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Phylogenetic signal and linear regression on species data

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659	Male incubation feeding in songbirds responds differently to nest predation risk across hemispheres. 2011 , 82, 1347-1356		19
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656	Interpreting the evolutionary regression: the interplay between observational and biological errors in phylogenetic comparative studies. 2012 , 61, 413-25		122
655	Ontogenetic modulation of branch size, shape, and biomechanics produces diversity across habitats in the <i>Bursera simaruba</i> clade of tropical trees. 2012 , 14, 437-49		17
654	Small body size increases the regional differentiation of populations of tropical mantellid frogs (<i>Anura</i> : Mantellidae). 2012 , 25, 2310-24		44
653	Independent contrasts and PGLS regression estimators are equivalent. 2012 , 61, 382-91		70
652	Environmental variability and acoustic signals: a multi-level approach in songbirds. 2012 , 8, 928-31		23
651	Evolutionary conservation of species' roles in food webs. 2012 , 335, 1489-92		138
650	Assessing the effects of spatial contingency and environmental filtering on metacommunity phylogenetics. <i>Ecology</i> , 2012 , 93, S14-S30	4.6	84
649	Relative embryo length as an adaptation to habitat and life cycle in Apiaceae. 2012 , 195, 479-487		35
648	Eye shape and the nocturnal bottleneck of mammals. 2012 , 279, 4962-8		80
647	Comparative energetics of mammalian locomotion: humans are not different. 2012 , 63, 718-22		15
646	Phylogenetic analyses: comparing species to infer adaptations and physiological mechanisms. 2012 , 2, 639-74		81

645	Infant parking and nesting, not allomaternal care, influence Malagasy primate life histories. 2012 , 66, 1375-1386		59
644	Evolution of body elongation in gymnophthalmid lizards: relationships with climate. 2012 , 7, e49772		19
643	The influence of maximum running speed on eye size: a test of Leuckart's Law in mammals. 2012 , 295, 1053-62		17
642	Community structure and the spread of infectious disease in primate social networks. 2012 , 26, 779-800		128
641	Trait evolution and the coexistence of a species swarm in the tropical forest understorey. 2012 , 100, 1183-1193		37
640	Body mass and foraging ecology predict evolutionary patterns of skeletal pneumaticity in the diverse "waterbird" clade. 2012 , 66, 1059-78		26
639	Is your phylogeny informative? Measuring the power of comparative methods. 2012 , 66, 2240-51		171
638	Increased energy promotes size-based niche availability in marine mollusks. 2012 , 66, 2204-15		21
637	Global patterns of leaf defenses in oak species. 2012 , 66, 2272-86		100
636	Chromosome number evolves independently of genome size in a clade with nonlocalized centromeres (Carex: Cyperaceae). 2012 , 66, 2708-22		32
635	On the selection of phylogenetic eigenvectors for ecological analyses. 2012 , 35, 239-249		87
634	Amphibians live longer at higher altitudes but not at higher latitudes. 2012 , 106, 623-632		31
633	Plant traits affecting herbivory on tree recruits in highly diverse subtropical forests. <i>Ecology Letters</i> , 2012 , 15, 732-9	10	66
632	phytools: an R package for phylogenetic comparative biology (and other things). <i>Methods in Ecology and Evolution</i> , 2012 , 3, 217-223	7-7	4535
631	Testing Bergmann's rule and the resource seasonality hypothesis in Malagasy primates using GIS-based climate data. 2012 , 147, 401-8		31
630	How does cognition evolve? Phylogenetic comparative psychology. 2012 , 15, 223-38		165
629	Sexual Size Dimorphism in Anurans: Ontogenetic Determination Revealed by an Across-Species Comparison. 2013 , 40, 84-91		23
628	Sexual size dimorphism in ground squirrels (Rodentia: Sciuridae: Marmotini) does not correlate with body size and sociality. 2013 , 10, 27		18

627	Brief communication: Hair density and body mass in mammals and the evolution of human hairlessness. 2013 , 152, 145-50	19
626	Of mice and mammoths: generality and antiquity of the island rule. 2013 , 40, 1427-1439	120
625	Evolutionary variation in the mechanics of fiddler crab claws. 2013 , 13, 137	18
624	Drivers of pollen limitation: macroecological interactions between breeding system, rarity, and diversity. 2013 , 6, 171-180	22
623	Fine-scale niche structure of Neotropical forests reflects a legacy of the Great American Biotic Interchange. 2013 , 4, 2317	20
622	Selection by climatic regime and neutral evolutionary processes in holocentric chromosomes (<i>Carex</i> gr. <i>laevigata</i> : Cyperaceae): A microevolutionary approach. 2013 , 15, 118-129	14
621	Temperature-dependent shifts in phenology contribute to the success of exotic species with climate change. 2013 , 100, 1407-21	104
620	Body size and extinction risk in terrestrial mammals above the species level. 2013 , 182, E196-214	38
619	Bite of the cats: relationships between functional integration and mechanical performance as revealed by mandible geometry. 2013 , 62, 878-900	53
618	Convergent Vessel Diameter/Item Diameter Scaling across Five Clades of New and Old World Eudicots from Desert to Rain Forest. 2013 , 174, 1062-1078	14
617	Unravelling the determinants of insular body size shifts. 2013 , 9, 20120989	23
616	Complex life cycles: why refrain from growth before reproduction in the adult niche?. 2013 , 181, 39-51	27
615	Towards a more mechanistic understanding of traits and range sizes. 2013 , 22, 233-241	48
614	Evolution of static allometries: adaptive change in allometric slopes of eye span in stalk-eyed flies. 2013 , 67, 453-67	45
613	Phylogenetic Patterns of Sexual Size Dimorphism in Turtles and Their Implications for Rensch's Rule. 2013 , 40, 194-208	48
612	Using phylogenetic information and the comparative method to evaluate hypotheses in macroecology. <i>Methods in Ecology and Evolution</i> , 2013 , 4, 401-415	7-7 46
611	Evolution of acoustic and visual signals in Asian barbets. 2013 , 26, 647-59	21
610	Correlation between <i>Anolis</i> lizard dewlap phenotype and environmental variation indicates adaptive divergence of a signal important to sexual selection and species recognition. 2013 , 67, 573-82	48

609	Effects of ornamentation and phylogeny on the evolution of wing shape in stalk-eyed flies (Diptera: Diopsidae). 2013 , 26, 1281-93	7
608	Testing for phylogenetic signal in biological traits: the ubiquity of cross-product statistics. 2013 , 67, 828-40	31
607	Bergmann's rule in mammals: a cross-species interspecific pattern. 2013 , 122, no-no	20
606	The human post-fertile lifespan in comparative evolutionary context. 2013 , 22, 66-79	50
605	Body size variation across climatic gradients and sexual size dimorphism in Tropicurinae lizards. 2013 , 290, 192-198	14
604	Evolutionary history of elongation and maximum body length in moray eels (Anguilliformes: Muraenidae). 2013 , 109, 861-875	17
603	Deconstructing heterostyly: the evolutionary role of incompatibility system, pollinators, and floral architecture. 2013 , 67, 2072-82	25
602	Vessel diameter-stem diameter scaling across woody angiosperms and the ecological causes of xylem vessel diameter variation. 2013 , 197, 1204-1213	101
601	An integrative view of phylogenetic comparative methods: connections to population genetics, community ecology, and paleobiology. 2013 , 1289, 90-105	154
600	A volumetric comparison of the insular cortex and its subregions in primates. 2013 , 64, 263-79	124
599	Analysis of phenotypic evolution in Dictyostelia highlights developmental plasticity as a likely consequence of colonial multicellularity. 2013 , 280, 20130976	42
598	Phylogenetic prediction of the maximum per capita rate of population growth. 2013 , 280, 20130523	13
597	Diversity, disparity, and evolutionary rate estimation for unresolved Yule trees. 2013 , 62, 439-55	13
596	Rates of agonism among female primates: a cross-taxon perspective. 2013 , 24, 1369-1380	33
595	Male survival patterns do not depend on male allocation to sexual competition in large herbivores. 2013 , 24, 421-428	35
594	Endocrine rhythms in the brown bear (<i>Ursus arctos</i>): Evidence supporting selection for decreased pineal gland size. 2013 , 1, e00048	10
593	Lake Malawi cichlid evolution along a benthic/limnetic axis. 2013 , 3, 2262-72	48
592	Which intrinsic traits predict vulnerability to extinction depends on the actual threatening processes. 2013 , 4, 1-16	60

591	Body fineness ratio as a predictor of maximum prolonged-swimming speed in coral reef fishes. 2013 , 8, e75422		30
590	Skeletal correlates for body mass estimation in modern and fossil flying birds. 2013 , 8, e82000		76
589	Comparative analysis of classic brain component sizes in relation to flightiness in birds. 2014 , 9, e91960		18
588	Scaling up the curvature of mammalian metabolism. 2014 , 2,		6
587	Geometric factors influencing the diet of vertebrate predators in marine and terrestrial environments. <i>Ecology Letters</i> , 2014 , 17, 1553-9	10	25
586	Colony size is linked to paternity frequency and paternity skew in yellowjacket wasps and hornets. 2014 , 14, 277		17
585	Phylogenetic conservatism in plant-soil feedback and its implications for plant abundance. <i>Ecology Letters</i> , 2014 , 17, 1613-21	10	90
584	The establishment of Central American migratory corridors and the biogeographic origins of seasonally dry tropical forests in Mexico. 2014 , 5, 433		24
583	Interactions between micro- and macroparasites predict microparasite species richness across primates. 2014 , 183, 494-505		11
582	Predicting the sensitivity of butterfly phenology to temperature over the past century. 2014 , 20, 504-14		36
581	Geometric and metabolic constraints on bone vascular supply in diapsids. 2014 , 112, 668-677		13
580	Species' traits explain differences in Red list status and long-term population trends in longhorn beetles. 2014 , 17, 332-341		15
579	On the historical biogeography of global Galliformes: ancestral range and diversification patterns. 2014 , 5,		2
578	Is cold hardiness size-constrained? A comparative approach in land snails. 2014 , 28, 471-493		16
577	The contrasting effects of genome size, chromosome number and ploidy level on plant invasiveness: a global analysis. 2014 , 203, 697-703		89
576	Ambush or active life: foraging mode influences haematocrit levels in snakes. 2014 , 111, 636-645		13
575	Phylogenetic, ecological, and allometric correlates of cranial shape in Malagasy lemuriforms. 2014 , 68, 1450-68		22
574	Rensch's rule and sexual dimorphism in salamanders: patterns and potential processes. 2014 , 293, 143-151		19

573	Variation in steroid hormone levels among Caribbean Anolis lizards: endocrine system convergence?. 2014 , 65, 408-15	14
572	A test of the metabolic theory of ecology with two longevity data sets reveals no common cause of scaling in biological times. 2014 , 44, 204-214	17
571	Adaptive and nonadaptive genome size evolution in Karst endemic flora of China. 2014 , 202, 1371-1381	64
570	Disentangling the contribution of sexual selection and ecology to the evolution of size dimorphism in pinnipeds. 2014 , 68, 1485-96	34
569	Global warming favours light-coloured insects in Europe. 2014 , 5, 3874	91
568	Mating Competition, Promiscuity, and Life History Traits as Predictors of Sexually Transmitted Disease Risk in Primates. 2014 , 35, 764-786	13
567	Importance of accounting for phylogenetic dependence in multi-species mark-recapture studies. 2014 , 273, 236-241	9
566	The role of gravity in the evolution of mammalian blood pressure. 2014 , 68, 901-8	38
565	Males do not senesce faster in large herbivores with highly seasonal rut. 2014 , 60, 167-72	7
564	Reproductive mode evolution in lizards revisited: updated analyses examining geographic, climatic and phylogenetic effects support the cold-climate hypothesis. 2014 , 27, 2767-80	17
563	Phylogenetic signal in extinction selectivity in Devonian terebratulide brachiopods. 2014 , 40, 675-692	18
562	Olfactory epithelium in the olfactory recess: a case study in new world leaf-nosed bats. 2014 , 297, 2105-12	9
561	Asynchrony of seasons: genetic differentiation associated with geographic variation in climatic seasonality and reproductive phenology. 2014 , 184, 352-63	22
560	Does gliding while gravid explain Rensch's rule in flying lizards?. 2014 , 113, 270-282	5
559	The trophic vacuum and the evolution of complex life cycles in trophically transmitted helminths. 2014 , 281,	21
558	Bioclimatic evaluation of geographical range in <i>Fragaria</i> (Rosaceae): consequences of variation in breeding system, ploidy and species age. 2014 , 176, 99-114	23
557	Sexual selection and diversification: reexamining the correlation between dichromatism and speciation rate in birds. 2014 , 184, E101-14	46
556	Ecomorphology and phylogenetic risk: Implications for habitat reconstruction using fossil bovids. 2014 , 73, 47-57	28

555	A Primer on Phylogenetic Generalised Least Squares. 2014 , 105-130	179
554	Statistical Issues and Assumptions of Phylogenetic Generalized Least Squares. 2014 , 131-153	98
553	Uncertainties Due to Within-Species Variation in Comparative Studies: Measurement Errors and Statistical Weights. 2014 , 157-199	44
552	An Introduction to Phylogenetic Path Analysis. 2014 , 201-229	49
551	Phylogenetic Regression for Binary Dependent Variables. 2014 , 231-261	55
550	Use and Misuse of Comparative Methods in the Study of Adaptation. 2014 , 351-379	23
549	Phylogenetic Prediction to Identify Evolutionary Singularities. 2014 , 481-514	18
548	A method for assessing phylogenetic least squares models for shape and other high-dimensional multivariate data. 2014 , 68, 2675-88	149
547	A generalized K statistic for estimating phylogenetic signal from shape and other high-dimensional multivariate data. 2014 , 63, 685-97	338
546	Phenotypic integration of brain size and head morphology in Lake Tanganyika Cichlids. 2014 , 14, 39	19
545	Do age-specific survival patterns of wild boar fit current evolutionary theories of senescence?. 2014 , 68, 3636-43	25
544	Bone histology, phylogeny, and palaeognathous birds (Aves: Palaeognathae). 2014 , 112, 688-700	18
543	Signatures of natural selection in the mitochondrial genomes of Tachycineta swallows and their implications for latitudinal patterns of the 'pace of life'. 2014 , 546, 104-11	21
542	Dispersal capacity predicts both population genetic structure and species richness in reef fishes. 2014 , 184, 52-64	52
541	Sexual dimorphism in the cephalothorax of freshwater crabs of genus Aegla Leach from Chile (Decapoda, Anomura, Aeglididae): an interspecific approach based on distance variables. 2014 , 133, 379-389	7
540	Low scaling of a life history variable: Analysing eutherian gestation periods with and without phylogeny-informed statistics. 2014 , 79, 9-16	34
539	Metabolic Scaling in Complex Living Systems. 2014 , 2, 451-540	89
538	Exceptional avian herbivores: multiple transitions toward herbivory in the bird order Anseriformes and its correlation with body mass. 2015 , 5, 5016-32	26

537	Species mtDNA genetic diversity explained by infrapopulation size in a host-symbiont system. 2015 , 5, 5801-9		10
536	Thermal tolerance and climate warming sensitivity in tropical snails. 2015 , 5, 5905-19		37
535	mvmorph: an r package for fitting multivariate evolutionary models to morphometric data. <i>Methods in Ecology and Evolution</i> , 2015 , 6, 1311-1319	7.7	198
534	Nitrogen limitation as a driver of genome size evolution in a group of karst plants. 2015 , 5, 11636		28
533	Trait-related responses to habitat fragmentation in Amazonian bats. 2015 , 52, 1381-1391		91
532	Trubs, but no trianas: filled and empty regions of angiosperm stem length-diameter-mechanics space. 2015 , 179, 361-373		4
531	Energetic benefits and adaptations in mammalian limbs: Scale effects and selective pressures. 2015 , 69, 1546-1559		7
530	Does sexual selection shape sex differences in longevity and senescence patterns across vertebrates? A review and new insights from captive ruminants. 2015 , 69, 3123-40		48
529	Femoral condyle curvature is correlated with knee walking kinematics in ungulates. 2015 , 298, 2039-50		4
528	Best practice for the study of escape behavior. 407-419		11
527	Integrating brain, behavior, and phylogeny to understand the evolution of sensory systems in birds. 2015 , 9, 281		31
526	Going cheap: determinants of bird price in the Taiwanese pet market. 2015 , 10, e0127482		26
525	Microparasites and Placental Invasiveness in Eutherian Mammals. 2015 , 10, e0132563		11
524	Convergent Evolution towards High Net Carbon Gain Efficiency Contributes to the Shade Tolerance of Palms (Arecaceae). 2015 , 10, e0140384		7
523	Vocal traits and diet explain avian sensitivities to anthropogenic noise. 2015 , 21, 1809-20		64
522	Migration and the evolution of sexual dichromatism: evolutionary loss of female coloration with migration among wood-warblers. 2015 , 282, 20150375		28
521	Size is not everything: rates of genome size evolution, not C-value, correlate with speciation in angiosperms. 2015 , 282, 20152289		49
520	Constraint around Quarter-Power Allometric Scaling in Wild Tomatoes (<i>Solanum</i> sect. <i>Lycopersicon</i> ; Solanaceae). 2015 , 186, 421-33		12

519	Movement propensity and ability correlate with ecological specialization in European land snails: comparative analysis of a dispersal syndrome. 2015 , 84, 228-38		25
518	Locomotor Mode and the Evolution of the Hindlimb in Western Mediterranean Anurans. 2015 , 42, 199-209		25
517	Phylogenetic Comparative Methods for Evaluating the Evolutionary History of Function-Valued Traits. 2015 , 64, 568-78		25
516	Multivariate analysis of neognath skeletal measurements: implications for body mass estimation in Mesozoic birds. 2015 , 173, 929-955		22
515	Gene expression defines natural changes in mammalian lifespan. 2015 , 14, 352-65		92
514	Pollen limitation, species floral traits and pollinator visitation: different relationships in contrasting communities. 2015 , 124, 174-186		40
513	Measurement errors should always be incorporated in phylogenetic comparative analysis. <i>Methods in Ecology and Evolution</i> , 2015 , 6, 340-346	7.7	54
512	The path to host extinction can lead to loss of generalist parasites. 2015 , 84, 978-84		26
511	Do turtles follow the rules? Latitudinal gradients in species richness, body size, and geographic range area of the world's turtles. 2015 , 324, 270-94		36
510	Food intake rates of herbivorous mammals and birds and the influence of body mass. 2015 , 61, 91-102		4
509	The role of pollinators in floral diversification in a clade of generalist flowers. 2015 , 69, 863-78		38
508	Life history lability underlies rapid climate niche evolution in the angiosperm clade Montiaceae. 2015 , 92, 181-92		33
507	Hawk models, hawk mimics, and antipredator behavior of prey. 2015 , 26, 1039-1044		10
506	Digesta kinetics in gazelles in comparison to other ruminants: Evidence for taxon-specific rumen fluid throughput to adjust digesta washing to the natural diet. 2015 , 185, 58-68		26
505	Intraspecific trait variation is correlated with establishment success of alien mammals. 2015 , 185, 737-46		41
504	Strong support for Rensch's rule in an American clade of lizards (Teiidae and Gymnophthalmidae) and a paradox of the largest tejus. 2015 , 102, 23		2
503	Environmental proxies of antigen exposure explain variation in immune investment better than indices of pace of life. <i>Oecologia</i> , 2015 , 177, 281-90	2.9	33
502	Body size affects the evolution of eyespots in caterpillars. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 6664-9	11.5	28

501	Thermal sensitivity of cold climate lizards and the importance of distributional ranges. 2015 , 118, 281-90	22
500	A test of the integrated evolutionary speed hypothesis in a Neotropical amphibian radiation. 2015 , 24, 804-813	9
499	Flowering time of butterfly nectar food plants is more sensitive to temperature than the timing of butterfly adult flight. 2015 , 84, 1311-21	32
498	The effects of life history and sexual selection on male and female plumage colouration. 2015 , 527, 367-70	192
497	Evolution of anthozoan polyp retraction mechanisms: convergent functional morphology and evolutionary allometry of the marginal musculature in order Zoanthidea (Cnidaria: Anthozoa: Hexacorallia). 2015 , 15, 123	27
496	Is genome downsizing associated with diversification in polyploid lineages of Veronica?. 2015 , 178, 243-266	37
495	Historical Biogeography Using Species Geographical Ranges. 2015 , 64, 1059-73	33
494	Using habitat-specific population trends to evaluate the consistency of the effect of species traits on bird population change. 2015 , 192, 343-352	17
493	Ecological Divergence, Adaptive Diversification, and the Evolution of Social Signaling Traits: An Empirical Study in Arid Australian Lizards. 2015 , 186, E144-61	14
492	A comparison of floral integration between selfing and outcrossing species: a meta-analysis. 2016 , 117, 299-306	14
491	Phylogenetic signal in amphibian sensitivity to copper sulfate relative to experimental temperature. 2015 , 25, 596-602	15
490	Interaction of morphology, thermal physiology and burrowing performance during the evolution of fossoriality in Gymnophthalmi lizards. 2015 , 29, 515-521	13
489	Basal metabolism in tropical birds: latitude, altitude, and the pace of life 2015 , 29, 338-346	77
488	Faecal particle size: digestive physiology meets herbivore diversity. 2015 , 179, 182-91	38
487	Variation in body size and degree of melanism within a lizards clade: is it driven by latitudinal and climatic gradients?. 2015 , 295, 243-253	21
486	Song structure, not high-frequency song content, determines high-frequency auditory sensitivity in nine species of New World sparrows (Passeriformes: Emberizidae). 2015 , 29, 487-497	13
485	Untangling the influence of phylogeny, soil and climate on leaf element concentrations in a biodiversity hotspot. 2015 , 29, 165-176	57
484	Surface Properties Differ between Stream Water and Sediment Environments. 2016 , 7, 1732	14

483	The Evolutionary Basis of Naturally Diverse Rice Leaves Anatomy. 2016 , 11, e0164532	16
482	Evolution of dentition in salamanders: relative roles of phylogeny and diet. 2016 , 119, 960-973	5
481	Abrupt shortening of bird W chromosomes in ancestral Neognathae. 2016 , 119, 488-496	5
480	Disentangling environmental drivers of metabolic flexibility in birds: the importance of temperature extremes versus temperature variability. 2016 , 39, 787-795	35
479	Beyond the wing planform: morphological differentiation between migratory and nonmigratory dragonfly species. 2016 , 29, 690-703	16
478	Ecomorphological convergence in planktivorous surgeonfishes. 2016 , 29, 965-78	40
477	Sexual dichromatism in wing pigmentation of New World dragonflies follows Rensch's rule. 2016 , 29, 1447-54	5
476	Selection, constraint, and the evolution of coloration in African starlings. 2016 , 70, 1064-79	29
475	Convergence of macroscopic tongue anatomy in ruminants and scaling relationships with body mass or tongue length. 2016 , 277, 351-62	9
474	The effect of body size and habitat on the evolution of alarm vocalizations in rodents. 2016 , 118, 745-751	15
473	Morphological basis of glossy red plumage colours. 2016 , 119, 477-487	10
472	Associations between Manakin Display Complexity and Both Body and Brain Size Challenge Assumptions of Allometric Correction: A Response to Gutierrez-Ibanez et al. (2016). 2016 , 87, 227-31	1
471	Testing the island effect on phenotypic diversification: insights from the Hemidactylus geckos of the Socotra Archipelago. 2016 , 6, 23729	19
470	Micropyle number is associated with elevated female promiscuity in Lepidoptera. 2016 , 12,	4
469	The evolution of jaw protrusion mechanics is tightly coupled to benthic-pelagic divergence in damselfishes (Pomacentridae). 2017 , 220, 652-666	24
468	PATTERNS AND PROCESSES IN MORPHOSPACE: GEOMETRIC MORPHOMETRICS OF THREE-DIMENSIONAL OBJECTS. 2016 , 22, 71-99	12
467	Male care and life history traits in mammals. 2016 , 7, 11854	48
466	Allometric relationships between cutaneous surface area and body mass in anuran amphibians. 2016 , 263, 45-54	7

465	Phylogenetic structural equation modelling reveals no need for an 'origin' of the leaf economics spectrum. <i>Ecology Letters</i> , 2016 , 19, 54-61	10	15
464	Implications of lemuriform extinctions for the Malagasy flora. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 5041-6	11.5	37
463	Evolutionary modeling and correcting for observation error support a 3/5 brain-body allometry for primates. 2016 , 94, 106-16		31
462	Gross intestinal morphometry and allometry in Carnivora. 2016 , 62, 395-405		15
461	Szidat's rule re-tested: relationships between flea and host phylogenetic clade ranks in four biogeographic realms. 2016 , 143, 723-31		3
460	Host range expansion is density dependent. <i>Oecologia</i> , 2016 , 182, 779-88	2.9	10
459	Basking behavior predicts the evolution of heat tolerance in Australian rainforest lizards. 2016 , 70, 2537-2549		32
458	How genome size variation is linked with evolution within <i>Chenopodium sensu lato</i> . 2016 , 23, 18-32		21
457	A cautionary note on the use of Ornstein Uhlenbeck models in macroevolutionary studies. 2016 , 118, 64-77		157
456	A role for ecology in the evolution of colour variation and sexual dimorphism in Hawaiian damselflies. 2016 , 29, 418-27		18
455	The impact of digging on craniodental morphology and integration. 2016 , 29, 2383-2394		21
454	Allometric Relationships Better Explain Seed Coat Microsculpture Traits in <i>Mentzelia</i> Section <i>Bartonia</i> (Loasaceae) than Ecology or Dispersal. 2016 , 177, 263-276		2
453	Ecological specialization and morphological diversification in Greater Antillean boas. 2016 , 70, 1882-95		18
452	Basal Metabolic Rate of the Black-Faced Sheathbill (<i>Chionis minor</i>): Intraspecific Variation in a Phylogenetically Distinct Island Endemic. 2016 , 89, 141-50		3
451	Species with greater seed mass are more tolerant of conspecific neighbours: a key driver of early survival and future abundances in a tropical forest. <i>Ecology Letters</i> , 2016 , 19, 1071-80	10	75
450	Life Histories, Axes of Variation in. 2016 , 312-323		35
449	Translating niche features: Modelling differential exposure of Argentine reptiles to global climate change. 2016 , 41, 367-375		8
448	Larger brain size indirectly increases vulnerability to extinction in mammals. 2016 , 70, 1364-75		27

447	Correlates of extinction risk in squamate reptiles: the relative importance of biology, geography, threat and range size. 2016 , 25, 391-405		78
446	The role of fecundity and sexual selection in the evolution of size and sexual size dimorphism in New World and Old World voles (Rodentia: Arvicolinae). 2016 , 125, 1250-1260		11
445	Relative Brain Size Is Not Correlated with Display Complexity in Manakins: A Reanalysis of Lindsay et al. (2015). 2016 , 87, 223-6		4
444	Likelihood-Based Parameter Estimation for High-Dimensional Phylogenetic Comparative Models: Overcoming the Limitations of "Distance-Based" Methods. 2016 , 65, 852-70		30
443	Distinct effects of pollinator dependence and self-incompatibility on pollen limitation in South African biodiversity hotspots. 2016 , 12,		19
442	Morphological and niche divergence of pinyon pines. 2016 , 6, 2886-96		7
441	Macroevolutionary patterns of ultraviolet floral pigmentation explained by geography and associated bioclimatic factors. 2016 , 211, 708-18		30
440	Plasticity in plant functional traits is shaped by variability in neighbourhood species composition. 2016 , 211, 455-63		46
439	Extreme positive allometry of animal adhesive pads and the size limits of adhesion-based climbing. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 1297-302	11.5	66
438	Rarity and Incomplete Sampling in DNA-Based Species Delimitation. 2016 , 65, 478-94		86
437	Scale dependency of lizards' home range in response to different environmental variables. 2016 , 62, 521-530		6
436	Absolute, not relative brain size correlates with sociality in ground squirrels. 2016 , 283, 20152725		11
435	From pots to plots: hierarchical trait-based prediction of plant performance in a mesic grassland. 2016 , 104, 206-218		40
434	Fine root tradeoffs between nitrogen concentration and xylem vessel traits preclude unified whole-plant resource strategies in <i>Helianthus</i> . 2016 , 6, 1016-31		21
433	A 'slow pace of life' in Australian old-endemic passerine birds is not accompanied by low basal metabolic rates. 2016 , 186, 503-12		14
432	The role of pollinators in the evolution of corolla shape variation, disparity and integration in a highly diversified plant family with a conserved floral bauplan. 2016 , 117, 889-904		34
431	Evolution of body mass in the Pan-Alcidae (Aves, Charadriiformes): the effects of combining neontological and paleontological data. 2016 , 42, 8-26		7
430	A comparative perspective on the ecology of morphological diversification in complex societies: nesting ecology and soldier evolution in the turtle ants. 2016 , 70, 1075-1085		24

429	Effect of body mass and melanism on heat balance in <i>Liolaemus</i> lizards of the goetschi clade. 2016 , 219, 1162-71		11
428	Improving phylogenetic regression under complex evolutionary models. <i>Ecology</i> , 2016 , 97, 286-93	4.6	11
427	Are Hypsodonty and Occlusal Enamel Complexity Evolutionarily Correlated in Ungulates?. 2016 , 23, 43-47		18
426	Overcoming phylogenetic and geographic uncertainties to test for correlates of range size evolution in gymnophthalmid lizards. 2017 , 40, 764-773		4
425	Comparative seed germination traits in alpine and subalpine grasslands: higher elevations are associated with warmer germination temperatures. 2017 , 19, 32-40		14
424	Mechanical sensitivity and the dynamics of evolutionary rate shifts in biomechanical systems. 2017 , 284,		27
423	Ecological associations of autopodial osteology in Neotropical geckos. 2017 , 278, 290-299		8
422	Niche evolution and diversification in a Neotropical radiation of birds (Aves: Furnariidae). 2017 , 71, 702-715		29
421	The interplay between natural and sexual selection in the evolution of sexual size dimorphism in lizards (Squamata: Phrynosomatidae). 2017 , 7, 905-917		20
420	The statistical need to include phylogeny in trait-based analyses of community composition. <i>Methods in Ecology and Evolution</i> , 2017 , 8, 1192-1199	7.7	28
419	Patterns of parental care in Neotropical glassfrogs: fieldwork alters hypotheses of sex-role evolution. 2017 , 30, 898-914		35
418	Testing the niche variation hypothesis in a community of passerine birds. <i>Ecology</i> , 2017 , 98, 903-908	4.6	27
417	Temperature but not moisture response of germination shows phylogenetic constraints while both interact with seed mass and lifespan. 2017 , 27, 110-120		21
416	Little differences in digestive efficiency for protein and fat in mammals of different trophic guilds and digestive strategies: data constraints or fundamental functional similarity?. 2017 , 101 Suppl 1, 127-141		6
415	Growth sites of polypores from quantitative expert evaluation: Late-stage decayers and saprotrophs fruit closer to ground. 2017 , 28, 53-65		2
414	Complex trait relationships between leaves and absorptive roots: Coordination in tissue N concentration but divergence in morphology. 2017 , 7, 2697-2705		24
413	Feeding ecology is the primary driver of beak shape diversification in waterfowl. 2017 , 31, 1985-1995		55
412	Environmental filtering drives the shape and breadth of the seed germination niche in coastal plant communities. 2017 , 119, 1169-1177		25

411	Ecological drivers of body size evolution and sexual size dimorphism in short-horned grasshoppers (Orthoptera: Acrididae). 2017 , 30, 1592-1608	14
410	Macroevolution of thermal tolerance in intertidal crabs from Neotropical provinces: A phylogenetic comparative evaluation of critical limits. 2017 , 7, 3167-3176	17
409	Divergence of thermal physiological traits in terrestrial breeding frogs along a tropical elevational gradient. 2017 , 7, 3257-3267	37
408	Differences in meristems between monocots and dicots and susceptibility to attack by gall-inducing insects. 2017 , 11, 485-494	5
407	Differential scaling patterns of vertebrae and the evolution of neck length in mammals. 2017 , 71, 1587-1599	21
406	Species traits explaining sensitivity of snakes to human land use estimated from citizen science data. 2017 , 206, 31-36	20
405	Relationships Among Powered Flight, Metabolic Rate, Body Mass, Genome Size, and the Retrotransposon Complement of Volant Birds. 2017 , 44, 261-272	6
404	Cross-validation strategies for data with temporal, spatial, hierarchical, or phylogenetic structure. 2017 , 40, 913-929	566
403	Inferring flight parameters of Mesozoic avians through multivariate analyses of forelimb elements in their living relatives. 2017 , 43, 144-169	13
402	Upper limits to body size imposed by respiratory-structural trade-offs in Antarctic pycnogonids. 2017 , 284,	19
401	Trait correlations equalize spread velocity across plant life histories. 2017 , 26, 1398-1407	11
400	Body size affects the evolution of hidden colour signals in moths. 2017 , 284,	18
399	Rapoport's rule and determinants of species range size in snakes. 2017 , 23, 1472-1481	18
398	The skull roof tracks the brain during the evolution and development of reptiles including birds. 2017 , 1, 1543-1550	47
397	Morphological determinants of signal carrier frequency in katydids (Orthoptera): a comparative analysis using biophysical evidence of wing vibration. 2017 , 30, 2068-2078	14
396	Climate-related environmental variation in a visual signalling device: the male and female dewlap in <i>Anolis sagrei</i> lizards. 2017 , 30, 1846-1861	14
395	No support for Heincke's law in hagfish (Myxinidae): lack of an association between body size and the depth of species occurrence. 2017 , 91, 545-557	
394	How Do We Measure the Cost of Whole-Organism Performance Traits?. <i>Integrative and Comparative Biology</i> , 2017 , 57, 333-343	2.8 19

393	Morphology captures diet and locomotor types in rodents. 2017 , 4, 160957		42
392	Convergent body shapes have evolved via deterministic and historically contingent pathways in <i>Lerista</i> lizards. 2017 , 121, 858-875		13
391	Body length of bony fishes was not a selective factor during the biggest mass extinction of all time. 2017 , 60, 727-741		11
390	Phylogenetic occupancy models integrate imperfect detection and phylogenetic signal to analyze community structure. <i>Ecology</i> , 2017 , 98, 198-210	4.6	15
389	Reconstruction of body cavity volume in terrestrial tetrapods. 2017 , 230, 325-336		8
388	Establishment limitation may be more important than species dispersal: insights from dry grasslands and old-fields. 2017 , 28, 34-42		10
387	Lack of Evolution of Sexual Size Dimorphism in Heteromyidae (Rodentia): The Influence of Resource Defense and the Trade-Off between Pre- and Post-Copulatory Trait Investment. 2017 , 44, 56-68		0
386	Towards integrative systematics of Anthozoa (Cnidaria): evolution of form in the order Zoanthidea. 2017 , 46, 227-244		10
385	Seasonal mortality in zoo ruminants. 2017 , 36, 74-86		5
384	Residence time, native range size, and genome size predict naturalization among angiosperms introduced to Australia. 2017 , 7, 10289-10300		10
383	Linking Ecology and Epidemiology to Understand Predictors of Multi-Host Responses to an Emerging Pathogen, the Amphibian Chytrid Fungus. 2017 , 12, e0167882		33
382	Phylogenetic patterns and the adaptive evolution of osmoregulation in fiddler crabs (<i>Brachyura</i> , <i>Uca</i>). 2017 , 12, e0171870		16
381	Trabecular architecture in the forelimb epiphyses of extant xenarthrans (Mammalia). 2017 , 14, 52		29
380	Historical and ecological influence in the evolutionary diversification of external morphology of neotropical spiny rats (<i>Echimyidae</i> , Rodentia). 2018 , 56, 453-465		5
379	Phylogenetic ANOVA: Group-clade aggregation, biological challenges, and a refined permutation procedure. 2018 , 72, 1204-1215		44
378	Rethinking phylogenetic comparative methods. 2018 , 67, 1091-1109		112
377	Ecological niche and phylogeny explain distribution of seed mass in the central European flora. 2018 , 127, 1410-1421		10
376	Uterine and eggshell modifications associated with the evolution of viviparity in South American water snakes (<i>Helicops</i> spp.). 2018 , 330, 165-180		9

375	The Grass was Greener: Repeated Evolution of Specialized Morphologies and Habitat Shifts in Ghost Spiders Following Grassland Expansion in South America. 2019 , 68, 63-77	6
374	A new research paradigm for bivariate allometry: combining ANOVA and non-linear regression. 2018 , 221,	4
373	Interspecific geographic range size-body size relationship and the diversification dynamics of Neotropical furnariid birds. 2018 , 72, 1124-1133	3
372	Canadian butterfly climate debt is significant and correlated with range size. 2018 , 41, 2005-2015	11
371	Dissecting the roles of body size and beak morphology in song evolution in the Blue Cardinalids (Passeriformes: Cardinalidae) Separando los roles del tamaño corporal y la morfología del pico en la evolución del canto en los cardinalinos Azules (Passeriformes: Cardinalidae) Body size, beak morphology, and song evolution. 2018 , 135, 262-275	17
370	Diversity of Translation Initiation Mechanisms across Bacterial Species Is Driven by Environmental Conditions and Growth Demands. 2018 , 35, 582-592	10
369	Mass-independent maximal metabolic rate predicts geographic range size of placental mammals. 2018 , 32, 1194-1202	3
368	Basal metabolic rate in free-living tropical birds: the influence of phylogenetic, behavioral, and ecological factors. 2018 , 64, 33-43	18
367	Fifty shades of white: how white feather brightness differs among species. 2018 , 105, 18	11
366	Phylogeny and species traits predict bird detectability. 2018 , 41, 1595-1603	17
365	Light and growth form interact to shape stomatal ratio among British angiosperms. 2018 , 218, 242-252	17
364	Ecological drivers of song evolution in birds: Disentangling the effects of habitat and morphology. 2018 , 8, 1890-1905	42
363	Ancient environmental DNA reveals shifts in dominant mutualisms during the late Quaternary. 2018 , 9, 139	14
362	Thermal biology mediates responses of amphibians and reptiles to habitat modification. <i>Ecology Letters</i> , 2018 , 21, 345-355	10 71
361	High Levels of Copy Number Variation of Ampliconic Genes across Major Human Y Haplogroups. 2018 , 10, 1333-1350	10
360	Climate, but not trait, effects on plant-soil feedback depend on mycorrhizal type in temperate forests. 2018 , 9, e02132	15
359	Intraspecific Variation in the Information Content of an Ornament: Why Relative Dewlap Size Signals Bite Force in Some, But Not All Island Populations of <i>Anolis sagrei</i> . <i>Integrative and Comparative Biology</i> , 2018 , 58, 25-37	2.8 5
358	Migratory behaviour predicts greater parasite diversity in ungulates. 2018 , 285,	28

357	Filter-dispersal assembly of lowland Neotropical rainforests across the Andes. 2018 , 41, 1763-1775	15
356	Drivers and interrelationships among multiple dimensions of rarity for freshwater fishes. 2018 , 41, 331-344	8
355	Estimating body size in early primates: The case of Archicebus and Teilhardina. 2018 , 115, 8-19	8
354	Different sets of belowground traits predict the ability of plant species to suppress and tolerate their competitors. 2018 , 424, 157-169	31
353	Millions of Years Behind: Slow Adaptation of Ruminants to Grasslands. 2018 , 67, 145-157	15
352	Niche differentiation and expansion of plant species are associated with mycorrhizal symbiosis. 2018 , 106, 254-264	56
351	Habitat-related seed germination traits in alpine habitats. 2018 , 8, 150-161	21
350	Continuous traits and speciation rates: Alternatives to state-dependent diversification models. <i>Methods in Ecology and Evolution</i> , 2018 , 9, 984-993	7-7 39
349	Ovipositor morphology correlates with life history evolution in agaonid fig wasps. 2018 , 90, 109-116	6
348	Relating Coral Skeletal Structures at Different Length Scales to Growth, Light Availability to Symbiodinium, and Thermal Bleaching. 2018 , 5,	12
347	Palaeohistology and life history evolution in cave bears, <i>Ursus spelaeus sensu lato</i> . 2018 , 13, e0206791	6
346	Genetic diversity in fishes is influenced by habitat type and life-history variation. 2018 , 8, 12022-12031	30
345	A melanin-based trait is more strongly related to body size in the tropics than in temperate regions in the globally distributed barn owl family. 2018 , 31, 1932-1944	3
344	Testing hypotheses for the function of the carnivoran baculum using finite-element analysis. 2018 , 285,	7
343	Multiple factors behind early diversification of skull morphology in the continental radiation of New World monkeys. 2018 , 72, 2697-2711	5
342	Predicting nutrient content of ray-finned fishes using phylogenetic information. 2018 , 9, 3742	13
341	Effects of diet on cranial morphology and biting ability in musteloid mammals. 2018 , 31, 1918-1931	23
340	Phylogenetic signal in tooth wear dietary niche proxies: What it means for those in the field. 2018 , 8, 11363-11367	3

339	The phylogenetic signal in tooth wear: What does it mean?. 2018 , 8, 11359-11362	8
338	Evolutionary allometry of horn length in the mammalian family Bovidae reconciled by non-linear regression. 2018 ,	2
337	Avian thermoregulation in the heat: is evaporative cooling more economical in nocturnal birds?. 2018 , 221,	1
336	Metabolic Scaling of Stress Hormones in Vertebrates. <i>Integrative and Comparative Biology</i> , 2018 , 58, 729-738	2.8 15
335	The evolution of anti-bat sensory illusions in moths. 2018 , 4, eaar7428	16
334	Phylogenetic comparative methods: Harnessing the power of species diversity to investigate welfare issues in captive wild animals. 2018 , 37, 369-388	9
333	Inferring Evolutionary Process From Neuroanatomical Data. 2018 , 12, 54	3
332	Scary clowns: adaptive function of anemonefish coloration. 2018 , 31, 1558-1571	6
331	The microstructure of white feathers predicts their visible and near-infrared reflectance properties. 2018 , 13, e0199129	14
330	Diet of Neotropical parrots is independent of phylogeny but correlates with body size and geographical range. 2018 , 160, 742-754	12
329	Diversification of the climatic niche drove the recent processes of speciation in Sigmodontinae (Rodentia, Cricetidae). 2018 , 48, 328-332	2
328	Evolutionary adaptation to aquatic lifestyle in extinct sloths can lead to systemic alteration of bone structure. 2018 , 285,	15
327	Phylogenetic analysis of symbiont transmission mechanisms reveal evolutionary patterns in thermotolerance and host specificity that enhance bleaching resistance among vertically transmitted Symbiodinium. 2018 , 53, 443-459	7
326	A multi-level test of the seed number/size trade-off in two Scandinavian communities. 2018 , 13, e0201175	4
325	Structural equation modeling as a tool to investigate correlates of extra-pair paternity in birds. 2018 , 13, e0193365	6
324	Are there general laws for digit evolution in squamates? The loss and re-evolution of digits in a clade of fossorial lizards (Brachymeles, Scincinae). 2018 , 279, 1104-1119	10
323	Carnivory maintains cranial dimorphism between males and females: Evidence for niche divergence in extant Musteloidea. 2018 , 72, 1950-1961	13
322	Evolution of a soft-tissue foraging adaptation in African cichlids: Roles for novelty, convergence, and constraint. 2019 , 73, 2072-2084	8

321	Evolution of pedal digit orientation and morphology in relation to acquisition and secondary loss of the adhesive system in geckos. 2019 , 280, 1582-1599	3	
320	Colobine forestomach anatomy and diet. 2019 , 280, 1608-1616	10	
319	Comparative Brain Morphology of the Greenland and Pacific Sleeper Sharks and its Functional Implications. 2019 , 9, 10022	12	
318	Gross intestinal morphometry and allometry in primates. 2019 , 81, e23035	7	
317	Nectar traits differ between pollination syndromes in Balsaminaceae. 2019 , 124, 269-279	16	
316	Meta-analysis Shows That Rapid Phenotypic Change in Angiosperms in Response to Environmental Change Is Followed by Stasis. 2019 , 194, 840-853	2	
315	Insect egg size and shape evolve with ecology but not developmental rate. 2019 , 571, 58-62	44	
314	Trabecular bone architecture in the stylopod epiphyses of mustelids (Mammalia, Carnivora). 2019 , 6, 190938	4	
313	Altitude and life-history shape the evolution of Heliconius wings. 2019 , 73, 2436-2450	11	
312	Avoidance of Catastrophic Structural Failure as an Evolutionary Constraint: Biomechanics of the Acorn Weevil Rostrum. 2019 , 31, e1903526	5	
311	Larger Genomes Linked to Slower Development and Loss of Late-Developing Traits. 2019 , 194, 854-864	10	
310	Testing the metabolic homeostasis hypothesis in amphibians. 2019 , 374, 20180544	4	
309	Species traits and reduced habitat suitability limit efficacy of climate change refugia in streams. 2019 , 3, 1321-1330	12	
308	Ecological indicators of mammal exposure to Ebolavirus. 2019 , 374, 20180337	9	
307	A trait-based approach to predict population genetic structure in bees. 2019 , 28, 1919-1929	14	
306	Plant evolutionary history mainly explains the variance in biomass responses to climate warming at a global scale. 2019 , 222, 1338-1351	12	
305	Functional trait trade-off and species abundance: insights from a multi-decadal study. <i>Ecology Letters</i> , 2019 , 22, 583-592	10	9
304	Plant-plant interactions promote alpine diversification. 2019 , 33, 195-209	12	

303	Traits that allow bats of tropical lowland origin to conquer mountains: Bat assemblages along elevational gradients in the South American Atlantic Forest. 2019 , 46, 316-331	14
302	The evolution of femoral cross-sectional properties in sciuriform rodents: Influence of body mass and locomotor ecology. 2019 , 280, 1156-1169	9
301	Scaling of thermal tolerance with body mass and genome size in ectotherms: a comparison between water- and air-breathers. 2019 , 374, 20190035	38
300	Anatomical diversification of a skeletal novelty in bat feet. 2019 , 73, 1591-1603	4
299	Evolutionary associations between polyploidy, clonal reproduction, and perenniality in the angiosperms. 2019 , 224, 1266-1277	19
298	What Determines the Distinct Morphology of Species with a Particular Ecology? The Roles of Many-to-One Mapping and Trade-Offs in the Evolution of Frog Ecomorphology and Performance. 2019 , 194, E81-E95	21
297	Reproductive Capacity Evolves in Response to Ecology through Common Changes in Cell Number in Hawaiian <i>Drosophila</i> . 2019 , 29, 1877-1884.e6	7
296	Niche breadth and vertebrate sensitivity to habitat modification: signals from multiple taxa across replicated landscapes. 2019 , 28, 2647-2667	6
295	Global geographic patterns of heterospecific pollen receipt help uncover potential ecological and evolutionary impacts across plant communities worldwide. 2019 , 9, 8086	16
294	Evolution of phytochemical diversity in <i>Pilocarpus</i> (Rutaceae). 2019 , 163, 132-146	9
293	Lower rotational inertia and larger leg muscles indicate more rapid turns in tyrannosaurids than in other large theropods. 2019 , 7, e6432	14
292	Evolution of age at primiparity in pinnipeds in the absence of the quality-quantity trade-off in reproduction. 2019 , 9, 5450-5456	2
291	The Use of Phylogenetic Comparative Methods in the Study of Evolution and Visual Signalling. 2019 , 581-588	1
290	Physiological evolution during adaptive radiation: A test of the island effect in <i>Anolis</i> lizards. 2019 , 73, 1241-1252	14
289	Convergent evolution of reduced eggshell conductance in avian brood parasites. 2019 , 374, 20180194	2
288	Phylogeny matters: revisiting 'a comparison of bats and rodents as reservoirs of zoonotic viruses'. 2019 , 6, 181182	20
287	Phylogeny and herbivory are related to avian cecal size. 2019 , 9, 4243	11
286	Differences between temperate and tropical birds in seasonal acclimatization of thermoregulatory traits. 2019 , 50,	11

285	Femoral morphology of sciuriform rodents in light of scaling and locomotor ecology. 2019 , 234, 731-747	12
284	The role of the environment in the evolution of nest shape in Australian passerines. 2019 , 9, 5560	2
283	Phylogenetic investigation of skin sloughing rates in frogs: relationships with skin characteristics and disease-driven declines. 2019 , 286, 20182378	5
282	Parasite sharing in wild ungulates and their predators: Effects of phylogeny, range overlap, and trophic links. 2019 , 88, 1017-1028	14
281	On the importance of accounting for intraspecific genomic relatedness in multi-species studies. <i>Methods in Ecology and Evolution</i> , 2019 , 10, 994-1001	7-7 0
280	Functional trait evolution in Sphagnum peat mosses and its relationship to niche construction. 2019 , 223, 939-949	8
279	Mechanical significance of morphological variation in diprotodont incisors. 2019 , 6, 181317	1
278	The relationship between habitat use and body shape in geckos. 2019 , 280, 722-730	6
277	Flight initiation distance, color and camouflage. 2019 , 65, 535-540	14
276	Shared extremes by ectotherms and endotherms: Body elongation in mustelids is associated with small size and reduced limbs. 2019 , 73, 735-749	17
275	Sexual size dimorphism, allometry and fecundity in a lineage of South American viviparous lizards (Liolaemidae: Phymaturus). 2019 , 279, 152-163	7
274	Life history is a key factor explaining functional trait diversity among subtropical grasses, and its influence differs between C3 and C4 species. 2019 , 70, 1567-1580	11
273	Consistent trade-offs in fungal trait expression across broad spatial scales. 2019 , 4, 846-853	52
272	Nest attendance by tropical and temperate passerine birds: Same constancy, different strategy. 2019 , 9, 13555-13566	5
271	Hooked on you: shape of attachment structures in cymothoid isopods reflects parasitic strategy. 2019 , 19, 207	7
270	Solitary meat-eaters: solitary, carnivorous carnivorans exhibit the highest degree of sexual size dimorphism. 2019 , 9, 15344	4
269	Phylogenetic weighting does little to improve the accuracy of evolutionary coupling analyses. 2019 , 21,	6
268	Why whales are big but not bigger: Physiological drivers and ecological limits in the age of ocean giants. 2019 , 366, 1367-1372	58

- 267 The impact of digging on the evolution of the rodent mandible. **2019**, 280, 176-183 10
- 266 Predation drives recurrent convergence of an interspecies mutualism. *Ecology Letters*, **2019**, 22, 256-264 10 7
- 265 Ecological correlates and phylogenetic signal of host use in North American unionid mussels. **2019**, 49, 71-81 7
- 264 The convergent evolution of snake-like forms by divergent evolutionary pathways in squamate reptiles. **2019**, 73, 481-496 18
- 263 Janzen's Hypothesis Meets the Bogert Effect: Connecting Climate Variation, Thermoregulatory Behavior, and Rates of Physiological Evolution. **2019**, 1, oby002 36
- 262 Not all 'pine cones' flex: functional trade-offs and the evolution of seed release mechanisms. **2019**, 222, 396-407 6
- 261 Endophyte traits relevant to stress tolerance, resource use and habitat of origin predict effects on host plants. **2019**, 221, 2239-2249 46
- 260 Archosauromorph extinction selectivity during the Triassic-Jurassic mass extinction. **2019**, 62, 211-224 12
- 259 Learning from Dynamic Traits: Seasonal Shifts Yield Insights into Ecophysiological Trade-Offs across Scales from Macroevolutionary to Intraindividual. **2020**, 181, 88-102 4
- 258 Plant phylogenetic history explains in-stream decomposition at a global scale. **2020**, 108, 17-35 20
- 257 Male-male competition and repeated evolution of terrestrial breeding in Atlantic Coastal Forest frogs. **2020**, 74, 459-475 3
- 256 Biodiversity of protists and nematodes in the wild nonhuman primate gut. **2020**, 14, 609-622 16
- 255 The evolution of palate shape in the Lepilemur-Cheirogaleidae clade (Primates: Strepsirrhini). **2020**, 173, 307-321
- 254 Two-hundred million years of anuran body-size evolution in relation to geography, ecology and life history. **2020**, 33, 1417-1432 10
- 253 Vertebrae-Based Body Length Estimation in Crocodylians and Its Implication for Sexual Maturity and the Maximum Sizes. **2020**, 2, obaa042 2
- 252 Sensory pollutants alter bird phenology and fitness across a continent. **2020**, 587, 605-609 32
- 251 Locomotion and palaeoclimate explain the re-evolution of quadrupedal body form in lizards. **2020**, 287, 20201994 3
- 250 Knowledge status and trends in description of amphibian species in Brazil. **2020**, 118, 106754 5

249	Chemical novelty facilitates herbivore resistance and biological invasions in some introduced plant species. 2020 , 10, 8770-8792		3
248	Global patterns of population genetic differentiation in seed plants. 2020 , 29, 3413-3428		12
247	Strong but opposing effects of climatic niche breadth and dispersal ability shape bat geographical range sizes across phylogenetic scales. 2020 , 29, 1929-1939		2
246	Climbing strategy in herbs does not necessarily lead to lower investments into stem biomass. 2020 , 221, 1159-1166		1
245	Understanding the relationship between climatic niches and dispersal through the lens of bat wing morphology. 2020 , 312, 239-247		0
244	Development syndromes in New World temperate and tropical songbirds. 2020 , 15, e0233627		0
243	Large Lemurs: Ecological, Demographic and Environmental Risk Factors for Weight Gain in Captivity. 2020 , 10,		1
242	First evidence of convergent lifestyle signal in reptile skull roof microanatomy. 2020 , 18, 185		5
241	Feather morphological predictors of angle-dependent color changes in parrot plumage. 2020 , 13, 108-117		0
240	Tracking the Distribution and Burst of Nuclear Mitochondrial DNA Sequences (NUMTs) in Fig Wasp Genomes. 2020 , 11,		1
239	Uncovering the role of Symbiodiniaceae assemblage composition and abundance in coral bleaching response by minimizing sampling and evolutionary biases. 2020 , 20, 124		3
238	Studying animal niches using bulk stable isotope ratios: an updated synthesis. <i>Oecologia</i> , 2020 , 193, 27-51.9		29
237	The dark side of coloration: Ecogeographical evidence supports Gloger's rule in American marsupials. 2020 , 74, 2046-2058		10
236	Natural and sexual selection shape the evolution of colour and conspicuousness in North American wood-warblers (Parulidae). 2020 , 130, 89-100		5
235	Weak Relationships Between Swimming Morphology and Water Depth in Wrasses and Parrotfish Belie Multiple Selective Demands on Form-Function Evolution. <i>Integrative and Comparative Biology</i> , 2020 , 60, 1309-1319	2.8	2
234	Evolution of the Unique Anuran Pelvic and Hind limb Skeleton in Relation to Microhabitat, Locomotor Mode, and Jump Performance. <i>Integrative and Comparative Biology</i> , 2020 , 60, 1330-1345	2.8	3
233	Diversity of Reproductive Phenology Among Subtropical Grasses Is Constrained by Evolution and Climatic Niche. 2020 , 8,		
232	Ancestral State Estimation with Phylogenetic Ridge Regression. 2020 , 47, 220-232		9

231	Does body mass restrict call peak frequency in echolocating bats?. 2020 , 50, 304-313	1
230	Correlated evolution of diaspore traits and potential frugivore-mediated selection in a fleshy-fruited tropical lineage (<i>Artabotrys</i> , Annonaceae). 2020 , 74, 2020-2032	
229	Host functional and phylogenetic composition rather than host diversity structure plant-herbivore networks. 2020 , 29, 2747-2762	7
228	Evolution of fossorial locomotion in the transition from tetrapod to snake-like in lizards. 2020 , 287, 20200192	11
227	Phylogenetic structure of geographical co-occurrence among New World Triatominae species, vectors of Chagas disease. 2020 , 47, 1218-1231	3
226	Multiple dimensions of dietary diversity in large mammalian herbivores. 2020 , 89, 1482-1496	17
225	Correlation of skull morphology and bite force in a bird-eating bat (; Vespertilionidae). 2020 , 17, 8	5
224	Functional similarity and dissimilarity facilitate alien plant invasiveness along biotic and abiotic gradients in an arid protected area. 2020 , 22, 1997-2016	7
223	Reliable Phylogenetic Regressions for Multivariate Comparative Data: Illustration with the MANOVA and Application to the Effect of Diet on Mandible Morphology in Phyllostomid Bats. 2020 , 69, 927-943	14
222	Maternal Investment, Ecological Lifestyle, and Brain Evolution in Sharks and Rays. 2020 , 195, 1056-1069	7
221	What explains vast differences in jumping power within a clade? Diversity, ecology and evolution of anuran jumping power. 2020 , 34, 1053-1063	5
220	Feeding ecology has a stronger evolutionary influence on functional morphology than on body mass in mammals. 2020 , 74, 610-628	17
219	Explaining prevalence, diversity and host specificity in a community of avian haemosporidian parasites. 2020 , 129, 1314-1329	25
218	Living on the Edge: Physiological and Kinetic Trade-Offs Shape Thermal Tolerance in Intertidal Crabs From Tropical to Sub-Antarctic South America. 2020 , 11, 312	2
217	Evolutionary bedfellows: Reconstructing the ancestral state of autotomy and regeneration. 2021 , 336, 94-115	5
216	Heat tolerances of temperate and tropical birds and their implications for susceptibility to climate warming. 2021 , 35, 93-104	9
215	The effects of morphology, phylogeny and prey availability on trophic resource partitioning in an anuran community. 2021 , 50, 181-191	1
214	Evidence for the 'rate-of-living' hypothesis between mammals and lizards, but not in birds, with field metabolic rate. 2021 , 253, 110867	2

213	Best of a bad job or masters of illusion: Do nest light conditions make the eggs of brood parasitic brown-headed cowbirds (<i>Molothrus ater</i>) more similar to the eggs of their hosts?. 2021 , 127, 117-124		7
212	Phylogenetic patterns and ontogenetic origins of limb length variation in ecologically diverse lacertine lizards. 2021 , 132, 283-296		1
211	A global analysis of song frequency in passerines provides no support for the acoustic adaptation hypothesis but suggests a role for sexual selection. <i>Ecology Letters</i> , 2021 , 24, 477-486	10	16
210	A global analysis of ecological and evolutionary drivers of the use of wild mammals in traditional medicine. 2021 , 51, 293-306		1
209	Morphological complexity affects the diversity of marine microbiomes. 2021 , 15, 1372-1386		5
208	Comparative genomics reveals dynamic genome evolution in host specialist ectomycorrhizal fungi. 2021 , 230, 774-792		9
207	Ecological correlates of crop yield growth and interannual yield variation at a global scale. 2021 , 21, 15-43		1
206	Carbohydrate storage in herbs: the forgotten functional dimension of the plant economic spectrum. 2021 , 127, 813-825		5
205	Natural Selection is Unlikely to Explain Why Species Get a Thin Slice of π		2
204	Evolution of realized Eltonian niches across Rajidae species. 2021 , 12, e03368		1
203	Plant β gypsum affinity shapes responses to specific edaphic constraints without limiting responses to other general constraints. 2021 , 462, 297-309		2
202	Body mass, temperature, and depth shape the maximum intrinsic rate of population increase in sharks and rays.		
201	Quantifying the link between craniodental morphology and diet in the Soricidae using geometric morphometrics. 2021 , 133, 28-46		0
200	Why aren't rabbits and hares larger?. 2021 , 75, 847-860		2
199	Leaf heat tolerance of 147 tropical forest species varies with elevation and leaf functional traits, but not with phylogeny. 2021 , 44, 2414-2427		6
198	Functional constraints during development limit jaw shape evolution in marsupials. 2021 , 288, 20210319		6
197	The impact of locomotion on the brain evolution of squirrels and close relatives. 2021 , 4, 460		9
196	Phylogenetic Comparative Methods: A User's Guide for Paleontologists. 2021 ,		4

195	Differing effects of size and lifestyle on bone structure in mammals. 2021 , 19, 87	5
194	Macroevolution of dimensionless life-history metrics in tetrapods. 2021 , 288, 20210200	0
193	Evolving the structure: climatic and developmental constraints on the evolution of plant architecture. A case study in Euphorbia. 2021 , 231, 1278-1295	6
192	Size, microhabitat, and loss of larval feeding drive cranial diversification in frogs. 2021 , 12, 2503	12
191	The evolution of the placenta in poeciliid fishes. 2021 , 31, 2004-2011.e5	5
190	Extrapolating Acute Contact Bee Sensitivity to Insecticides Based on Body Weight Using a Phylogenetically Informed Interspecies Scaling Framework. 2021 , 40, 2044-2052	1
189	The evolution of monogamy is associated with reversals from male to female bias in the survival cost of parasitism. 2021 , 288, 20210421	0
188	A simple hierarchical model for heterogeneity in the evolutionary correlation on a phylogenetic tree.	1
187	Phantom rivers filter birds and bats by acoustic niche. 2021 , 12, 3029	4
186	Chemical Similarity of Co-occurring Trees Decreases With Precipitation and Temperature in North American Forests. 9,	1
185	Methodological advances for hypothesis-driven ethnobiology. 2021 , 96, 2281-2303	4
184	Drivers and patterns of bite force evolution in liolaemid lizards. 2021 , 134, 126-140	0
183	Functional correlates of skull shape in Chiroptera: feeding and echolocation adaptations. 2021 ,	3
182	Artificial night light and anthropogenic noise interact to influence bird abundance over a continental scale. 2021 , 27, 3987-4004	6
181	Environmental drivers of sexual dimorphism in a lizard with alternative mating strategies. 2021 , 34, 1241-1255	2
180	Combining range and phenology shifts offers a winning strategy for boreal Lepidoptera. <i>Ecology Letters</i> , 2021 , 24, 1619-1632	10 7
179	Evolution of herbs: key to the conundrum might be tolerance not avoidance. 2021 , 14, 911-919	1
178	Intentional and unintentional selection during plant domestication: herbivore damage, plant defensive traits and nutritional quality of fruit and seed crops. 2021 , 231, 1586-1598	3

177	Sowing forests: a synthesis of seed dispersal and predation by agoutis and their influence on plant communities. 2021 , 96, 2425-2445	2
176	Contingency and determinism in the evolution of bird song sound frequency. 2021 , 11, 11600	2
175	Thermal Sensitivity of Heat Sensor TRPA1 Correlates With Temperatures Inducing Heat Avoidance Behavior in Terrestrial Ectotherms. 2021 , 9,	0
174	Differences between flower and leaf phenological responses to environmental variation drive shifts in spring phenological sequences of temperate woody plants. 2021 , 109, 2922-2933	1
173	A Phylogeny-Informed Analysis of the Global Coral-Symbiodiniaceae Interaction Network Reveals that Traits Correlated with Thermal Bleaching Are Specific to Symbiont Transmission Mode. 2021 , 6,	1
172	Comparative phylogenetic analysis of milk output at peak lactation. 2021 , 257, 110976	1
171	Do Cardiovascular Diseases Significantly Influence Healthy Aging?. 2021 , 18,	
170	Anatomical adaptations in aquatic and wetland dicot plants: Disentangling the environmental, morphological and evolutionary signals. 2021 , 187, 104495	0
169	Niche partitioning in small mammals: interspecific and biome-level analyses using stable isotopes.	2
168	Migration distance is a fundamental axis of the slow-fast continuum of life history in boreal birds.	6
167	The anti-predation benefit of flash displays is related to the distance at which the prey initiates its escape. 2021 , 288, 20210866	2
166	The macroecology of extra-pair paternity in birds. 2021 , 30, 4884-4898	5
165	Cranial Morphology of the Flat-Headed Bat <i>Myotis planiceps</i> (Chiroptera: Vespertilionidae) in the Context of American <i>Myotis</i> . 2021 , 23,	
164	Sex-specific ornament evolution is a consistent feature of climatic adaptation across space and time in dragonflies. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5 4
163	Two Gaussian Bridge Processes for Mapping Continuous Trait Evolution along Phylogenetic Trees. 2021 , 9, 1998	1
162	Quantifying the relationship between genetic diversity and population size suggests natural selection cannot explain Lewontin's Paradox. 2021 , 10,	8
161	A drastic shift in the energetic landscape of toothed whale sperm cells. 2021 , 31, 3648-3655.e9	3
160	Noise constrains the evolution of call frequency contours in flowing water frogs: a comparative analysis in two clades. 2021 , 18, 37	1

159	Basal metabolic rate in free-ranging tropical birds lacks long-term repeatability and is influenced by ambient temperature. 2021 , 335, 668-677	0
158	Dispersal patterns of Squamata in the Mediterranean: An evolutionary perspective. 2021 , 11, 14733-14743	0
157	Interspecific variation in bristle number on forewings of tiny insects does not influence clap-and-fling aerodynamics. 2021 , 224,	0
156	Macroevolutionary ecomorphology of the Carnivora skull: adaptations and constraints in the extant species.	4
155	Flower colour and size signals differ depending on geographical location and altitude region. 2021 , 23, 905-914	1
154	Phylogenetic patterns of trait and trait plasticity evolution: Insights from tadpoles. 2021 , 75, 2568-2588	0
153	How does spawning frequency scale with body size in marine fishes?.	1
152	How much calcium to shell out? Eggshell calcium carbonate content is greater in birds with thinner shells, larger clutches and longer lifespans. 2021 , 18, 20210502	1
151	Testing the strength and direction of selection on vocal frequency using metabolic scaling theory. 2021 , 12, e03733	3
150	Nest concealment is associated with reproductive traits across sympatric bird species. 2021 , 11, 14079-14087	2
149	Large brain size is associated with low extra-pair paternity across bird species. 2021 , 11, 13601-13608	0
148	A Common Endocrine Signature Marks the Convergent Evolution of an Elaborate Dance Display in Frogs. 2021 , 198, 522-539	1
147	A review of the carotid artery and facial nerve canal systems in extant turtles. 2021 , 8, e10475	12
146	Competition and hybridization drive interspecific territoriality in birds. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 12923-12930	11.5 13
145	Ecological drivers of body size evolution and sexual size dimorphism in short-horned grasshoppers (Orthoptera: Acrididae).	1
144	The evolution of seasonal migration and the slow-fast continuum of life history in birds.	2
143	Repeated loss of variation in insect ovary morphology highlights the role of developmental constraint in life-history evolution.	1
142	Strong influence of vertebrate host phylogeny on gut archaeal diversity.	2

141	Rethinking phylogenetic comparative methods.	4
140	Longevity, body dimension and reproductive mode drive differences in aquatic versus terrestrial life-history strategies. 2020 , 34, 1613-1625	10
139	Gene expression of functionally-related genes coevolves across fungal species: detecting coevolution of gene expression using phylogenetic comparative methods. 2020 , 21, 370	3
138	Assessing the Goodness of Fit of Phylogenetic Comparative Methods: A Meta-Analysis and Simulation Study. 2013 , 8, e67001	12
137	A macrophysiological analysis of energetic constraints on geographic range size in mammals. 2013 , 8, e72731	13
136	Scale effects between body size and limb design in quadrupedal mammals. 2013 , 8, e78392	32
135	The evolution of morphospace in phytophagous scarab chafers: no competition--no divergence?. 2014 , 9, e98536	14
134	Pollination Mode and Mating System Explain Patterns in Genetic Differentiation in Neotropical Plants. 2016 , 11, e0158660	22
133	An avian dominance hierarchy at a supplemental water source in the Patagonian steppe. 2020 , 15, e0244299	1
132	Physiological integration of coral colonies is correlated with bleaching resistance. 2018 , 586, 1-10	20
131	Strong biomechanical relationships bias the tempo and mode of morphological evolution. 2018 , 7,	19
130	The African ape-like foot of and its implications for the origin of bipedalism. 2019 , 8,	13
129	On the relationship between enamel band complexity and occlusal surface area in Equids (Mammalia, Perissodactyla). 2016 , 4, e2181	8
128	A global analysis of bird plumage patterns reveals no association between habitat and camouflage. 2016 , 4, e2658	12
127	The brown anole dewlap revisited: do predation pressure, sexual selection, and species recognition shape among-population signal diversity?. 2018 , 6, e4722	6
126	OUP accepted manuscript.	0
125	Effect of captivity on the vertebral bone microstructure of xenarthran mammals. 2021 ,	1
124	The length scale of multivalent interactions is evolutionarily conserved in fungal and vertebrate phase-separating proteins. 2021 ,	3

123	Nature calls: intelligence and natural foraging style predict poor welfare in captive parrots. 2021 , 288, 20211952	5
122	Vertebrate host phylogeny influences gut archaeal diversity. 2021 , 6, 1443-1454	4
121	Using BayesModelS to provide Bayesian- and phylogenetically-informed primate body mass predictions. 2021 , 161, 103077	1
120	Light and growth form interact to shape stomatal ratio among British angiosperms.	
119	Diversity of translation initiation mechanisms across bacterial species is driven by environmental conditions and growth demands.	0
118	Avian thermoregulation in the heat: is evaporative cooling more economical in nocturnal birds?.	
117	On the importance of accounting for intraspecific genomic relatedness in multi-species studies.	
116	Insect egg size and shape evolve with ecology, not developmental rate.	0
115	Anatomical diversification of a skeletal novelty in bat feet.	
114	Environmental factors do not contribute significantly to shell shape in the Sprite <i>Elimia</i> , <i>Elimia Proxima</i> (Gastropoda: Pleuroceridae). 2019 , 93, 1	1
113	Scaling of thermal tolerance with body mass and genome size in ectotherms: A comparison between water-and air-breathers.	
112	Reliable Phylogenetic Regressions for Multivariate Comparative Data: Illustration with the MANOVA and Application to the Effect of Diet on Mandible Morphology in Phyllostomid Bats.	
111	Altitude and life-history shape the evolution of <i>Heliconius</i> wings.	
110	Phylogenetic weighting does little to improve the accuracy of evolutionary coupling analyses.	
109	Aquatic and terrestrial organisms display contrasting life history strategies as a result of environmental adaptations.	
108	On islands, evolutionary but not functional originality is rare.	
107	Gene Expression of Functionally-Related Genes Coevolves Across Fungal Species: Detecting Coevolution of Gene Expression Using Phylogenetic Comparative Methods.	1
106	Evolution of body size and wing shape trade-offs in arsenurine silkmoths.	

105	Extrapolating acute bee sensitivity to insecticides using a phylogenetically informed interspecies scaling framework.		
104	Differing effects of size and lifestyle on bone structure in mammals.		
103	A standardized effect size for evaluating and comparing the strength of phylogenetic signal. <i>Methods in Ecology and Evolution</i> ,	7.7	0
102	Should I shrink or should I flow? Body size adjustment to thermo-oxygenic niche.		
101	Birds of a Feather: Capturing Avian Shape Models from Images. 2021 ,		1
100	Accelerated decline of genome heterogeneity in the SARS-CoV-2 coronavirus.		0
99	Exceptionally simple, rapidly replaced teeth in sauropod dinosaurs demonstrate a novel evolutionary strategy for herbivory in Late Jurassic ecosystems. <i>Bmc Ecology and Evolution</i> , 2021 , 21, 202	21	0
98	Joint evolution of mycorrhizal type, pollination, and seed dispersal mode in trees.		0
97	The coevolution of mammae number and litter size.		0
96	Hidden phylogenomic signal helps elucidate arsenurine silkmoth phylogeny and the evolution of body size and wing shape trade-offs. 2021 ,		1
95	Composition, richness and nestedness of gallery forest bird assemblages in an Amazonian savanna landscape: lessons for conservation.. 2021 , 9, e12529		0
94	The Level of Pollination Specialization Affects the Relationship between the Shape of Flowers and the Bills of Their Hummingbird Pollinators in Antillean Gesneriaceae. 000-000		0
93	Red and yellow pigments in autumn leaves are associated with higher nitrogen resorption: A comment on Peñ-Novas and Marchetti 2021 (https://doi.org/10.1111/jeb.13903).. 2022 , 35, 180-182		0
92	Ecological and evolutionary distances from neighbouring plants do not influence leaf herbivory by chewing insects in a Neotropical savanna. 2021 , 14, 157-168		0
91	Is citrate synthase an energy biomarker in Southwestern Atlantic corals? A comparative, biochemical approach under a simulated scenario of climate change. 2022 , 41, 213		
90	Phylogenetic analysis of adaptation in comparative physiology and biomechanics: overview and a case study of thermal physiology in treefrogs.. 2022 , 225,		1
89	New analyses of the <i>Ardipithecus ramidus</i> foot provide additional evidence of its African ape-like affinities: A reply to.. 2022 , 164, 103135		0
88	Challenges of sampling and how phylogenetic comparative methods help: With a case study of the Pama-Nyungan laminal contrast. 2022 ,		2

- 87 Quantity versus quality: A balance between egg and clutch size among Australian amphibians in relation to other life-history variables. 1
- 86 Increasing pollen production at high latitudes across animal-pollinated flowering plants. **2022**, 31, 940-953 0
- 85 Structural Variability Shows Power-Law Based Organization of Vowel Systems.. **2022**, 13, 801908 0
- 84 The extinction of threatened species by anthropogenic threats endangers the functional diversity of turtles and crocodiles.
- 83 The ecological drivers of growth form evolution in flowering plants. 1
- 82 Can sensory drive explain the evolution of visual signal diversity in terrestrial species? A test with Anolis lizards. 0
- 81 Evolutionary relations between mycorrhizal symbiosis and plant-plant communication in trees.
- 80 Genome size distributions in bacteria and archaea are strongly linked to phylogeny.
- 79 Palaeoceanographic changes in the late Pliocene promoted rapid diversification in pelagic seabirds. **2022**, 49, 171-188 0
- 78 Gradual genome size evolution and polyploidy in Allium from the Qinghai-Tibetan Plateau.. **2021**,
- 77 Data_Sheet_1.docx. **2018**,
- 76 Data_Sheet_2.docx. **2018**,
- 75 Image_1.PDF. **2018**,
- 74 Table_1.xlsx. **2018**,
- 73 Table_2.xlsx. **2018**,
- 72 Table_3.docx. **2018**,
- 71 Data_Sheet_1.docx. **2020**,
- 70 Table_1.XLSX. **2020**,

69	Evolutionary processes, not environmental drivers, determine the resilience of natural populations.		0
68	Consilience of methods for phylogenetic analysis of variance.. 2022,		
67	In-depth Satellitome Analyses of 37 Drosophila species illuminate repetitive DNA evolution in the Drosophila genus.. 2022,		4
66	The effects of foraging ecology and allometry on avian skull shape vary across levels of phylogeny.		0
65	Choice of 3D morphometric method leads to diverging interpretations of formFunction relationships in the carnivoran calcaneus.		
64	Genome size distributions in bacteria and archaea are strongly linked to evolutionary history at broad phylogenetic scales. 2022, 18, e1010220		0
63	Genome size drives morphological evolution in organ-specific ways.		0
62	Adaptive variation in the upper limits of avian body temperature. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119,	11.5	2
61	Geographic range size and speciation in honeyeaters. <i>Bmc Ecology and Evolution</i> , 2022, 22,	21	1
60	A Comparative Approach to Understanding Floral Adaptation to Climate and Pollinators During Diversification in European and Mediterranean Silene. <i>Integrative and Comparative Biology</i> ,	2.8	
59	Climate and body size have differential roles on melanism evolution across workers in a worldwide ant genus. <i>Oecologia</i> ,	2.9	0
58	Including Phylogenetic Conservatism of Shortgrass Prairie Restoration Desired Species Does Not Improve Species Germination Prediction.		
57	Evolutionary interactions between thermal ecology and sexual selection. <i>Ecology Letters</i> ,	10	1
56	Fitness homeostasis across an experimental water gradient predicts speciesGeographic range and climatic breadth. <i>Ecology</i> ,	4.6	
55	Robust Phylogenetic Regression.		0
54	Phylogenetic, Allometric, and Ecological Factors Affecting Morphological Variation in the Scapula and Humerus of Spiny Rats (Rodentia: Echimyidae).		
53	Reproductive dispersion and damping time scale with life-history speed.		
52	Ecological, physiological and life-history traits correlate with genome sizes in decapod crustaceans. 10,		

- 51 Ecomorphology of six goatfish species (Mullidae) from Toliara Reef, Madagascar. 0
- 50 A simple hierarchical model for heterogeneity in the evolutionary correlation on a phylogenetic tree. 10, e13910 0
- 49 Nutrient balance and energy-acquisition effectiveness: do birds adjust their fruit diet to achieve intake targets?. 0
- 48 Within-individual leaf allometry and the evolution of leaf morphology: A multilevel analysis of leaf allometry in temperate *Viburnum* (Adoxaceae) species. 0
- 47 Large Mammals Have More Powerful Antibacterial Defenses Than Expected from Their Metabolic Rates. 0
- 46 Age-Area Relationships in American Marsupials: A Macroevolutionary Approach. 2022, 1-17 0
- 45 Age-Area Relationships in American Marsupials: A Macroevolutionary Approach. 2022, 1-18 0
- 44 Taxonomic revision of maned sloths, subgenus *Bradypus* (*Scaeopus*), *Pilosa*, *Bradypodidae*, with revalidation of *Bradypus crinitus* Gray, 1850. 3
- 43 A Trait-based Investigation of Fungal Decomposition with Machine Learning. 2022, 358, 02010 0
- 42 What is an urban bird? Trait-based predictions of urban tolerance for the world's birds are modulated by latitude and human population density. 0
- 41 Breaking the constraint on the number of cervical vertebrae in mammals: On homeotic transformations in lorises and pottos. 0
- 40 Body mass, temperature, and depth shape the maximum intrinsic rate of population increase in sharks and rays. 2022, 12, 0
- 39 Attenuated evolution of mammals through the Cenozoic. 2022, 378, 377-383 2
- 38 Non-symbiotic legumes are more invasive, but only if polyploid. 0
- 37 Habitat drives body size evolution in Mustelidae (Mammalia: Carnivora). 0
- 36 Effect of Polytomy on the Parameter Estimation and Goodness of Fit of Phylogenetic Linear Regression Models for Trait Evolution. 2022, 14, 942 1
- 35 The Predictable Complexity of Evolutionary Allometry. 1
- 34 Ocular lens morphology is influenced by ecology and metamorphosis in frogs and toads. 2022, 289, 1

33	Unique bone microanatomy reveals ancestry of subterranean specializations in mammals.	0
32	Adaptive variation in avian eggshell structure and gas conductance across elevational gradients?.	0
31	Including phylogenetic conservatism of shortgrass prairie restoration species does not improve species germinability prediction. 10,	0
30	Rapid Adaptation of Cellular Metabolic Rate to the microRNA Complements of Mammals.	0
29	Fear in urban landscapes: conspecific flock size drives escape decisions in tropical birds. 2022 , 9,	2
28	Seed dispersal by waterbirds: a mechanistic understanding by simulating avian digestion.	1
27	Multi-Response Phylogenetic Mixed Models: Concepts and Application.	0
26	Ruling the unruly: larval passiveness enabled size inequality between ant queens and workers.	0
25	Drivers of the differentiation between broad-leaved trees and shrubs in the shift from evergreen to deciduous leaf habit in forests of eastern Asian subtropics. 2023 ,	0
24	Trait Variation in American Marsupials Based on Biological Rules. 2023 , 1-25	0
23	Global patterns of plant form and function are strongly determined by evolutionary relationships.	0
22	From Fairies to Giants: untangling the effect of body size, phylogeny, and ecology on vertebral bone microstructure of Xenarthran mammals.	0
21	Macroecology and Potential Drivers of Diversity in Webspinner Maternal Care (Order Embioptera). 2023 , 7,	0
20	The Evolution of Life History Traits and Their Thermal Plasticity in Daphnia. 2023 , 2, 55-74	0
19	Species out of sight: elucidating the determinants of research effort in global reptiles.	0
18	Habitat Drives Body Size Evolution in Mustelidae (Mammalia: Carnivora).	0
17	Original article: Evolution of female colours in birds: The role of female cost of reproduction and paternal care.	0
16	Genetic evidence for widespread population size expansion in North American boreal birds prior to the Last Glacial Maximum. 2023 , 290,	1

- 15 A Phylogenetic Regression Model for Studying Trait Evolution on Network. **2023**, 6, 450-467 ○
- 14 Is the hyoid a constraint on innovation? A study in convergence driving feeding in fish-shaped marine tetrapods. 1-16 ○
- 13 Traits shaping urban tolerance in birds differ around the world. **2023**, ○
- 12 Interspecific sociality alters the colonization and extinction rates of birds on subtropical reservoir islands. **2023**, 378, 1
- 11 Tropical rays are intrinsically more sensitive to overfishing than the temperate skates. **2023**, 281, 110003 ○
- 10 Phylogenetically conservative trait correlation: quantification and interpretation. ○
- 9 Updated imaging and phylogenetic comparative methods reassess relative temporal lobe size in anthropoids and modern humans. **2023**, 180, 768-776 ○
- 8 Genome size variation and polyploidy prevalence in the genus *Eragrostis* are associated with the global dispersal in arid area. 14, ○
- 7 Anthropogenic impacts on threatened species erode functional diversity in chelonians and crocodylians. **2023**, 14, ○
- 6 Interspecific facilitation favors rare species establishment and reduces performance disparities among adults. **2023**, 34, ○
- 5 Thermal tolerance of tropical and temperate alpine plants suggests that mountain passes are not higher in the tropics □ ○
- 4 The Cauchy Process on Phylogenies: a Tractable Model for Pulsed Evolution. ○
- 3 Bridging performance and adaptive landscapes to understand long-term functional evolution. ○
- 2 Overlaps and trade-offs in the diversity and inducibility of volatile chemical profiles among diverse sympatric neotropical canopy trees. ○
- 1 BEING A TREE CROP INCREASES THE ODDS OF EXPERIENCING YIELD DECLINES IRRESPECTIVE OF POLLINATOR DEPENDENCE. ○