh Sparrow sex ratios. 2018 , 135, 342-358	4
768	Combat in a cave-dwelling weevil (Orthoptera: Rhaphidophoridae) with exaggerated weaponry. 2018 , 138, 85-92	11
767	Dimorphic male squid show differential gonadal and ejaculate expenditure. 2018 , 808, 5-22	12
766	Root traits across environmental gradients in Mediterranean woody communities: are they aligned along the root economics spectrum?. 2018 , 424, 35-48	34
765	Improving Lidar-based aboveground biomass estimation of temperate hardwood forests with varying site productivity. 2018 , 204, 872-882	25

764	Unrecognized species diversity and new insights into colour pattern polymorphism within the widespread Malagasy snake <i>Mimophis</i> (Serpentes: Lamprophiidae). 2018 , 16, 229-244	6
763	Variation in bulk-leaf C discrimination, leaf traits and water-use efficiency-trait relationships along a continental-scale climate gradient in Australia. 2018 , 24, 1186-1200	18
762	Relationships between leaf mass per area and nutrient concentrations in 98 Mediterranean woody species are determined by phylogeny, habitat and leaf habit. 2018 , 32, 497-510	21
761	Morphology and porosity of the spines of the sea urchin <i>Heterocentrotus mamillatus</i> and their implications on the mechanical performance. 2018 , 137, 139-154	11
760	Body mass estimation in hominoids: Age and locomotor effects. 2018 , 115, 36-46	18
759	Global-scale patterns of nutrient density and partitioning in forests in relation to climate. 2018 , 24, 536-551	15
758	A Study on Allometry of Wing Shape and Venation in Insects. Part 1. Hymenoptera. 2018 , 73, 229-235	1
757	Structural design of the minute clypeasteroid echinoid. 2018 , 5, 171323	11
756	Limb bone scaling in hopping macropods and quadrupedal artiodactyls. 2018 , 5, 180152	14
755	Avian community characteristics and demographics reveal how conservation value of regenerating tropical dry forest changes with forest age. 2018 , 6, e5217	3
754	Applicability of Dynamic Energy Budget (DEB) models across steep environmental gradients. 2018 , 8, 16384	18
753	Activity rhythm and action range of workers of the invasive hornet predator of honeybees , measured by radio frequency identification tags. 2018 , 8, 7588-7598	21
752	Life-history consequences of bidirectional selection for male morph in a male-dimorphic bulb mite. 2018 , 76, 435-452	3
751	Allometric relationships between masses of seed functional components. 2018 , 35, 1-7	11
750	A sustained change in the supply of parental care causes adaptive evolution of offspring morphology. 2018 , 9, 3987	14
749	A fly in a tube: Macroevolutionary expectations for integrated phenotypes. 2018 , 72, 2580-2594	56
748	Are endemics functionally distinct? Leaf traits of native and exotic woody species in a New Zealand forest. 2018 , 13, e0196746	4
747	Species identity matters when interpreting trophic markers in aquatic food webs. 2018 , 13, e0204767	3

746	Inherent variation of functional traits in winter and summer leaves of Mediterranean seasonal dimorphic species: evidence of a 'within leaf cohort' spectrum. 2018 , 10, ply027	9
745	R Tutorial for Oceanographers. 2018 , 5-90	0
744	Scaling of claw sharpness: mechanical constraints reduce attachment performance in larger insects. 2018 , 221,	15
743	Assortative Mating by Size in the American Rubyspot Damselfly (<i>Hetaerina americana</i>). 2018 , 31, 585-598	1
742	All the better to bite you with! Striking intrasexual differences in cheliceral size define two male morphs in an Amazonian arachnid. 2018 ,	3
741	Allometric scaling of morphology and engulfment capacity in rorqual whales. 2018 , 279, 1256-1268	19
740	On the evolution of extreme structures: static scaling and the function of sexually selected signals. 2018 , 144, 95-108	30
739	Leaf economics spectrum in rice: leaf anatomical, biochemical, and physiological trait trade-offs. 2018 , 69, 5599-5609	24
738	Jurassic stem-mammal perinates and the 'origin of mammalian reproduction and growth. 2018 , 561, 104-108	24
737	Calcareous grassland restoration at a coarse quarry waste dump in the Italian Alps. 2018 , 117, 174-181	10
736	Unravelling community assemblages through multi-element stoichiometry in plant leaves and roots across primary successional stages in a glacier retreat area. 2018 , 428, 291-305	13
735	Environmental and biological context modulates the physiological stress response of bats to human disturbance. 2018 , 188, 41-52	10
734	Antibiotic-induced effects on scaling relationships and on plant element contents in herbs and grasses. 2018 , 8, 6699-6713	7
733	Topography and neighborhood crowding can interact to shape species growth and distribution in a diverse Amazonian forest. 2018 , 99, 2272-2283	40
732	Beyond body size: consistent decrease of traits within orthopteran assemblages with elevation. 2018 , 99, 2090-2102	8
731	Associated morphometric and geospatial differentiation among 98 species of stone oaks (<i>Lithocarpus</i>). 2018 , 13, e0199538	3
730	Structural stress response of segmented natural shells: a numerical case study on the clypeasteroid echinoid. 2018 , 15,	8
729	Wild Seed Harvesting at Mountainous Species-Rich Grassland in Calcareous Italian Alps. 2018 , 71, 762-769	1

728	Temperature-dependent adaptation allows fish to meet their food across their species' range. 2018 , 4, eaar4349	14
727	Size-dependent variations in individual traits and trait scaling relationships within a shade-tolerant evergreen tree species. 2018 , 105, 1165-1174	10
726	Morphometrics Reveals Complex and Heritable Apple Leaf Shapes. 2017 , 8, 2185	29
725	Geometry, Allometry and Biomechanics of Fern Leaf Petioles: Their Significance for the Evolution of Functional and Ecological Diversity Within the Pteridaceae. 2018 , 9, 197	9
724	Effects of Forest Restoration on Soil Carbon, Nitrogen, Phosphorus, and Their Stoichiometry in Hunan, Southern China. 2018 , 10, 1874	16
723	Possible link between photosynthesis and leaf modulus of elasticity among vascular plants: a new player in leaf traits relationships?. 2018 , 21, 1372-1379	36
722	Global patterns in above-ground net primary production and precipitation-use efficiency in grasslands. 2018 , 15, 1682-1692	4
721	Nitrogen supply rate regulates microbial resource allocation for synthesis of nitrogen-acquiring enzymes. 2018 , 13, e0202086	6
720	Variation of vegetative and reproductive traits in <i>Cistus laurifolius</i> : evidences of a response to contrasting habitat conditions. 2018 , 248, 22-27	3
719	Intraspecific functional trait variability across different spatial scales: a case study of two dominant trees in Korean pine broadleaved forest. 2018 , 219, 875-886	8
718	An assessment of run-of-river hydroelectric dams on mountain stream ecosystems using the American dipper as an avian indicator. 2018 , 93, 942-951	4
717	Has winter body condition varied with population size in a long-distance migrant, the Bewick's Swan (<i>Cygnus columbianus bewickii</i>)?. 2018 , 64, 1	1
716	Benefactor facilitation and beneficiary feedback effects drive shrub-dominated community succession in a semi-arid dune ecosystem. 2018 , 21, 595-606	14
715	Predator size and prey size:gut capacity ratios determine kill frequency and carcass production in terrestrial carnivorous mammals. 2019 , 128, 13-22	18
714	Selective logging alters allometric relationships of five tropical tree species in seasonal semi-deciduous forests. 2019 , 30, 1633-1639	2
713	Increase in light interception cost and metabolic mass component of leaves are coupled for efficient resource use in the high altitude vegetation. 2019 , 128, 254-263	8
712	Intraspecific variation in soy across the leaf economics spectrum. 2019 , 123, 107-120	17
711	Are brain weights estimated from scaling relationships suitable for comparative studies of animal cognition?. 2019 , 22, 1191-1195	2

710	Evaluation of nutrient stoichiometric relationships among ecosystem compartments of a subtropical treatment wetland. Do we have Redfield wetlands? 2019 , 8,	7
709	High-resolution computed tomography reveals dynamics of desiccation and rehydration in fern petioles of a desiccation-tolerant fern. 2019 , 224, 97-105	11
708	Are hemipenial traits under sexual selection in <i>Tropidurus</i> lizards? Hemipenial development, male and female genital morphology, allometry and coevolution in <i>Tropidurus torquatus</i> (Squamata: Tropiduridae). 2019 , 14, e0219053	5
707	Vigour/tolerance trade-off in cultivated sunflower (<i>Helianthus annuus</i>) response to salinity stress is linked to leaf elemental composition. 2019 , 205, 508-518	10
706	Allometric growth of limb and body proportions in crocodylians. 2019 , 309, 200-211	4
705	To change or not to change experimenters: caveats for repeated behavioural and physiological measures in Montagu's harrier. 2019 , 50,	4
704	Seasonal and inter-annual variability of net primary production in the NW Iberian margin (1998-2016) in relation to wind stress and sea surface temperature. 2019 , 178, 102135	7
703	Constant theoretical conductance via changes in vessel diameter and number with height growth in <i>Moringa oleifera</i> . 2019 , 70, 5765-5772	11
702	How do lianas and trees change their vascular strategy in seasonal versus rain forest?. 2019 , 40, 125465	6
701	Relative growth, shell morphology and genetic relationships between freshwater mussels of the genus <i>Unio</i> (Mollusca: Bivalvia: Unionidae) from rivers of the Ichkeul watershed (Tunisia). 2019 , 39, 313-324	0
700	Plant domestication disrupts biodiversity effects across major crop types. 2019 , 22, 1472-1482	13
699	Sex-specific evolution of relative leg size in <i>Drosophila prolongata</i> results from changes in the intersegmental coordination of tissue growth. 2019 , 73, 2281-2294	5
698	Dry versus wet and gross: Comparisons between the dry skull method and gross dissection in estimations of jaw muscle cross-sectional area and bite forces in sea otters. 2019 , 280, 1706-1713	4
697	MODIS and PROBA-V NDVI Products Differ when Compared with Observations from Phenological Towers at Four Tropical Dry Forests in the Americas. 2019 , 11, 2316	4
696	Impact of low sperm competition on male reproductive trait allometries in a bush-cricket. 2019 , 19, 185	1
695	A generalised volumetric method to estimate the biomass of photographically surveyed benthic megafauna. 2019 , 178, 102188	5
694	Effects of Combined CO ₂ and O ₃ Exposures on Net CO ₂ Assimilation and Biomass Allocation in Seedlings of the Late-Successional <i>Fagus Crenata</i> . 2019 , 7, 117	3
693	Anatomical constraints to nonstomatal diffusion conductance and photosynthesis in lycophytes and bryophytes. 2019 , 222, 1256-1270	40

- 692 The effect of allometric partitioning on herbivory tolerance in four species in South China. **2019**, 9, 11647-11656
- 691 Precipitation and nitrogen addition enhance biomass allocation to aboveground in an alpine steppe. **2019**, 9, 12193-12201 13
- 690 Lipophilic Toxins in Galicia (NW Spain) between 2014 and 2017: Incidence on the Main Molluscan Species and Analysis of the Monitoring Efficiency. **2019**, 11, 10
- 689 Production and vertical distribution of invertebrates on riprap shorelines in Chesapeake Bay: A novel rocky intertidal habitat. **2019**, 228, 106357 1
- 688 Health assessment of *Conolophus subcristatus*, *Conolophus pallidus*, and *C. subcristatus* X *Amblyrhynchus cristatus* hybrid (Galápagos land iguanas). **2019**, 14, e0222884 1
- 687 Gaps in the protection of European lakes. **2019**, 29, 1726-1734 1
- 686 Catch-up growth in the rhinoceros beetle *Trypoxylus dichotomus* (Coleoptera: Scarabaeidae): Smaller neonates gain relatively more body mass during larval development. **2019**, 22, 373-380 4
- 685 Female-biased gape and body-size dimorphism in the New World watersnakes (tribe: Thamnophiini) oppose predictions from Rensch's rule. **2019**, 9, 9624-9633 5
- 684 Shear-sensitive adhesion enables size-independent adhesive performance in stick insects. **2019**, 286, 20191327 5
- 683 When history matters: The overlooked role of priority effects in grassland overyielding. **2019**, 33, 2369-2380 14
- 682 Assessing Rensch's rule in a newt: Roles of primary productivity and conspecific density in interpopulation variation of sexual size dimorphism. **2019**, 46, 2558-2569 3
- 681 Regeneration in the Understory of Declining Overstory Trees Contributes to Soil Respiration Homeostasis along Succession in a Sub-Mediterranean Beech Forest. **2019**, 10, 727 4
- 680 A growth-defense trade-off is general across native and exotic grasses. **2019**, 191, 609-620 13
- 679 Plasma chemistry in nesting leatherback sea turtles (*Dermochelys coriacea*) from Florida: Understanding the importance of sample hemolysis effects on blood analytes. **2019**, 14, e0222426 8
- 678 Seed germination responses to seasonal temperature and drought stress are species-specific but not related to seed size in a desert steppe: Implications for effect of climate change on community structure. **2019**, 9, 2149-2159 24
- 677 Allometric equations for estimating the aboveground biomass of bamboos in northern Laos. **2019**, 24, 115-119 4
- 676 Combining two national-scale datasets to map soil properties, the case of available magnesium in England and Wales. **2019**, 70, 361-377 13
- 675 A Study on Allometry of Wing Shape and Venation in Insects. Part 2. Diptera. **2019**, 74, 7-14 1

674	Evolution of Ovipositor Length in <i>Drosophila suzukii</i> Is Driven by Enhanced Cell Size Expansion and Anisotropic Tissue Reorganization. 2019 , 29, 2075-2082.e6	15
673	Soil fauna promote litter decomposition but do not alter the relationship between leaf economics spectrum and litter decomposability. 2019 , 136, 107519	16
672	Fully exposed canopy tree and liana branches in a tropical forest differ in mechanical traits but are similar in hydraulic traits. 2019 , 39, 1713-1724	11
671	Drought offsets the positive effect of summer heat waves on the canopy greenness of mountain grasslands. 2019 , 276-277, 107617	13
670	Self-thinning and size-dependent flowering of the grass <i>Spartina alterniflora</i> across space and time. 2019 , 33, 1830-1841	6
669	Invertebrate community responses to urban wastewater effluent pollution under different hydro-morphological conditions. 2019 , 252, 483-492	16
668	Proximity to roads disrupts rodents' contributions to seed dispersal services and subsequent recruitment dynamics. 2019 , 107, 2623-2634	11
667	Sporangium Position, Branching Architecture, and the Evolution of Reproductive Morphology in Devonian Plants. 2019 , 180, 493-503	3
666	Fluctuating selection strength and intense male competition underlie variation and exaggeration of a water strider's male weapon. 2019 , 286, 20182400	8
665	Nonlinear phenotypic variation uncovers the emergence of heterosis in <i>Arabidopsis thaliana</i> . 2019 , 17, e3000214	19
664	Correlated evolution of neck length and leg length in birds. 2019 , 6, 181588	9
663	Static allometry in two species of neotropical stalk-eyed fly. 2019 , 309, 43-49	2
662	Shifting States, Altered Fates: Divergent Fuel Moisture Responses after High Frequency Wildfire in an Obligate Seeder Eucalypt Forest. 2019 , 10, 436	16
661	Global patterns of intraspecific leaf trait responses to elevation. 2019 , 25, 2485-2498	35
660	Characterizing stable isotope relationships between green turtle (<i>Chelonia mydas</i>) skin and unhatched eggs. 2019 , 33, 1277-1285	2
659	Drivers of ecosystem metabolism in restored and natural prairie wetlands. 2019 , 76, 2396-2407	1
658	Exploring the Relationships Between Yield and Yield-Related Traits for Rice Varieties Released in China From 1978 to 2017. 2019 , 10, 543	42
657	Variability, morphometrics, and co-variation of the os lacrimale in Cervidae. 2019 , 280, 1071-1090	

656	Trade-off or coordination? Correlations between ballochorous and myrmecochorous phases of diplochory. 2019 , 33, 1469-1479	7
655	Does plant allometry predict biased sex allocation in <i>Triadica sebifera</i> (L.) small (Euphorbiaceae)?. 2019 , 220, 529-539	1
654	Running in circles in phylomorphospace: host environment constrains morphological diversification in parasitic wasps. 2019 , 286, 20182352	8
653	Effects of stand age, richness and density on productivity in subtropical forests in China. 2019 , 107, 2266-2277	52
652	Middle ear pneumatization in nonhuman primates: A comparative analysis. 2019 , 169, 540-556	0
651	NO LARGE BIAS WITHIN SPECIES BETWEEN THE RECONSTRUCTED AREAS OF COMPLETE AND FRAGMENTED FOSSIL LEAVES. 2019 , 34, 43-48	3
650	Are reproductive traits of dominant species associated with specific resource allocation strategies during forest succession in southern China?. 2019 , 102, 538-546	8
649	Plant presence reduces root and shoot litter decomposition rates of crops and wild relatives. 2019 , 438, 313-327	9
648	Leaf mechanical strength and photosynthetic capacity vary independently across 57 subtropical forest species with contrasting light requirements. 2019 , 223, 607-618	19
647	How should crop water-use efficiency be analyzed? A warning about spurious correlations. 2019 , 235, 59-67	10
646	Thresholds for leaf damage due to dehydration: declines of hydraulic function, stomatal conductance and cellular integrity precede those for photochemistry. 2019 , 223, 134-149	44
645	Heavy grazing effects on stem elongation and internode allometry: Insights from a natural pasture grass. 2019 , 74, 427-436	2
644	Stem Diameter (and Not Length) Limits Twig Leaf Biomass. 2019 , 10, 185	7
643	The effect of ground surface rugosity on ant running speed is species-specific rather than size dependent. 2019 , 66, 355-364	5
642	An allometry between seed kernel and seed coat shows greater investment in physical defense in small seeds. 2019 , 106, 371-376	5
641	Morphological divergence and reduced ectoparasite prevalence in an introduced population of a Caribbean anole. 2019 , 308, 188-196	1
640	Tree-ring isotopes suggest atmospheric drying limits temperature-growth responses of treeline bristlecone pine. 2019 , 39, 983-999	6
639	Similar hydraulic efficiency and safety across vesselless angiosperms and vessel-bearing species with scalariform perforation plates. 2019 , 70, 3227-3240	11

638	Latitudinal variation and coevolutionary diversification of sexually dimorphic traits in the false blister beetle. 2019 , 9, 4949-4957	2
637	Grassland plants show no relationship between leaf drought tolerance and soil moisture affinity, but rapidly adjust to changes in soil moisture. 2019 , 33, 774-785	10
636	Greater stem growth, woody allocation, and aboveground biomass in Paleotropical forests than in Neotropical forests. 2019 , 100, e02589	5
635	The hydraulic efficiency-safety trade-off differs between lianas and trees. 2019 , 100, e02666	23
634	Contribution of trace metallic elements to weakly contaminated lacustrine sediments: effects on benthic and pelagic organisms through multi-species laboratory bioassays. 2019 , 28, 154-166	0
633	Comparative morphology of presacral vertebrae in extant crocodylians: taxonomic, functional and ecological implications. 2019 ,	0
632	Hydraulic traits are coordinated with maximum plant height at the global scale. 2019 , 5, eaav1332	58
631	Hydraulic traits are more diverse in flowers than in leaves. 2019 , 223, 193-203	17
630	Patterns of sexual size dimorphism in stingless bees: Testing Rensch's rule and potential causes in highly eusocial bees (Hymenoptera: Apidae, Meliponini). 2019 , 9, 2688-2698	4
629	Contest dynamics and assessment strategies in combatant monkey beetles (Scarabaeidae: Hopliini). 2019 , 30, 713-723	3
628	Experimental and modeling evidence of carbon limitation of leaf appearance rate for spring and winter wheat. 2019 , 70, 2449-2462	9
627	Energy Balance Implications of Floral Traits Involved in Pollinator Attraction and Water Balance. 2019 , 180, 944-953	11
626	Diminishing Returns in the Scaling between Leaf Area and Twig Size in Three Forest Communities Along an Elevation Gradient of Wuyi Mountain, China. 2019 , 10, 1138	4
625	Resistant Soil Microbial Communities Show Signs of Increasing Phosphorus Limitation in Two Temperate Forests After Long-Term Nitrogen Addition. 2019 , 2,	10
624	Stem and leaf growth rates define the leaf size vs. number trade-off. 2019 , 11, plz063	6
623	Regional epigenetic variation in asexual snail populations among urban and rural lakes. 2019 , 5, dvz020	11
622	Two sides to every leaf: water and CO transport in hypostomatous and amphistomatous leaves. 2019 , 222, 1179-1187	37
621	Inverse Correlation between Amyloid Stiffness and Size. 2019 , 141, 58-61	5

- 620 Bridging reproductive and microbial ecology: a case study in arbuscular mycorrhizal fungi. **2019**, 13, 873-884 21
- 619 Genital morphology associated with mating strategy in the polymorphic lizard, *Uta stansburiana*. **2019**, 280, 184-192 3
- 618 Penis size and sperm quality, are all bats grey in the dark?. **2019**, 65, 697-703 4
- 617 A hyper-arid environment shapes an inverse pattern of the fast-slow plant economics spectrum for above-, but not below-ground resource acquisition strategies. **2019**, 107, 1079-1092 26
- 616 Towards high throughput assessment of canopy dynamics: The estimation of leaf area structure in Amazonian forests with multitemporal multi-sensor airborne lidar. **2019**, 221, 1-13 16
- 615 Are long-term trends in Bewick's Swan *Cygnus columbianus bewickii* numbers driven by changes in winter food resources?. **2019**, 29, 479-496 10
- 614 Global meta-analysis reveals different patterns of root tip adjustments by angiosperm and gymnosperm trees in response to environmental gradients. **2019**, 46, 123-133 10
- 613 Hungry and thirsty: Effects of CO₂ and limited water availability on plant performance. **2019**, 254, 188-193 11
- 612 Sex-specific plasticity of reproductive allocation in response to water depth in a clonal, dioecious macrophyte. **2019**, 106, 42-50 15
- 611 Predicting visual clarity and light penetration from water quality measures in New Zealand estuaries. **2019**, 219, 429-443 3
- 610 Variation in the functional traits of fine roots is linked to phylogenetics in the common tree species of Chinese subtropical forests. **2019**, 436, 347-364 10
- 609 Spontaneous Deceleration and Acceleration of Growth Rate in Medullary Thyroid Carcinomas Suggested by Changes in Calcitonin Doubling Times Over Long-Term Surveillance. **2019**, 43, 504-512 5
- 608 Comparative assessment of einkorn and emmer wheat phenomes: I. Plant architecture. **2019**, 66, 491-512 3
- 607 Pollen morphology in natural diploid-polyploid hybridogamous complex of the genus *Onosma* (Boraginaceae-Lithospermeae). **2019**, 305, 151-168 4
- 606 Efficiency and allometry of seed production in grassland forbs: site and year comparative study in the Italian Eastern Pre-Alps. **2019**, 153, 521-528
- 605 Responses of soil phosphorus fractions after nitrogen addition in a subtropical forest ecosystem: Insights from decreased Fe and Al oxides and increased plant roots. **2019**, 337, 246-255 33
- 604 Species-specific wet-dry mass calibrations for dominant Northeastern Pacific Ocean macroalgae and seagrass. **2019**, 152, 27-31 7
- 603 Marked reduction in body size of a wood mouse population in less than 30 years. **2019**, 95, 127-134 5

602	Diachronic adjustments of functional traits scaling relationships to track environmental changes: revisiting <i>Cistus</i> species leaf cohort classification. 2019 , 254, 173-180	2
601	Metrics and proxies for stringency of regulation of plant water status (iso/anisohydry): a global data set reveals coordination and trade-offs among water transport traits. 2019 , 39, 122-134	45
600	Changes in Ontogenetic Allometry and their Role in the Emergence of Cranial Morphology in Fossorial Spiny Rats (Echimyidae, Hystricomorpha, Rodentia). 2019 , 26, 575-585	4
599	Skull Ontogeny of the Hyraxes <i>Procavia capensis</i> and <i>Dendrohyrax arboreus</i> (Procaviidae: Hyracoidea). 2019 , 26, 317-331	6
598	Multiple phosphorus acquisition strategies adopted by fine roots in low-fertility soils in Central Amazonia. 2020 , 450, 49-63	26
597	<i>Enteromius pinnimaculatus</i> sp. nov. (Cypriniformes: Cyprinidae) from southern Gabon. 2020 , 96, 1218-1233	3
596	Quantile contours and allometric modelling for risk classification of abnormal ratios with an application to asymmetric growth-restriction in preterm infants. 2020 , 29, 1769-1786	4
595	Predictability of Leaf Morphological Traits for Paleoecological Reconstruction: The Case of Leaf Cuticle and Leaf Dry Mass per Area. 2020 , 181, 129-141	4
594	Comparative assessment of einkorn and emmer wheat phenomes: II phenotypic integration. 2020 , 67, 655-684	2
593	Intra-annual stem size variations converge across marginal populations of European beech. 2020 , 34, 255-265	2
592	Genetic isolation by distance in the yellowfin goby populations revealed by RAD sequencing. 2020 , 67, 98-104	5
591	A plant economics spectrum of litter decomposition among coexisting fern species in a sub-tropical forest. 2020 , 125, 145-155	6
590	Review of the cichlid genus <i>Thysochromis</i> (Teleostei: Ovalentaria) with the description of a new species from the Kouilou Province in the Republic of Congo, west-Central Africa. 2020 , 96, 1176-1185	0
589	The scaling of terrestrial striking performance in western ratsnakes (<i>Pantherophis obsoletus</i>). 2020 , 333, 96-103	5
588	Reproductive phenology as a dimension of the phenotypic space in 139 plant species from the Mediterranean. 2020 , 225, 740-753	8
587	Julian Huxley and the quantification of relative growth. 2020 , 139, 131-140	6
586	Mixed evidence for shifts to faster carbon capture strategies towards range edges of two coastal invasive plants in eastern Australia. 2020 , 22, 563-575	3
585	Functional ecology of congeneric variation in the leaf economics spectrum. 2020 , 225, 196-208	8

584	Altered leaf elemental composition with climate change is linked to reductions in photosynthesis, growth and survival in a semi-arid shrubland. 2020 , 108, 47-60	19
583	Simulated climate change decreases nutrient resorption from senescing leaves. 2020 , 26, 1795-1807	18
582	Adaptive specialization and constraint in morphological defences of planktonic larvae. 2020 , 34, 217-228	3
581	No sex differences in the economy of load-carriage. 2020 , 32, e23352	2
580	Leaf drought tolerance cannot be inferred from classic leaf traits in a tropical rainforest. 2020 , 108, 1030-1045	14
579	Shape variability in tridactyl dinosaur footprints: the significance of size and function. 2020 , 63, 203-228	7
578	Cranial variation in Gryposaurus and biostratigraphy of hadrosaurines (Ornithischia: Hadrosauridae) from the Dinosaur Park Formation of Alberta, Canada. 2020 , 57, 765-779	3
577	Allometric analysis reveals enhanced reproductive allocation in historical set of soybean varieties. 2020 , 248, 107717	7
576	Functional adaptation rather than ecogeographical rules determine body-size metrics along a thermal cline with elevation in the Chinese pygmy dormouse (<i>Typhlomys cinereus</i>). 2020 , 88, 102510	2
575	Drought survival is positively associated with high turgor loss points in temperate perennial grassland species. 2020 , 34, 788-798	9
574	Phylogeny, taxonomy and distribution of the Neotropical lizard genus <i>Echinosaura</i> (Squamata: Gymnophthalmidae), with the recognition of two new genera in Cercosaurinae. 2020 , 189, 287-314	7
573	Leaf vascular architecture in temperate dicotyledons: correlations and link to functional traits. 2019 , 251, 17	4
572	Skull ontogeny of the pronghorn (<i>Antilocapra americana</i>) in the comparative context of native North American ungulates. 2020 , 98, 165-174	1
571	Seasonal variation in the allometry of wing pigmentation in adult males of the territorial damselfly <i>Hetaerina vulnerata</i> (Insecta Odonata). 2020 , 32, 148-161	0
570	Extreme variation in testes size in an insect is linked to recent mating activity. 2020 , 33, 142-150	6
569	The temperature optima for tree seedling photosynthesis and growth depend on water inputs. 2019 , 26, 2544	15
568	Impact of pesticides in properties of <i>Bradyrhizobium</i> spp. and in the symbiotic performance with soybean. 2020 , 36, 172	3
567	Can We Reasonably Predict Chronic Species Sensitivity Distributions from Acute Species Sensitivity Distributions?. 2020 , 54, 13131-13136	3

566	Enclosure increases nutrient resorption from senescing leaves in a subalpine pasture. 2020 , 457, 269-278	4
565	Relationships of mass properties and body proportions to locomotor habit in terrestrial Archosauria. 2020 , 46, 550-568	7
564	Small tropical forest trees have a greater capacity to adjust carbon metabolism to long-term drought than large canopy trees. 2020 , 43, 2380-2393	6
563	The evolution of palate shape in the Lepilemur-Cheirogaleidae clade (Primates: Strepsirrhini). 2020 , 173, 307-321	
562	Context-dependent resource choice in a nest-building fish. 2020 , 166, 297-303	2
561	Barley shoot biomass responds strongly to N:P stoichiometry and intraspecific competition, whereas roots only alter their foraging. 2020 , 453, 515-528	7
560	From one side to two sides: the effects of stomatal distribution on photosynthesis. 2020 , 228, 1754-1766	15
559	Soil temperature drives elevational patterns of reproductive allometry in a biodiversity hotspot. 2020 , 221, 979-988	2
558	The acquisitive-conservative axis of leaf trait variation emerges even in homogeneous environments. 2020 ,	4
557	Vertebrae-Based Body Length Estimation in Crocodylians and Its Implication for Sexual Maturity and the Maximum Sizes. 2020 , 2, obaa042	2
556	Phenotypic variation, functional traits repeatability and core collection inference in <i>Synsepalum dulcificum</i> (Schumach & Thonn.) Daniell reveals the Dahomey Gap as a centre of diversity. 2020 , 10, 19538	3
555	Monitoring muscle over three orders of magnitude: Widespread positive allometry among locomotor and body support musculature in the pectoral girdle of varanid lizards (Varanidae). 2020 , 237, 1114-1135	5
554	Age Dynamics of Wind Risk and Tree Sway Characteristics in a Softwood Plantation. 2020 , 3,	1
553	A cross-scale assessment of productivity-diversity relationships. 2020 , 29, 1940-1955	10
552	Grazing Allometry: Anatomy, Movement, and Foraging Behavior of Three Cattle Breeds of Different Productivity. 2020 , 7, 494	9
551	Effects of size, phylogeny and locomotor habits on the pelvic and femoral morphology of South American spiny rats (Rodentia: Echimyidae). 2020 , 131, 835-869	2
550	Eye size and investment in frogs and toads correlate with adult habitat, activity pattern and breeding ecology. 2020 , 287, 20201393	13
549	Historical trend on seed amino acid concentration does not follow protein changes in soybeans. 2020 , 10, 17707	4

548	Effects of terrigenous organic substrates and additional phosphorus on bacterioplankton metabolism and exoenzyme stoichiometry. 2020 , 65, 1973-1988	2
547	The accuracy and precision of body mass estimation in non-avian dinosaurs. 2020 , 95, 1759-1797	18
546	Isotopic and morphologic proxies for reconstructing light environment and leaf function of fossil leaves: a modern calibration in the Daintree Rainforest, Australia. 2020 , 107, 1165-1176	5
545	The ecophysiology of a neotropical mistletoe depends on the leaf phenology of its tree hosts. 2020 , 107, 1225-1237	5
544	Accelerating homogenization of the global plant-frugivore meta-network. 2020 , 585, 74-78	29
543	Wood day capacitance is related to water content, wood density, and anatomy across 30 temperate tree species. 2020 , 43, 3048-3067	7
542	Convergent nitrogen-phosphorus scaling relationships in different plant organs along an elevational gradient. 2020 , 12, plaa021	2
541	Did the thylacine violate the costs of carnivory? Body mass and sexual dimorphism of an iconic Australian marsupial. 2020 , 287, 20201537	6
540	Scaling relationships in Formica ants with continuous worker size variation. 2020 , 67, 463-472	0
539	Forest carbon sink neutralized by pervasive growth-lifespan trade-offs. 2020 , 11, 4241	43
538	Global patterns of the leaf economics spectrum in wetlands. 2020 , 11, 4519	10
537	Allometric scaling in two bushcricket species (Orthoptera: Tettigoniidae) suggests sexual selection on song-generating structures. 2020 , 131, 521-535	3
536	Rapid evolution and plasticity of genitalia. 2020 , 33, 1361-1370	2
535	Fine-Root Traits Reveal Contrasting Ecological Strategies in European Beech and Norway Spruce During Extreme Drought. 2020 , 11, 1211	7
534	Natural variation at FLM splicing has pleiotropic effects modulating ecological strategies in Arabidopsis thaliana. 2020 , 11, 4140	4
533	Estimating maturity from size-at-age data: Are real-world fisheries datasets up to the task?. 2020 , 30, 681-697	1
532	Differential stoichiometric homeostasis and growth in two native and two invasive C grasses. 2020 , 193, 857-865	1
531	Insights into Design of Biomimetic Glycerol-Grafted Polyol-Based Polymers for Ice Nucleation/Recrystallization Inhibition and Thermal Hysteresis Activity. 2020 , 21, 4626-4637	5

- 530 Application of leaf size and leafing intensity scaling across subtropical trees. **2020**, 10, 13395-13402 2
- 529 Allometric relationships in morphological traits associated with foraging, swimming ability, and predator defense reveal adaptations toward brackish and freshwater environments in the threespine stickleback. **2020**, 10, 13412-13426 0
- 528 The Influence of Ecosystem and Phylogeny on Tropical Tree Crown Size and Shape. **2020**, 3, 3
- 527 Eye size in North American watersnakes (genus *Nerodia*) correlates with variation in feeding ecology. **2020**, 131, 774-784 1
- 526 Body composition helps: Differences in energy expenditure between pregnant and nonpregnant females. **2021**, 33, e23518 0
- 525 Nitrogen isotope composition of amino acids reveals trophic partitioning in two sympatric amphipods. **2020**, 10, 10773-10784 2
- 524 Bark water vapour conductance is associated with drought performance in tropical trees. **2020**, 16, 20200263 5
- 523 Leafing intensity decreases with increasing water table depth and plant height in *Populus euphratica*, a desert riparian species. **2020**, 109, 103672 2
- 522 Current Models Underestimate Future Irrigated Areas. **2020**, 47, e2020GL087360 16
- 521 The maleness of larger angiosperm flowers. **2020**, 117, 10921-10926 10
- 520 Assessing satellite-derived fire patches with functional diversity trait methods. **2020**, 247, 111897 4
- 519 When and where soil is important to modify the carbon and water economy of leaves. **2020**, 228, 121-135 6
- 518 Mesophyll CO conductance and leakiness are not responsive to short- and long-term soil water limitations in the C plant *Sorghum bicolor*. **2020**, 103, 1590-1602 4
- 517 Macroevolutionary patterns in seed component mass and different evolutionary trajectories across seed desiccation responses. **2020**, 228, 770-777 3
- 516 The Leaf Economics Spectrum Constrains Phenotypic Plasticity Across a Light Gradient. **2020**, 11, 735 4
- 515 Diversity of Reproductive Phenology Among Subtropical Grasses Is Constrained by Evolution and Climatic Niche. **2020**, 8, 4
- 514 Frond size, shape and fertility of *Thelypteris confluens* (Thunb.) C. V. Morton in wetlands disturbed by human activities in Hokkaido, northern Japan. **2020**, 269, 151630 4
- 513 Trait-based signatures of cloud base height in a tropical cloud forest. **2020**, 107, 886-894 2

512	Visual and hydraulic techniques produce similar estimates of cavitation resistance in woody species. 2020 , 228, 884-897	13
511	Changes in tree community structure in defaunated forests are not driven only by dispersal limitation. 2020 , 10, 3392-3401	3
510	Phenotypic plasticity in life-history characteristics of invasive blue catfish, <i>Ictalurus furcatus</i> . 2020 , 230, 105650	3
509	Functional Relationships Between Branch and Stem Wood Density for Temperate Tree Species in North America. 2020 , 3,	2
508	Post-fire resprouting capacity of seasonally dry forest species [Two quantitative indices. 2020 , 473, 118267	3
507	Light and competition alter leaf stoichiometry of introduced species and native mangrove species. 2020 , 738, 140301	9
506	How do pigs deal with dietary phosphorus deficiency?. 2020 , 124, 256-272	9
505	Soil extracellular enzyme activity and stoichiometry in China's forests. 2020 , 34, 1461-1471	20
504	Parallel evolution of arborescent carrots (<i>Daucus</i>) in Macaronesia. 2020 , 107, 394-412	8
503	Influence of feeding structures and early development on foraging guild assignment in four co-occurring fishes (Family Sciaenidae). 2020 , 167, 1	3
502	Scots pine trees react to drought by increasing xylem and phloem conductivities. 2020 , 40, 774-781	6
501	Costs and benefits of gas inside wood and its relationship with anatomical traits: a contrast between trees and lianas. 2020 , 40, 856-868	2
500	Effects of grassland degradation on ecological stoichiometry of soil ecosystems on the Qinghai-Tibet Plateau. 2020 , 722, 137910	31
499	Traits link drought resistance with herbivore defence and plant economics in semi-arid grasslands: The central roles of phenology and leaf dry matter content. 2020 , 108, 2336-2351	11
498	On the relationship of fractal geometry and tree stand metrics on point clouds derived from terrestrial laser scanning. <i>Methods in Ecology and Evolution</i> , 2020 , 11, 1309-1318	7.7 6
497	C:N:P stoichiometry and nutrient limitation of stream biofilms impacted by grassland degradation on the Qinghai-Tibet Plateau. 2020 , 150, 31-44	1
496	Biogeography of intraspecific trait variability in matgrass (<i>Nardus stricta</i>): High phenotypic variation at the local scale exceeds large scale variability patterns. 2020 , 46, 125555	0
495	Butterfly phenology in Mediterranean mountains using space-for-time substitution. 2020 , 10, 928-939	2

494	The community-level scaling relationship between leaf nitrogen and phosphorus changes with plant growth, climate and nutrient limitation. 2020 , 108, 1276-1286	13
493	An identification of invariants in life history traits of amphibians and reptiles. 2020 , 10, 1233-1251	1
492	Water Depth Underpins the Relative Roles and Fates of Nitrogen and Phosphorus in Lakes. 2020 , 54, 3191-3198	97
491	Background matching, disruptive coloration, and differential use of microhabitats in two neotropical grasshoppers with sexual dichromatism. 2020 , 10, 1401-1412	4
490	Sexual size dimorphism of the freshwater shrimp <i>Macrobrachium jelskii</i> (Miers, 1877) (Decapoda: Palaemonidae) and its relationship to Rensch's rule. 2020 , 64, 106-114	3
489	Changes in the Phenotype of Winter Wheat Varieties Released Between 1920 and 2016 in Response to In-Furrow Fertilizer: Biomass Allocation, Yield, and Grain Protein Concentration. 2019 , 10, 1786	21
488	Below-ground determinants and ecological implications of shrub species' degree of isohydry in subtropical pine plantations. 2020 , 226, 1656-1666	8
487	Water column nutrient concentrations are related to excretion by benthic invertebrates in Lake Taihu, China. 2020 , 261, 114161	3
486	Female need for paternal care shapes variation in extra-pair paternity in a cooperative breeder. 2020 , 31, 548-558	0
485	Rapid condition monitoring of an endangered marine vertebrate using precise, non-invasive morphometrics. 2020 , 242, 108402	7
484	Physiological Basis of Genotypic Response to Management in Dryland Wheat. 2019 , 10, 1644	18
483	Do bigger bodies require bigger radiators? Insights into thermal ecology from closely related marine mammal species and implications for ecogeographic rules. 2020 , 47, 1193-1206	2
482	Five-year nitrogen addition affects fine root exudation and its correlation with root respiration in a dominant species, <i>Quercus crispula</i> , of a cool temperate forest, Japan. 2020 , 40, 367-376	11
481	Fruit development of <i>Lithocarpus</i> (Fagaceae) and the role of heterochrony in their evolution. 2020 , 133, 217-229	1
480	Inferring lifestyle for Aves and Theropoda: A model based on curvatures of extant avian ungual bones. 2020 , 15, e0211173	8
479	Mineral nutrients, photosynthetic pigments and storage carbohydrates in turions of 21 aquatic plant species. 2020 , 165, 103238	1
478	Where should wild species be sampled? New method based on isolation-by-distance objectively gives the answer. 2020 , 20, 1299-1310	1
477	Multielemental Stoichiometry in Plant Organs: A Case Study With the Alpine Herb Across Southwest China. 2020 , 11, 441	4

476	Crop-gizzard content and volume variations among afrotrropical Apicotermitinae (Blattodea, Termitidae). 2020 , 67, 261-271	1
475	Livestock browsing affects the species composition and structure of cloud forest in the Dhofar Mountains of Oman. 2020 , 23, 363-376	7
474	Leaf trait variation is similar among genotypes of <i>Eucalyptus camaldulensis</i> from differing climates and arises in plastic responses to the seasons rather than water availability. 2020 , 227, 780-793	9
473	Determinants and constraints of feather growth. 2020 , 15, e0231925	5
472	Variation in external morphology between the native and invasive populations of the round goby, <i>Neogobius melanostomus</i> (Actinopterygii: Gobiidae). 2020 , 139, 361-371	3
471	Different responses of leaf and root traits to changes in soil nutrient availability do not converge into a community-level plant economics spectrum. 2020 , 450, 463-478	9
470	Obstetric dimensions of the female pelvis are less integrated than locomotor dimensions and show protective scaling patterns: Implications for the obstetrical dilemma. 2021 , 33, e23451	3
469	Predicting soil test phosphorus decrease in non-P-fertilized conditions. 2021 , 72, 254-264	0
468	Body size miniaturization in a lineage of colubrid snakes: Implications for cranial anatomy. 2021 , 238, 131-145	1
467	Increasing axial parenchyma fraction in the Malagasy Magnoliids facilitated the co-optimisation of hydraulic efficiency and safety. 2021 , 229, 1467-1480	2
466	The response of carbon assimilation and storage to long-term drought in tropical trees is dependent on light availability. 2021 , 35, 43-53	4
465	Differential determinants of growth rates in subtropical evergreen and deciduous juvenile trees: carbon gain, hydraulics and nutrient-use efficiencies. 2021 , 41, 12-23	3
464	Increasing effects of chronic nutrient enrichment on plant diversity loss and ecosystem productivity over time. 2021 , 102, e03218	13
463	Weak tradeoff between xylem hydraulic efficiency and safety: climatic seasonality matters. 2021 , 229, 1440-1452	9
462	The interspecific growth-mortality trade-off is not a general framework for tropical forest community structure. 2021 , 5, 174-183	7
461	Pre-introduction introgression contributes to parallel differentiation and contrasting hybridization outcomes between invasive and native marine mussels. 2021 , 34, 175-192	2
460	Intra-specific variation of non-genitalic and genitalic traits in two euophryine jumping spider species. 2021 , 313, 263-275	1
459	Peculiar relationships among morphology, burrowing performance and sand type in two fossorial microteiid lizards. 2021 , 144, 125880	0

458	Relative abundance of ureides differs among plant fractions in soybean. 2021 , 122, 126175	2
457	Locomotor Behavior and Body Mass of <i>Paramys delicatus</i> (Ischyromyidae, Rodentia) and Commentary on Other Early North American Paramyines. 2021 , 28, 435-456	1
456	Stability in subtropical forests: The role of tree species diversity, stand structure, environmental and socio-economic conditions. 2021 , 30, 500-513	9
455	Long-term, amplified responses of soil organic carbon to nitrogen addition worldwide. 2021 , 27, 1170-1180	26
454	Importance of organ age in driving intraspecific trait variation and coordination for three evergreen coniferous species. 2021 , 121, 107099	2
453	Allometry rather than abiotic drivers explains biomass allocation among leaves, stems and roots of <i>Artemisia</i> across a large environmental gradient in China. 2021 , 109, 1026-1040	4
452	Long-term nitrogen addition impact on agronomic traits, nitrogen uptake and nitrogen resorption efficiency of wheat in a rainfed region. 2021 , 85, 452-467	1
451	Plants increase silicon content as a response to nitrogen or phosphorus limitation: a case study with <i>Holcus lanatus</i> . 2021 , 462, 95-108	14
450	Gorilla calcaneal morphological variation and ecological divergence. 2021 , 174, 49-65	4
449	Contrasting biomass allocation responses across ontogeny and stress gradients reveal plant adaptations to drought and cold. 2021 , 35, 32-42	8
448	Testing the role of functional trait expression in plant-plant facilitation. 2021 , 35, 255-265	4
447	The allometry of plant height explains species loss under nitrogen addition. 2021 , 24, 553-562	5
446	Functional morphology of vertebrate claws investigated using functionally based categories and multiple morphological metrics. 2021 , 282, 449-471	7
445	Chromosome fusion affects genetic diversity and evolutionary turnover of functional loci, but consistently depends on chromosome size.	0
444	Multiple scaled symmetric distributions in allometric studies. 2021 ,	2
443	Developmental plasticity of in response to P deficiency: Modulation by inoculation with phosphate-solubilizing bacteria. 2021 , 5, e00296	0
442	Global patterns in leaf stoichiometry across coastal wetlands. 2021 , 30, 852-869	7
441	Sexual size dimorphism and its allometry in Chinese lizards. 2021 , 35, 323-335	1

440	Resurrection plants optimize photosynthesis despite very thick cell walls by means of chloroplast distribution. 2021 , 72, 2600-2610	6
439	Repeatability and Validity of Phenotypic Trait Measurements in Birds. 2021 , 48, 100-114	1
438	Twig biomass allocation of in different habitats in Wudalianchi Volcano, northeast China. 2021 , 16, 758-765	1
437	Allometric growth and carbon storage in the mangrove <i>Sonneratia apetala</i> . 2021 , 29, 129-141	3
436	Predator presence and recent climatic warming raise body temperatures of island lizards. 2021 , 24, 533-542	1
435	Callaghan and Balhard red winter wheat: Half-sibs inseparable by yield gain, separable by producer preference. 2021 , 15, 177-195	0
434	Variation in Body Size and Sexual Size Dimorphism of Ground Beetle <i>Pterostichus montanus</i> Motsch. (Coleoptera, Carabidae) in Altitude Gradient. 2021 , 14, 62-70	2
433	Species-specific wet-dry mass calibrations for common submersed macrophytes in the Upper Mississippi River. 2021 , 169, 103344	1
432	Crops and the Seed MassSeed Output Trade-Off in Plants. 2021 , 182, 84-90	3
431	Environmental constraints on the inter-genus variation in the scaling relationship between leaf nitrogen and phosphorus concentrations. 2021 , 14, 616-627	0
430	Fractal dimension of tree crowns explains species functional-trait responses to urban environments at different scales. 2021 , 31, e02297	2
429	Divergence in Coding Sequence and Expression of Different Functional Categories of Immune Genes between Two Wild Rodent Species. 2021 , 13,	0
428	Eye-body allometry across biphasic ontogeny in anuran amphibians. 2021 , 35, 337-359	6
427	Field Evidence of Mosquito Population Regulation by a Gregarine Parasite. 2021 , 58, 1188-1196	0
426	Morphology and anatomy of the Late Jurassic <i>Mayrocaris bucculata</i> (Eucrustacea?, Thylacocephala) with comments on the tagmosis of Thylacocephala. 2021 , 19, 289-320	1
425	Mistletoes and their eucalypt hosts differ in the response of leaf functional traits to climatic moisture supply. 2021 , 195, 759-771	7
424	Neural divergence and hybrid disruption between ecologically isolated butterflies. 2021 , 118,	6
423	The complex ecology of genitalia: Gonopodium length and allometry in the Trinidadian guppy. 2021 , 11, 4564-4576	0

422	Differences in leaf anatomy determines temperature response of leaf hydraulic and mesophyll CO conductance in phylogenetically related C and C grass species. 2021 , 230, 1802-1814	1
421	Shade alters the growth and architecture of tropical grasses by reducing root biomass. 2021 , 53, 1052-1062	3
420	glue protects from predation. 2021 , 288, 20210088	2
419	Vertical decoupling of soil nutrients and water under climate warming reduces plant cumulative nutrient uptake, water-use efficiency and productivity. 2021 , 230, 1378-1393	14
418	Postcopulatory sexual selection as a driver of sex- and population-specific kidney mass in garter snakes?. 2021 , 133, 93-104	2
417	Urban links to molt schedule, body condition and carotenoid-based coloration in the house finch <i>Haemorhous mexicanus</i> . 2021 , 52,	0
416	Leaf water relations in epiphytic ferns are driven by drought avoidance rather than tolerance mechanisms. 2021 , 44, 1741-1755	2
415	Lianas have more acquisitive traits than trees in a dry but not in a wet forest. 2021 , 109, 2367-2384	4
414	Localized control of opportunistic, overabundant species in protected areas: A retrospective modelling approach encompassing future scenarios.	0
413	Interactions between drought and shade on the productivity of winter pea grown in a 25-year-old walnut-based alley cropping system.	0
412	Geochemical zones and environmental gradients for soils from the central Transantarctic Mountains, Antarctica. 2021 , 18, 1629-1644	4
411	Prevalence, population dynamics and associated natural enemies of Tomato Leafminer, <i>Tuta absoluta</i> , in Egypt. 1	
410	Non-structural carbohydrates mediate seasonal water stress across Amazon forests. 2021 , 12, 2310	13
409	Wheat nitrogen, phosphorus, potassium, and sulfur uptake dynamics under different management practices. 2021 , 113, 2752-2769	2
408	The 3D construction of leaves is coordinated with water use efficiency in conifers.	
407	The global ocean size-spectrum from bacteria to whales.	1
406	Embryonic evidence uncovers convergent origins of laryngeal echolocation in bats. 2021 , 31, 1353-1365.e3	9
405	Scaling and relative size of the human, nonhuman ape, and baboon calcaneus. 2022 , 305, 100-122	1

- 404 An Intrinsic Geometric Constraint on Morphological Stomatal Traits. **2021**, 12, 658702 0
- 403 The growth factor BMP11 is required for the development and evolution of a male exaggerated weapon and its associated fighting behavior in a water strider. **2021**, 19, e3001157 2
- 402 River phosphorus cycling constrains lake cyanobacteria blooms. 0
- 401 Does the Multistage 20-m Shuttle Run Test Accurately Predict VO in NCAA Division I Women Collegiate Field Hockey Athletes?. **2021**, 9, 2
- 400 Asymmetry in the frequency and proportion of arm truncation in three sympatric California Octopus species. **2021**, 147, 125940 2
- 399 Weak coordination between leaf drought tolerance and proxy traits in herbaceous plants. **2021**, 35, 1299-1311 4
- 398 Enhanced carbon acquisition and use efficiency alleviate microbial carbon relative to nitrogen limitation under soil acidification. **2021**, 10, 1
- 397 Shell morphology, growth and longevity of *Unio tumidus* (Bivalvia: Unionidae) from an archaeological site and contemporary population inhabiting the Oder estuary. **2021**, 848, 3555 1
- 396 Is plant reproductive efficiency expressed on a continuum of facilitation and competition?. **2021**, 32, e13043
- 395 Unraveling plant strategies in tidal marshes by investigating plant traits and environmental conditions. **2021**, 32, e13038 0
- 394 Rhizome trait scaling relationships are modulated by climate and are linked to plant fitness.
- 393 Response of root traits to plastic film mulch and its effects on yield. **2021**, 209, 104930 3
- 392 Apple tree adaptation to shade in agroforestry: an architectural approach. **2021**, 108, 732-743 2
- 391 Geographic variation in shoot structure in association with fruit size in an evergreen woody species. **2021**, 13, plab023
- 390 Quantitative Analyses of Feliform Humeri Reveal the Existence of a Very Large Cat in North America During the Miocene. **2021**, 28, 729-751 1
- 389 Ecology and morphology of the dwarf bromeliad boa *Ungaliophis panamensis* (Squamata, Boidae, Ungaliophiinae) in Costa Rica and Panama. **2021**, 16, 317-331
- 388 Competitive drivers of interspecific deviations of crown morphology from theoretical predictions measured with Terrestrial Laser Scanning. **2021**, 109, 2612-2628 3
- 387 Spatial variation in antler investment of Apennine red deer. **2021**, 11, 7850-7864 4

- 386 Living on the edge: A continental-scale assessment of forest vulnerability to drought. **2021**, 27, 3620-3641 11
- 385 Allometric scaling of biomass with nitrogen and phosphorus above- and below-ground in herbaceous plants varies along water-salinity gradients. **2021**, 13, plab030
- 384 Latitudinal and Longitudinal Trends of Seed Traits Indicate Adaptive Strategies of an Invasive Plant. **2021**, 12, 657813 2
- 383 The Functional and Allometric Implications of Hipbone Trabecular Microarchitecture in a Sample of Eutherian and Metatherian Mammals. **2021**, 48, 346-365
- 382 Interspecific interactions regulate plant reproductive allometry in cereal-legume intercropping systems. 1
- 381 Growth allometry and dental topography in Upper Triassic conodonts supports trophic differentiation and molar-like element function. 0
- 380 Functional differentiation among 12 dipterocarp species under contrasting water availabilities in Northeast Thailand. **2021**, 99, 321-335
- 379 Rarity patterns of woody plant species are associated with life form and diversification rates in Pacific islands forests. **2021**, 108, 946-957 1
- 378 Allometric scaling relationships of *Larix potaninii* subsp. *chinensis* traits across topographical gradients. **2021**, 125, 107492 2
- 377 A test of altitude-related variation in aerobic metabolism of Andean birds. **2021**, 224, 1-6 3
- 376 Sticking around: plant persistence strategies on edaphic islands.
- 375 Sex-Specific Plasticity Explains Genetic Variation in Sexual Size Dimorphism in *Drosophila*. 0
- 374 Direct and size-mediated effects of temperature and ration-dependent growth rates on energy reserves in juvenile anadromous alewives (*Alosa pseudoharengus*). **2021**, 99, 1236-1246 1
- 373 Gymnodimine A in mollusks from the north Atlantic Coast of Spain: Prevalence, concentration, and relationship with spirocides. **2021**, 279, 116919 6
- 372 Density-dependent plant growth drives grazer stimulation of aboveground net primary production in Yellowstone grasslands. **2021**, 196, 851-861 0
- 371 Generality and Shifts in Leaf Trait Relationships Between Alpine Aquatic and Terrestrial Herbaceous Plants on the Tibetan Plateau. **2021**, 9, 2
- 370 A trans locus causes a ribosomopathy in hypertrophic hearts that affects mRNA translation in a protein length-dependent fashion. **2021**, 22, 191 1
- 369 Leaf morpho-anatomical traits in *Vigna radiata* L. affect plant photosynthetic acclimation to changing vapor pressure deficit. **2021**, 186, 104453 7

368	Postnatal cranial ontogeny and growth strategies in the black-tailed gull <i>Larus crassirostris</i> breeding on Kabu Island, Aomori, Japan. 2021 , 315, 183	0
367	Variation in resource allocation strategies and environmental driving factors for different life-forms of aquatic plants in cold temperate zones. 2021 , 109, 3046-3059	1
366	Long-distance dispersal events rather than growth habit and life-history traits affect diversification rate in tribe Apiaceae (Apiaceae).	3
365	Sexual dimorphism in the fossil ground sloth <i>Lestodon armatus</i> (Xenarthra, Folivora). 1-13	1
364	Developmental Nutrition Affects the Structural Integrity of a Sexually Selected Weapon. 2021 , 61, 723-735	3
363	How do leaf carbon and nitrogen contents of oak hosts affect the heterotrophic level of <i>Loranthus europaeus</i> ? Insights from stable isotope ecophysiology assays. 2021 , 125, 107583	2
362	Chromosome Fusion Affects Genetic Diversity and Evolutionary Turnover of Functional Loci but Consistently Depends on Chromosome Size. 2021 , 38, 4449-4462	10
361	Measuring the Contribution of Leaves to the Structural Complexity of Urban Tree Crowns with Terrestrial Laser Scanning. 2021 , 13, 2773	1
360	Intraspecific correlations between growth and defence vary with resource availability and differ within and among populations. 2021 , 35, 2387	1
359	Biological scaling in green algae: the role of cell size and geometry. 2021 , 11, 14425	2
358	Parenchyma underlies the interspecific variation of xylem hydraulics and carbon storage across 15 woody species on a subtropical island in Japan. 2021 ,	2
357	Stable Coexistence in a Field-Calibrated Individual-Based Model of Mangrove Forest Dynamics Caused by Inter-Specific Crown Plasticity. 2021 , 12, 955	0
356	Higher water and nutrient use efficiencies in savanna than in rainforest lianas result in no difference in photosynthesis. 2021 ,	1
355	Phenotypic integration does not constrain phenotypic plasticity: differential plasticity of traits is associated to their integration across environments. 2021 , 231, 2359-2370	2
354	Leaf Structural Traits Vary With Plant Size in Even-Aged Stands of. 2021 , 12, 692484	0
353	Resisting Aridification: Adaptation of Sap Conduction Performance in Moroccan Wild Olive Subspecies Distributed Over an Aridity Gradient. 2021 , 12, 663721	3
352	Fine root trait-function relationships affected by mycorrhizal type and climate. 2021 , 394, 115011	1
351	Global Analysis of the Relationship between Reconstructed Solar-Induced Chlorophyll Fluorescence (SIF) and Gross Primary Production (GPP). 2021 , 13, 2824	1

350	Big, flightless, insular and dead: Characterising the extinct birds of the Quaternary. 2021 , 48, 2350-2359	5
349	Co-benefits in biodiversity conservation and carbon stock during forest regeneration in a preserved tropical landscape. 2021 , 492, 119222	1
348	Allocation strategies of carbon, nitrogen, and phosphorus following a gradient of wildfire severities.	0
347	Size-weight relationships and condition factor of the invasive Atlantic blue crab <i>Callinectes sapidus</i> Rathbun, 1896 (Decapoda: Brachyura: Portunidae) from northern Tunisia: a preliminary investigation. 2021 , 41,	0
346	Effects of long-term water reduction and nitrogen addition on fine roots and fungal hyphae in a mixed mature <i>Pinus koraiensis</i> forest. 2021 , 467, 451	0
345	Glue genes are subjected to diverse selective forces during <i>Drosophila</i> development.	
344	The Shapes of Birds' Eggs: Evolutionary Constraints and Adaptations. 2021 , 198, E215-E231	0
343	Interspecific interactions regulate plant reproductive allometry in cereal-legume intercropping systems.	1
342	Morphological determinants of bite force capacity in insects: a biomechanical analysis of polymorphous leaf-cutter ants.	
341	Health assessment of the pink land iguana, <i>Conolophus marthae</i> .	
340	Body size allometry impacts flight-related morphology and metabolic rates in the solitary bee <i>Megachile rotundata</i> . 2021 , 133, 104275	4
339	Woodland salamander population structure and body condition under irregular shelterwood systems. 2021 , 51, 1281-1291	0
338	Morphological determinants of bite force capacity in insects: a biomechanical analysis of polymorphic leaf-cutter ants. 2021 , 18, 20210424	3
337	Evolutionary and biogeographical support for species-specific proteins in lizard chemical signals.	0
336	Canopy Position Influences the Degree of Light Suppression of Leaf Respiration in Abundant Tree Genera in the Amazon Forest. 2021 , 4,	
335	Fine-scale altitudinal gradients influence the relationships between structural attributes and aboveground biomass in Central Africa. 2021 , 51, 1368-1376	0
334	Associations between metabolic traits and growth rate in brown trout (<i>Oncorhynchus mykiss</i>) depend on thermal regime. 2021 , 288, 20211509	0
333	Anatomical, morphometric, and stratigraphic analyses of theropod biodiversity in the Upper Cretaceous (Campanian) Dinosaur Park Formation. 2021 , 58, 870-884	3

332 What do we know about parasitic plants and the leaf economic spectrum?.

331 Tree growth response to soil nutrients and neighborhood crowding varies between mycorrhizal types in an old-growth temperate forest. **2021**, 197, 523-535 1

330 Differential investment in visual and olfactory brain regions is linked to the sensory needs of a wasp social parasite and its host. **2021**, 1

329 The Atacama toad (*Rhinella atacamensis*) exhibits an unusual clinal pattern of decreasing body size towards more arid environments. **2021**, 6,

328 No Evidence for Effects of Ecological and Behavioral Factors on Eye Size Evolution in Anurans. **2021**, 9, 0

327 Exploring the instability of the relationship between maximum potential electron transport rate and maximum carboxylation rate in cool-temperate deciduous forests. **2021**, 308-309, 108614 3

326 Functional traits as indicators of ecological strategies of savanna woody species under contrasting substrate conditions. **2021**, 284, 151925 1

325 Screening optimum population density in response to soil water availability in dryland wheat: From laboratory to field. **2021**, 257, 107147 0

324 Fire and drought: Shifts in bark investment across a broad geographical scale for Neotropical savanna trees. **2021**, 56, 110-121 0

323 Differential investment in visual and olfactory brain regions mirrors the sensory needs of a paper wasp social parasite and its host. 0

322 Differing limb functions and their potential influence upon the diversification of the mustelid hindlimb skeleton. **2021**, 132, 685-703 1

321 Effects of Wood Hydraulic Properties on Water Use and Productivity of Tropical Rainforest Trees. **2021**, 3, 4

320 Sexual size dimorphism variation in altitude gradients in ground beetles (Coleoptera, Carabidae). **2021**, 35, 00005

319 Mycorrhizal type governs foliar and root multi-elemental stoichiometries of trees mainly via root traits. **2021**, 460, 229-246 2

318 External Opportunities, Innovation and Industrial Growth: The Case of GVCs in Africa. **2016**, 85-112 1

317 Comparisons of day-time and night-time hydroacoustic surveys in temperate lakes. **2020**, 33, 9 4

316 Maximum CO diffusion inside leaves is limited by the scaling of cell size and genome size. **2021**, 288, 20203145 13

315 Ecological drivers of body size evolution and sexual size dimorphism in short-horned grasshoppers (Orthoptera: Acrididae). 1

314	Morphometrics reveals complex and heritable apple leaf shapes.	3
313	Maximum CO ₂ diffusion inside leaves is limited by the scaling of cell size and genome size.	2
312	Barley shoot biomass responds strongly to N:P stoichiometry and intraspecific competition, whereas roots only alter their foraging.	1
311	Transcontrol of cardiac mRNA translation in a protein length-dependent fashion.	2
310	Neural divergence and hybrid disruption between ecologically isolated <i>Heliconius</i> butterflies.	1
309	Crops and the seed mass-seed output trade-off in plants.	1
308	A physiological approach to the ecology and evolution of flowers.	1
307	Wood capacitance is related to water content, wood density, and anatomy across 30 temperate tree species.	1
306	Spatio-temporal evaluation of plant height in corn via unmanned aerial systems. 2017 , 11, 1	22
305	Genome downsizing, physiological novelty, and the global dominance of flowering plants. 2018 , 16, e2003706	74
304	Testing the stress-gradient hypothesis at the roof of the world: effects of the cushion plant <i>Thylacospermum caespitosum</i> on species assemblages. 2013 , 8, e53514	51
303	Plant functional diversity and species diversity in the Mongolian steppe. 2013 , 8, e77565	12
302	Elevation-related variation in leaf stomatal traits as a function of plant functional type: evidence from Changbai Mountain, China. 2014 , 9, e115395	28
301	Pathways of <i>Leymus chinensis</i> Individual Aboveground Biomass Decline in Natural Semiarid Grassland Induced by Overgrazing: A Study at the Plant Functional Trait Scale. 2015 , 10, e0124443	20
300	The Allometry of Bee Proboscis Length and Its Uses in Ecology. 2016 , 11, e0151482	55
299	Limb Bone Structural Proportions and Locomotor Behavior in A.L. 288-1 ("Lucy"). 2016 , 11, e0166095	51
298	Scaling relationships of twig biomass allocation in <i>Pinus hwangshanensis</i> along an altitudinal gradient. 2017 , 12, e0178344	6
297	The influence of speed and size on avian terrestrial locomotor biomechanics: Predicting locomotion in extinct theropod dinosaurs. 2018 , 13, e0192172	24

296	Is the OUTPUT Sports Unit Reliable and Valid When Estimating Back Squat and Bench Press Concentric Velocity?. 2020 , Publish Ahead of Print,	3
295	Role of functional trait variability in the response of individual phytoplankton species to changing environmental conditions in a coastal upwelling zone. 2018 , 596, 33-47	9
294	Differentiation in architectural properties and functional traits of forest-floor saplings among heath, peat swamp, and mixed dipterocarp forests. 2014 , 22, 157-167	1
293	Evaluating NARCCAP model performance for frequencies of severe-storm environments. 2016 , 2, 137-153	6
292	Structural, physiognomic and aboveground biomass variation in savanna-forest transition zones on three continents. How different are co-occurring savanna and forest formations?.	8
291	The relationships between biodiversity and ecosystem services and the effects of grazing cessation in semi-natural grasslands. 2018 , 18, 55-65	8
290	Genetics of -regulatory variation in gene expression. 2018 , 7,	53
289	An exceptionally preserved armored dinosaur reveals the morphology and allometry of osteoderms and their horny epidermal coverings. 2017 , 5, e4066	21
288	Feeding ecology and sexual dimorphism in a speciose flower beetle clade (Hopliini: Scarabaeidae). 2018 , 6, e4632	5
287	Ramification has little impact on shoot hydraulic efficiency in the sexually dimorphic genus (Proteaceae). 2019 , 7, e6835	7
286	Uncertainty in gap filling and estimating the annual sum of carbon dioxide exchange for the desert Tugai forest, Ebinur Lake Basin, Northwest China. 2020 , 8, e8530	1
285	The fungal community in non-rhizosphere soil of are driven by different cultivation modes and increased cultivation periods. 2020 , 8, e9930	5
284	Relationship Between Insulin Secretion and Insulin Sensitivity and its Role in Development of Type 2 Diabetes Mellitus: Beyond the Disposition Index. 2021 ,	0
283	Enhanced photosynthetic nitrogen use efficiency and increased nitrogen allocation to photosynthetic machinery under cotton domestication. 2021 , 150, 239-250	4
282	Increasing fire and the decline of fire adapted black spruce in the boreal forest. 2021 , 118,	18
281	Morphological differences in skulls and feeding apparatuses between Antarctic and common minke whales, and the implication for their feeding ecology.	1
280	The three-dimensional construction of leaves is coordinated with water use efficiency in conifers. 2021 , 233, 851	1
279	Trade-off between Modules in <i>Arthraxon hispidus</i> on Slopes of Different Aspects. 2017 , 06, 73-81	

278 Secondary osteons scale allometrically in mammalian humerus and femur.

277 Coordinated shifts in allocation among reproductive tissues across 14 coexisting plant species.

276 Cold-hearted bats: Cardiac function and metabolism of small bats during torpor at subzero temperatures.

275 Evaluation of nutrient stoichiometric relationships amongst ecosystem compartments of a subtropical treatment wetland. Do we have Redfield Wetlands?

274 Limb bone scaling in hopping macropods and quadrupedal artiodactyls.

273 Fluctuating selection strength and intense male competition underlie variation and exaggeration of a water strider's male weapon.

272 Vigour/tolerance trade-off in cultivated sunflower (*Helianthus annuus*) response to salinity stress is linked to leaf elemental composition.

271 Hydraulic traits are more diverse in flowers than in leaves.

270 Principles of Relative Growth Analysis. **2019**, 253-301

269 Craniofacial allometry is a rule in evolutionary radiations of placentals.

1

268 Inferring lifestyle for Aves and Theropoda: a model based on curvatures of extant avian ungual bones.

0

267 Length-weight relationship and growth parameters of the commercial fish *Pagellus erythrinus* (Linnaeus, 1758) (Actinopterygii: Sparidae) from northern and southern Tunisia. **2019**, 54, 3-11

266 Shear-sensitive adhesion enables size-independent adhesive performance in stick insects.

265 A cross-scale assessment of productivity-diversity relationships.

264 Benthic trophic networks of the southern North Sea: contrasting soft-sediment communities share high food web similarity. **2019**, 628, 17-36

263 The Influence of Ecosystem and Phylogeny on Tropical Tree Crown Size and Shape.

262 Developmental plasticity of *Brachypodium distachyon* in response to P deficiency: modulation by inoculation with phosphate-solubilizing bacteria.

261 Quantitatively assessing mekosuchine crocodile locomotion by geometric morphometric and finite element analysis of the forelimb. **2020**, 8, e9349

0

- 260 Convergent tip-to-base widening of water-conducting conduits in the tallest bryophytes. **2021**, 0
- 259 Paralytic Shellfish Poisoning (PSP) in Mussels from the Eastern Cantabrian Sea: Toxicity, Toxin Profile, and Co-Occurrence with Cyclic Imines. **2021**, 13, 1
- 258 Evolution of sexual dimorphism in an endemic toad of the Qinghai-Tibet plateau fails to obey Rensch's rule.
- 257 *Drosophila* glue protects from predation.
- 256 Gonadosomatic index and weight/length relationship in females of three penaeoidean shrimps impacted by fisheries on the southeastern Brazilian coast. 28,
- 255 Glue Genes Are Subjected to Diverse Selective Forces during *Drosophila* Development. **2021**, 13, 0
- 254 Pleiotropy promotes male exaggerated weapon and its associated fighting behaviour in a water strider. 1
- 253 Caste, sex, and parasitism influence brain plasticity in a social wasp.
- 252 Ground layer Cerrado plants sustain higher maximum photosynthetic rates after medium-term fire events. **2021**, 285, 151962 0
- 251 A whole-plant economics spectrum including bark functional traits for 59 subtropical woody plant species. 2
- 250 Ecoenzymatic stoichiometry reveals phosphorus addition alleviates microbial nutrient limitation and promotes soil carbon sequestration in agricultural ecosystems. 1 2
- 249 A test of altitude-related variation in aerobic metabolism of Andean birds.
- 248 *Aedes albopictus* (Diptera: Culicidae) Monitoring in the Lazio Region (Central Italy). **2021**, 58, 847-856 2
- 247 The relationships among structure variables of larch forests in China. **2020**, 7, 3
- 246 Is the tolerance of sunflower floret differentiation to crop density associated with the stem growth and with the oil yield response to density?. **2022**, 275, 108362
- 245 Global analysis of trait-trait relationships within and between species. **2021**, 0
- 244 Measuring circulating triglycerides in free-living birds: evaluation of a field-usable point-of-care analyzer for American woodcock. **2022**, 163, 235 0
- 243 Body proportions and environmental adaptation in gorillas. 2

242	Variation among 91 stone oak species (Fagaceae, Lithocarpus) in fruit and vegetative morphology in relation to climatic factors. 2021 , 286, 151984	1
241	Should I GROW or should I SLOW: A meta-analysis of fast-growing tree-species grown in cadmium perturbed environment. 2021 , e13594	
240	Colony composition, phasic reproduction, and queen/worker dimorphism of an oriental non-army ant doryline <i>Cerapachys sulcinodis</i> species complex in northern Thailand. 1	0
239	Jumping in lantern bugs (Hemiptera, Fulgoridae). 2021 , 224,	0
238	The global ocean size spectrum from bacteria to whales. 2021 , 7, eabh3732	3
237	The stabilising impact of natural selection on the allometry of sexual ornaments: Fish that escape locomotor constraints exhibit extravagant ornamentation.	2
236	Correlational selection and genetic architecture promote the leaf economics spectrum in a perennial grass.	
235	Pith width, leaf size, and twig thickness. 2021 , 108, 2143-2149	1
234	OUP accepted manuscript.	0
233	Leaf economics in a three-dimensional environment: Testing leaf trait responses in vascular epiphytes to land use, climate and tree zone.	1
232	Comparison of Specimen- and Image-Based Morphometrics for Cisco. 2021 , 12, 208-215	1
231	Allometric differentiation of tree species from different strata in a selectively logged Atlantic Forest remnant in southern Brazil. 1	
230	Genetic variation in leaf traits and gas exchange responses to vapour pressure deficit in contrasting conifer species.	
229	Testing unified theories for ozone response in C species.. 2022 ,	0
228	Inferring the genetic responses to acute drought stress across an ecological gradient.. 2022 , 23, 3	
227	Caste, Sex, and Parasitism Influence Brain Plasticity in a Social Wasp. 2022 , 10,	
226	Structural organization of the spongy mesophyll.. 2022 ,	3
225	Distinct leaf water potential regulation of tree species and vegetation types across the CerradoAmazonia transition.	0

- 224 Carbon allocation patterns in forbs and grasses differ in responses to mowing and nitrogen fertilization in a temperate grassland. **2022**, 135, 108588 0
- 223 Biomass calibration of nine dominant native and non-native Levantine seaweeds. **2022**, 178, 103496 0
- 222 A doubling of atmospheric CO₂ mitigates the effects of severe drought on maize through the preservation of soil water.. **2022**,
- 221 A mechanistic model for nitrogen-limited plant growth.. **2022**,
- 220 Change of morphometric and allometric patterns on wings of banded demoiselle (*Calopteryx splendens*) males in case of ecologically different watercourse types. **2022**, 68, 99-118
- 219 Function predicts the allometry of contest-related traits, but not sexual or male dimorphism in the amazonian tusked harvestman. 1 0
- 218 Interactive effects of multiscale diversification practices on farmland bird stress.. **2022**,
- 217 Rhizome trait scaling relationships are modulated by growth conditions and are linked to plant fitness.. **2022**, 1
- 216 Divergence in *Heliconius* flight behaviour is associated with local adaptation to different forest structures.. **2022**, 2
- 215 Ecological Predictors and Functional Implications of Eye Size in Deep-Sea Shrimps. **2022**, 10, 0
- 214 Differential Investment Strategies in Leaf Economic Traits Across Climate Regions Worldwide.. **2022**, 13, 798035 1
- 213 The leading trait dimensions in flood-tolerant plants.. **2022**, 0
- 212 Conservation of a flagship species: Health assessment of the pink land iguana, *Conolophus marthae*.. **2022**, 17, e0257179 1
- 211 CO₂ -stimulation of savanna tree seedling growth depends on interactions with local drivers. 0
- 210 Taxonomy, allometry, sexual dimorphism, and conservation of the trans-Andean watersnake *Helicops danieli* Amaral, 1937 (Serpentes: Dipsadidae: Hydropsini). **2022**, 100, 184-196
- 209 Fear of the new? Geckos hesitate to attack novel prey, feed near objects and enter a novel space.
- 208 Nutrient limitation affects biofilm enzymatic activities in a glacier-fed river. 1 0
- 207 Scaling the leaf length-times-width equation to predict total leaf area of shoots.. **2022**, 1

206	Allometric analysis sheds light on the systematics and ontogeny of anurognathid pterosaurs.	1
205	Mind the Gap: Reach and Mechanical Diversity of Searcher Shoots in Climbing Plants. 5,	0
204	The shape of root systems in a mountain meadow: plastic responses or species-specific architectural blueprints?. 2022,	0
203	Leaf phosphorus fractionation in rice to understand internal phosphorus-use efficiency. 2021,	1
202	Global intercomparison of functional pyrodiversity from two satellite sensors. 2021, 42, 9523-9541	1
201	Correlations between leaf economics, mechanical resistance, and drought tolerance across 41 cycad species. 2021,	1
200	Physiology and acclimation potential are tuned with phenology in larvae of a prolonged breeder amphibian. 2022, 2022,	0
199	Fitness of breeders in social Damaraland mole-rats is independent of group size.	1
198	Genotypic variation of plant biomass under nitrogen deficiency is positively correlated with conservative economic traits in wheat.. 2021,	0
197	Logging effects on parasitic infections in a swamp rat (<i>Malacomys edwardsi</i>) in West Africa.	
196	Identification of supraoptimal temperatures in juvenile blueback herring () using survival, growth rate and scaled energy reserves.. 2022, 10, coac022	
195	Environmental variation drives the decoupling of leaf and root traits within species along an elevation gradient.. 2022,	1
194	Variation of photosynthesis during plant evolution and domestication: implications for improving crop photosynthesis.. 2022,	2
193	A quantitative review into the contributions of biological nitrogen fixation to agricultural systems by grain legumes. 2022, 136, 126514	3
192	Data_Sheet_1.PDF. 2019,	
191	Data_Sheet_2.PDF. 2019,	
190	Data_Sheet_3.PDF. 2019,	
189	Data_Sheet_4.PDF. 2019,	

188 Image_1.TIFF. 2019,

187 Image_2.TIFF. 2019,

186 Data_Sheet_1.pdf. 2020,

185 Data_Sheet_2.pdf. 2020,

184 Data_Sheet_3.pdf. 2020,

183 Table_1.XLSX. 2020,

182 Data_Sheet_1.docx. 2020,

181 Table_1.XLSX. 2020,

180 Data_Sheet_1.docx. 2020,

179 Image_1.TIF. 2020,

178 Image_2.TIF. 2020,

177 DataSheet_1.docx. 2020,

176 DataSheet_1.docx. 2020,

175 Data_Sheet_1.PDF. 2019,

174 DataSheet_1.pdf. 2020,

173 Data_Sheet_1.XLSX. 2020,

172 Presentation_1.pdf. 2020,

171 Image1.PDF. 2018,

170 Image2.PDF. 2018,

169 Image3.JPEG. 2018,

168 Image4.PDF. 2018,

167 Image5.PDF. 2018,

166 Table1.CSV. 2018,

165 Table2.csv. 2018,

164 Table3.CSV. 2018,

163 Table4.csv. 2018,

162 Table5.CSV. 2018,

161 Table6.XLSX. 2018,

160 Table7.CSV. 2018,

159 Table8.csv. 2018,

158 Data_Sheet_1.csv. 2019,

157 Presentation_1.pdf. 2019,

156 Table_1.docx. 2019,

155 Table_2.DOCX. 2019,

154 DataSheet1.pdf. 2018,

153 DataSheet2.pdf. 2018,

152 Image1.pdf. **2018**,

151 Image2.pdf. **2018**,

150 Leaves of neotropical savanna tree species are more heat-tolerant than leaves of semi-deciduous forest species. **2022**, 34, 227

149 Can evolutionary history predict plant plastic responses to climate change?. **2022**,

3

148 Dancing drives evolution of sexual size dimorphism in manakins.. **2022**, 289, 20212540

1

147 A field test of forest canopy structure measurements with the CanopyCapture smartphone application.. **2022**, 10, e13450

0

146 Can Chemical Toxicity in Saltwater Be Predicted from Toxicity in Freshwater? A Comprehensive Evaluation Using Species Sensitivity Distributions.. **2022**,

0

145 Anuran interorbital distance variation: the role of ecological and behavioral factors.. **2022**,

0

144 Longer and faster: Intra-annual growth dynamics of Douglas fir outperform Norway spruce and silver fir over wide climatic gradients. **2022**, 321, 108970

0

143 Maize prolificacy under contrasting plant densities and N supplies: I. Plant growth, biomass allocation and development of apical and sub-apical ears from floral induction to silking. **2022**, 284, 108553

2

142 Microspines in tropical climbing plants: a small-scale fix for life in an obstacle course.. **2022**,

0

141 Accelerating animal energetics: High dive costs in a small seabird disrupt the dynamic body acceleration - energy expenditure relationship.. **2022**,

0

140 Species variation in the hydrogen isotope composition of leaf cellulose is mostly driven by isotopic variation in leaf sucrose.

0

139 Differential nutrient limitation and tree height control leaf physiology, supporting niche partitioning in tropical dipterocarp forests.

0

138 Physiological and morphological assessments suggest opposite structural allocation strategies between closely related invasive clams.

137 Flooding alleviates copper stress on Salix: Evidence from stoichiometric patterns among plant tissues.

1

136 Complexity of biological scaling suggests an absence of systematic trade-offs between sensory modalities in Drosophila. **2022**, 13,

135 Divergence of hydraulic traits among tropical forest trees across topographic and vertical environment gradients in Borneo.

0

- 134 Species richness patterns and the determinants of larch forests in China. **2022**, 1
- 133 *Macrocystis pyrifera* forest development shapes the physical environment through current velocity reduction. 0
- 132 Regulation of anthocyanin and sugar accumulation in grape berry through carbon limitation and exogenous ABA application. **2022**, 111478 2
- 131 Relationships among body size components of three flightless New Zealand grasshopper species (Orthoptera, Acrididae) and their ecological applications. **2022**, 31, 91-103 0
- 130 Automated non-lethal moth traps can be used for robust estimates of moth abundance.
- 129 Competitive performance of *Pinus massoniana* is related to scaling relationships at the individual plant and branch levels.
- 128 Sticking around: Plant persistence strategies on edaphic islands. 0
- 127 Responses of Nutrient Resorption to Human Disturbances in *Phoebe bournei* Forests. **2022**, 13, 905
- 126 Sexual dimorphism and allometry in malacophagus snakes (Dipsadidae: Dipsadinae). **2022**, 153, 126026
- 125 Analyzing Force-Time Curves: Comparison of Commercially Available Automated Software and Custom MATLAB Analyses. **2022**, Publish Ahead of Print,
- 124 Scaling of indirect defences in Central American swollen-thorn acacias. 1-7
- 123 Neuroanatomical shifts mirror patterns of ecological divergence in three diverse clades of mimetic butterflies. 1
- 122 The relationship between hard and soft tissue structures of the eye in extant lizards. 0
- 121 New and legacy persistent organic pollutants (POPs) in breeding seabirds from the East Antarctic. **2022**, 309, 119734 0
- 120 Does anthropization affect physiology, behaviour and life-history traits of Montagu's harrier chicks?. 1
- 119 Sources and consequences of mismatch between leaf disc and whole-leaf leaf mass per area (LMA). 0
- 118 In-situ Temperature Stations Elucidate Species Phenological Responses to Climate in the Alps, but Meteorological and Snow Reanalysis Facilitates Broad Scale and Long-Term Studies. 10, 0
- 117 The scaling of leaf nitrogen and phosphorus along a phosphorus availability gradient in a subtropical forest. 0

- 116 Leaf trait covariation and controls on leaf mass per area (LMA) following cotton domestication. 1
- 115 Allometric Line Fitting. **2022**, 317-328
- 114 Biogeographic Patterns of Leaf Element Stoichiometry of *Stellera chamaejasme* L. in Degraded Grasslands on Inner Mongolia Plateau and Qinghai-Tibetan Plateau. **2022**, 11, 1943 0
- 113 Evolutionary dynamics of genome size and content during the adaptive radiation of Heliconiini butterflies. 1
- 112 Xylem porosity, sapwood characteristics, and uncertainties in temperate and boreal forest water use. **2022**, 323, 109092 0
- 111 Climate change alters sexual signaling in a desert-adapted frog. 0
- 110 Predicted increased P relative to N growth limitation of dry grasslands under soil acidification and alkalization is ameliorated by increased precipitation. **2022**, 108812
- 109 Thermal vulnerability of the Levantine endemic and endangered habitat-forming macroalga, *Gongolaria rayssiae*: implications for reef carbon. 9,
- 108 Within-individual leaf allometry and the evolution of leaf morphology: A multilevel analysis of leaf allometry in temperate *Viburnum* (Adoxaceae) species.
- 107 Effects of the agricultural pollutant 17 β -Ethinbolone on morphology and behaviour of tadpoles (*Limnodynastes tasmaniensis*). **2022**, 251, 106289 0
- 106 Extracellular enzyme ratios reveal locality and horizon-specific carbon, nitrogen, and phosphorus limitations in Arctic permafrost soils. 0
- 105 Patterns of leaf trait variation underlie ecological differences among sympatric tree species of Damburneya in a tropical rainforest. **2022**, 109, 1394-1409 1
- 104 Allometric Characteristics of Rice Seedlings under Different Transplanted Hills and Row Spacing: Impacts on Nitrogen Use Efficiency and Yield. **2022**, 11, 2508 0
- 103 The impact of environmental factors on the evolution of brain size in carnivorans. **2022**, 5, 1
- 102 Mangroves deviate from other angiosperms in their genome size, leaf cell size, and cell packing density relationships. 0
- 101 Chestnut tannins in broiler diets: Affecting intestinal development in different feeding phases. 9, 0
- 100 The influence of biofertilizers on Leaf Economics Spectrum traits in an herbaceous crop. 0
- 99 Changes in capture availability due to infection can lead to correctable biases in population-level infectious disease parameters. 0

- 98 Rapid expansion and visual specialization of learning and memory centers in Heliconiini butterflies. ○
- 97 Excess radiation exacerbates drought stress impacts on canopy conductance along aridity gradients. **2022**, 19, 4197-4208 ○
- 96 The fern economics spectrum is unaffected by the environment. ○
- 95 Divergent leaf and fine root pressure-volume relationships across habitats with varying water availability. ○
- 94 Functional traits and its variation linked to species degree of isohydry in subtropical regions with high heterogeneity. ○
- 93 Evaluating the drivers and engines of morphological diversification in the invasive gecko *Hemidactylus mabouia* (Moreau de Jonn , 1818) (Squamata: Gekkonidae). ○
- 92 The leaf economics spectrum of triploid and tetraploid C4 grass *Miscanthus x giganteus* . ○
- 91 From permafrost soil to thermokarst lake sediment: A view from C:N:P stoichiometry. 10, ○
- 90 Molecular and developmental signatures of genital size macro-evolution in bugs. ○
- 89 Uniconazole and Adaptability of Transplantations by Enhancing the Competition Tolerance in a High Sowing Density of Rapeseed Blanket Seedlings. **2022**, 12, 2637 1
- 88 Soil Compaction Drives an Intra-Genotype Leaf Economics Spectrum in Wine Grapes. **2022**, 12, 1675 ○
- 87 Wings of fringed fruit-eating bats (*Artibeus fimbriatus*) are highly integrated biological aerofoils from perspectives of secondary sexual dimorphism, allometry and modularity. ○
- 86 Intraspecific Leaf Trait Variation across and within Five Common Wine Grape Varieties. **2022**, 11, 2792 ○
- 85 Interspecific and intraspecific variation of tree branch, leaf and stomatal traits in relation to topography in an aseasonal Amazon forest. ○
- 84 Same same but different! Exploring evolutionary and ecological causes of eye diversification in bumblebees. 1
- 83 Database of SARS-CoV-2 and coronaviruses kinetics relevant for assessing persistence in food processing plants. **2022**, 9, ○
- 82 Citizen science plant observations encode global trait patterns. 1
- 81 Strongly sexually dimorphic forelegs are not more condition-dependent than less dimorphic traits in *Drosophila prolongata*. ○

- 80 Allometric effect of body size and tegmen mirror area on sound generator characters in *Euconocephalus pallidus* (Orthoptera, Tettigoniidae, Copiphorini) from Singapore. **2022**, 31, 191-196 1
- 79 Beak morphology and limb proportions as adaptations of hadrosaurid foraging ecology. **2023**, 141, 105361 0
- 78 Reliability and Validity of Contemporary Bioelectrical Impedance Analysis Devices for Body Composition Assessment. **2022**, 5, 0
- 77 Different ways of evolving tool-using brains in teleosts and amniotes. 0
- 76 Hyperspectral reflectance for measuring canopy-level nutrients and photosynthesis in a salt marsh. 0
- 75 Sublethal effects of pesticide residues differ between strains of captive Grey partridge: Consequences in terms of rearing conditions. **2022**, 257, 105791 0
- 74 How will warming affect the growth and body size of the largest extant amphibian? More than the temperature-size rule. **2023**, 859, 160105 0
- 73 Notes on the fecundity of the caridean shrimp *Cuapetes americanus* (Kingsley, 1878) in two preserved areas in S̃o Paulo State: Laje de Santos and Vit̃ia Island. 30, 0
- 72 Nonlinear imprints of forest coverage on the relationships between gross primary production (GPP) and landscape patterns. **2023**, 146, 109783 0
- 71 Does nitrogen fertilization alter the scaling relationships of multinutrients in tree organs? Evidence from Chinese hickory (*Carya cathayensis*) saplings. 0
- 70 Allometry and sexual dimorphism in three giant whip spider species (*Amblypygi*, Phryniidae, *Heterophrynus*). 0
- 69 Linkages between stomatal density and minor leaf vein density across different altitudes and growth forms. 13, 0
- 68 The 3D ultrastructure of the chordotonal organs in the antenna of a microwasp remains complex although simplified. **2022**, 12, 0
- 67 Pronounced differences in heart rate and metabolism distinguish daily torpor and short-term hibernation in two bat species. **2022**, 12, 0
- 66 Leaf vein topology confers water transport efficiency. 0
- 65 Reconciling discrepancies in measurements of vulnerability to xylem embolism with the pneumatic method. **2023**, 237, 374-383 2
- 64 Spatial scale-dependent dilution effects of biodiversity on plant diseases in grasslands. 0
- 63 Dry-season irrigation further promotes the growth of *Eucalyptus urophylla* [E. grandis] plantations under the conventional fertilization. 0

- 62 The limiting effect of genome size on xylem vessel diameter is shifted by environmental pressures in seed plants. **2022**, 6, ○
- 61 Sapwood density underlies xylem hydraulics and stored carbohydrates across 13 deciduous tree species in a seasonally dry tropical forest in Thailand. ○
- 60 Ontogeny influences tree growth response to soil fertility and neighborhood crowding in an old-growth temperate forest. ○
- 59 Labile carbon input and temperature effects on soil organic matter turnover in subtropical forests. **2022**, 145, 109726 ○
- 58 Morphological relationships between vertebrate claw unguals and sheaths and the functional morphology of these structures. **2023**, 284, ○
- 57 Tricolored bats at a southern range edge exhibit partial migration northward in autumn. **2022**, 10, 1
- 56 Leaves as bottlenecks: The contribution of tree leaves to hydraulic resistance within the soil-plant-atmosphere continuum. ○
- 55 Stoichiometric Characteristics of Leaf, Litter and Soil during Vegetation Succession in Maolan National Nature Reserve, Guizhou, China. **2022**, 14, 16517 ○
- 54 Phytoplankton and seston fatty acid dynamics in the northern Bering-Chukchi Sea region. **2022**, 105247 ○
- 53 A critical thermal transition driving spring phenology of Northern Hemisphere conifers. 1
- 52 Photosynthetic and water transport strategies of plants along a tropical forest aridity gradient: a test of optimality theory. ○
- 51 Decoupling the skull and skeleton in a Cretaceous bird with unique appendicular morphologies. **2023**, 7, 20-31 1
- 50 Contrasting responses of plant herbivory and disease to local and landscape drivers. ○
- 49 Strongly sexually dimorphic forelegs are not more condition-dependent than less dimorphic traits in *Drosophila prolongata*. ○
- 48 Functional traits of young seedlings predict trade-offs in seedling performance in three neotropical forests.. ○
- 47 Intraspecific variation in growth response to drought stress across geographic locations and genetic groups in *Coffea canephora*. **2023**, 13, ○
- 46 From Fairies to Giants: untangling the effect of body size, phylogeny, and ecology on vertebral bone microstructure of Xenarthran mammals. ○
- 45 Elevated CO₂ counteracts effects of water stress on woody rangeland-encroaching species. ○

- 44 Contextualising the bizarre: The integrated functioning of rib puncture as an antipredator defence in the Iberian ribbed newt (*Pleurodeles waltl*). 1
- 43 Insulin Effectiveness, a Measure Consisting of Insulin Sensitivity, Secretion, and Clearance, Captures Differences Between Diabetic and Nondiabetic States. 0
- 42 Response of soil macrofauna to urban park reconstruction. **2023**, 5, 0
- 41 Effects of season and diel cycle on hydroacoustic estimates of density, Target Strength, and vertical distribution of fish in Yudong Reservoir, a plateau deep water reservoir in southwest China in a plateau deep. 9, 0
- 40 New insights into the cortex-to-stele ratio show it to effectively indicate inter- and intraspecific function in the absorptive roots of temperate trees. 14, 0
- 39 Convergent relationships between flower economics and hydraulic traits across aquatic and terrestrial herbaceous plants. **2023**, 0
- 38 Flowers are leakier than leaves but cheaper to build. 0
- 37 Ecosystems threatened by intensified drought with divergent vulnerability. **2023**, 289, 113512 0
- 36 Warming reduces both photosynthetic nutrient use efficiency and water use efficiency in Mediterranean shrubs Warming reduces nutrient use efficiency. **2023**, 210, 105331 0
- 35 Leaf phenotypic plasticity coupled with integration facilitates the adaptation of plants to enhanced N deposition. **2023**, 327, 121570 0
- 34 Effects of multispecies restoration on soil extracellular enzyme activity stoichiometry in *Pinus massoniana* plantations of subtropical China. **2023**, 178, 108967 0
- 33 Decoupling of tree height and root depth across the globe and the implications for tree mortality during drought events. **2023**, 147, 109944 0
- 32 Microbial nutrient limitations limit carbon sequestration but promote nitrogen and phosphorus cycling: A case study in an agroecosystem with long-term straw return. **2023**, 870, 161865 0
- 31 Genetic variability and plasticity of plant allometry. **2023**, 37, 1095-1105 0
- 30 Colony composition, phasic reproduction, caste dimorphism, and prey preferences of the oriental non-army doryline ant *Yunodorylus eguchii* (Borowiec, 2009) (Hymenoptera: Formicidae: Dorylinae). **2023**, 70, 105-117 0
- 29 Incorporating pressure-volume traits into the leaf economics spectrum. **2023**, 26, 549-562 0
- 28 Relative growth and sexual maturity of the spider crab *Libinia spinosa* Guérin, 1832 (Brachyura: Majoidea: Epialtidae), from the Southeast Brazilian coast. 1-10 0
- 27 Predicting riverine fish production using empirical models and the metabolic theory of ecology. 0

- 26 Exploring the recovery of a large wetland using black-necked swan blood parameters and body condition 16 years after a pollution-induced disturbance. ○
- 25 Bridging Scales: An Approach to Evaluate the Temporal Patterns of Global Transpiration Products Using Tree-Scale Sap Flow Data. **2023**, 128, ○
- 24 How to estimate body condition in large lizards? Argentine black and white tegu (*Salvator merianae*, Duméril and Bibron, 1839) as a case study. **2023**, 18, e0282093 ○
- 23 Climate Seasonality Mediates Global Patterns of Foliar Carbon and Nitrogen Isotopes. **2023**, 14, 461 ○
- 22 Growth-defence trade-off in rice: fast-growing and acquisitive genotypes have lower expression of genes involved in immunity. ○
- 21 A study on the bioacoustics of Oriental scaly crickets (Orthoptera: Mogoplistinae), with a focus on Singaporean species. 1-18 ○
- 20 Developing elastic mechanisms: ultrafast motion and cavitation emerge at the millimeter scale in juvenile snapping shrimp. **2023**, 226, 1
- 19 Survived the Glaciations, Will They Survive the Fish? Allochthonous Ichthyofauna and Alpine Endemic Newts: A Road Map for a Conservation Strategy. **2023**, 13, 871 ○
- 18 Divergent responses of plant functional traits and biomass allocation to slope aspects in four perennial herbs of the alpine meadow ecosystem. 14, ○
- 17 Improved Forage Quality in Alfalfa (*Medicago sativa* L.) via Selection for Increased Stem Fiber Digestibility. **2023**, 13, 770 ○
- 16 Functional traits and trait coordination change over the life of a leaf in a tropical fern species. ○
- 15 Growth allometry and dental topography in Upper Triassic conodonts support trophic differentiation and molar-like element function. 1-19 ○
- 14 Responses of soil phosphorus cycling and bioavailability to plant invasion in river-lake ecotones. ○
- 13 Within-generation and transgenerational social plasticity interact during rapid adaptive evolution. **2023**, 77, 409-421 ○
- 12 Spaceborne LiDAR for characterizing forest structure across scales in the European Alps. ○
- 11 Theropod dinosaur facial reconstruction and the importance of soft tissues in paleobiology. **2023**, 379, 1348-1352 ○
- 10 Seed removal, seed dispersers, and the allocation of tissues in Myrtaceae seeds. ○
- 9 The morphology and nutrient content drive the leaf carbon capture and economic trait variations in subtropical bamboo forest. 14, ○

- 8 Disentangling mechanical and sensory modules in the radiation of Noctilionoid bats.
- 7 Evolutionary process toward avian-like cephalic thermoregulation system in Theropoda elucidated based on nasal structures. **2023**, 10,
- 6 Leaf functional traits and pathogens: Linking coffee leaf rust with intraspecific trait variation in diversified agroecosystems. **2023**, 18, e0284203
- 5 Conservative changes in ecosystem C:N:P stoichiometry are mediated by plant diversity and tree size along a forest succession chronosequence.
- 4 Tree growth is correlated with hydraulic efficiency and safety across 22 tree species in a subtropical karst forest.
- 3 Tree age and root order affect the adaptation of fine roots to the surrounding environment: a case study of *Pinus koraiensis*.
- 2 Cooke's index: A simple, cost-effective method for multiple practitioners to estimate European rabbit abundance. **2023**, 150, 110255
- 1 Basin-wide variation in tree hydraulic safety margins predicts the carbon balance of Amazon forests. **2023**, 617, 111-117