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## Inferring the historical patterns of biological evolution

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2201	Relationship Patterns Between Central Auditory Processing Disorders and Language Disorders, Learning Disabilities, and Sensory Integration Dysfunction. <b>2001</b> , 22, 87-98	5
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2198	THE EVOLUTION OF EMBRYO SIZE IN ANGIOSPERMS AND OTHER SEED PLANTS: IMPLICATIONS FOR THE EVOLUTION OF SEED DORMANCY. <b>2002</b> , 56, 2112	6
2197	EVOLUTIONARY SHIFTS BETWEEN HOST OAK SECTIONS AND HOST-PLANT ORGANS IN ANDRICUS GALLWASPS. <b>2002</b> , 56, 1821	7
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2171	Evolutionary biology: the tale of the parasitic cuckoos. <i>Nature</i> , <b>2002</b> , 416, 687-90	50.4	3
2170	The origin and evolution of model organisms. <b>2002</b> , 3, 838-49		593
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2154	Detecting correlation between characters in a comparative analysis with uncertain phylogeny. <b>2003</b> , 57, 1237-47		69

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2131	Molecular Systematics and Evolution of Arthropods. <b>2003</b> , 350-399	1
2130	Gentianaceae: Systematics and Natural History. Pina Struwe and Victor A. Albert (eds.). 2002. Cambridge University Press, Cambridge, CB2 2RU, UK. x + 652 pp. ISBN 0521809991. Hardback. £95 (\$130).. <b>2004</b> , 53, 835-838	1
2129	The evolution of phylogenetic differences in the efficiency of digestion in ruminants. <b>2004</b> , 271, 1081-90	85
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2040	Host traits and parasite species richness in even and odd-toed hoofed mammals, Artiodactyla and Perissodactyla. <b>2006</b> , 115, 526-536	86
2039	Large punctuational contribution of speciation to evolutionary divergence at the molecular level. <b>2006</b> , 314, 119-21	179
2038	Simple phylogenetic tree searches easily succeed with large matrices of single genes. <b>2006</b> , 55, 573-578	3
2037	Core set approach to reduce uncertainty of gene trees. <b>2006</b> , 6, 41	3
2036	Limited male incubation ability and the evolution of egg size in shorebirds. <b>2006</b> , 2, 206-8	12
2035	Metabolic costs of brain size evolution. <b>2006</b> , 2, 557-60	221
2034	Bayesian analysis of correlated evolution of discrete characters by reversible-jump Markov chain Monte Carlo. <b>2006</b> , 167, 808-25	663
2033	Ecology predicts large-scale patterns of phylogenetic diversification in birds. <b>2006</b> , 168, 220-9	132
2032	TESTING FOR DIFFERENT RATES OF CONTINUOUS TRAIT EVOLUTION USING LIKELIHOOD. <b>2006</b> , 60, 922	49
2031	An evolutionary perspective on caching by corvids. <b>2006</b> , 273, 417-23	68
2030	SEASONAL MIGRATION, SPECIATION, AND MORPHOLOGICAL CONVERGENCE IN THE GENUS CATHARUS (TURDIDAE). <b>2006</b> , 123, 1052	10
2029	Seasonal Migration, Speciation, and Morphological Convergence in the Genus Catharus (Turdidae) (Migraci3n Estacional, Especiaci3n y Convergencia Morfol3gica en el G3nero Catharus (Turdidae)). <b>2006</b> , 123, 1052-1068	1
2028	Resource use and rarity among frugivorous birds in a tropical rain forest on Sulawesi. <b>2006</b> , 130, 60-69	15

2027	Evolutionary and ecological causes of the latitudinal diversity gradient in hylid frogs: treefrog trees unearth the roots of high tropical diversity. <b>2006</b> , 168, 579-96	323
2026	The evolution of parental care and egg size: a comparative analysis in frogs. <b>2006</b> , 273, 687-92	71
2025	A phylogenetic analysis of the allometry of diving. <b>2006</b> , 167, 276-87	121
2024	Seasonal Migration, Speciation, and Morphological Convergence in the Genus <i>Catharus</i> (Turdidae). <b>2006</b> , 123, 1052-1068	27
2023	Neuroscientists need to be evolutionarily challenged. <b>2006</b> , 29, 13-14	2
2022	Brain evolution: Part I. <b>2006</b> , 29, 12-13	4
2021	Velocity and direction in neurobehavioral evolution: The centripetal prospective. <b>2006</b> , 29, 21-22	
2020	Brain design: The evolution of brains. <b>2006</b> , 29, 24-25	
2019	The key role of prefrontal cortex structure and function. <b>2006</b> , 29, 22-22	2
2018	Putting humans in their proper place. <b>2006</b> , 29, 15-16	4
2017	Brain evolution by natural selection. <b>2006</b> , 29, 23-24	2
2016	Scaling patterns of interhemispheric connectivity in eutherian mammals. <b>2006</b> , 29, 16-17	4
2015	An evolutionary niche for quantitative theoretical analyses?. <b>2006</b> , 29, 23-23	11
2014	The evolution of computation in brain circuitry. <b>2006</b> , 29, 17-18	2
2013	Principles of brain connectivity organization. <b>2006</b> , 29, 18-19	3
2012	Practical use of evolutionary neuroscience principles. <b>2006</b> , 29, 14-15	3
2011	Evolutionary neuroscience: Limitations and prospects. <b>2006</b> , 29, 25-31	
2010	Mental attention, not language, may explain evolutionary growth of human intelligence and brain size. <b>2006</b> , 29, 19-20	3

2009	Jumpstarting phylogenetic analysis. <b>2006</b> , 2, 19-35	5
2008	Prfils of principles of brain evolution. <b>2006</b> , 29, 1-12; discussion 12-36	142
2007	Evolution of micromorphological and chemical characters in the lichen-forming fungal family Pertusariaceae. <b>2006</b> , 89, 615-626	27
2006	NEUTRAL THEORY, PHYLOGENIES, AND THE RELATIONSHIP BETWEEN PHENOTYPIC CHANGE AND EVOLUTIONARY RATES. <b>2006</b> , 60, 476-483	50
2005	SEX RATIO, LIFE-HISTORY INVARIANTS, AND PATTERNS OF SEX CHANGE IN A FAMILY OF PROTANDROUS GASTROPODS. <b>2006</b> , 60, 735-745	48
2004	TESTING FOR DIFFERENT RATES OF CONTINUOUS TRAIT EVOLUTION USING LIKELIHOOD. <b>2006</b> , 60, 922-933	480
2003	FROM MORE TO FEWER? TESTING AN ALLEGEDLY PERVASIVE TREND IN THE EVOLUTION OF MORPHOLOGICAL STRUCTURE. <b>2006</b> , 60, 1402-1416	17
2002	DISCORDANCE BETWEEN MORPHOLOGICAL AND MECHANICAL DIVERSITY IN THE FEEDING MECHANISM OF CENTRARCHID FISHES. <b>2006</b> , 60, 2575-2584	85
2001	Malaria parasites (Apicomplexa, Haematozoa) and their relationships with their hosts: is there an evolutionary cost for the specialization?. <b>2006</b> , 44, 265-273	15
2000	Life history evolution in cichlids 2: directional evolution of the trade-off between egg number and egg size. <b>2006</b> , 19, 76-84	25
1999	Tempo, mode and phylogenetic associations of relative embryo size evolution in angiosperms. <b>2006</b> , 19, 625-34	20
1998	Phylogenetic relationships and evolution of cleaning behaviour in the family Labridae: importance of body colour pattern. <b>2006</b> , 19, 755-63	27
1997	Cope's rule in cryptodiran turtles: do the body sizes of extant species reflect a trend of phyletic size increase?. <b>2006</b> , 19, 1210-21	29
1996	Parallel evolution of larval morphology and habitat in the snail-killing fly genus Tetanocera. <b>2006</b> , 19, 1459-74	18
1995	The evolution of virulence and host specialization in malaria parasites of primates. <b>2006</b> , 9, 933-40	60
1994	Range size-abundance relationships in Australian passerines. <b>2006</b> , 15, 143-152	21
1993	Measuring range sizes of South-East Asian hawkmoths (Lepidoptera: Sphingidae): effects of scale, resolution and phylogeny. <b>2006</b> , 15, 339-348	14
1992	Can intrinsic factors explain population declines in North American breeding shorebirds? A comparative analysis. <b>2006</b> , 9, 252-258	64

1991	Determinants of local abundance in a major radiation of Australian passerines (Aves: Meliphagoidea). <b>2006</b> , 33, 794-802	17
1990	Inferring differential evolutionary processes of plant persistence traits in Northern Hemisphere Mediterranean fire-prone ecosystems. <b>2006</b> , 94, 31-39	71
1989	Ecological correlates of range structure in rare and scarce British plants. <b>2006</b> , 94, 581-596	34
1988	Evolutionary diversification of the bean beetle genus <i>Callosobruchus</i> (Coleoptera: Bruchidae): traits associated with stored-product pest status. <b>2006</b> , 15, 3541-51	102
1987	Reconstructing ancestral ecologies: challenges and possible solutions. <b>2006</b> , 12, 7-19	32
1986	What can phylogenetics tell us about speciation in the Cape flora?. <b>2006</b> , 12, 21-26	35
1985	A comparative analysis of the diving behaviour of birds and mammals. <b>2006</b> , 20, 889-899	49
1984	Extinction Risk: A Comparative Analysis of Central Asian Vertebrates. <b>2006</b> , 15, 1859-1871	43
1983	A Comparison of Predictive Methods in Extinction Risk Studies: Contrasts and Decision Trees. <b>2006</b> , 15, 1977-1991	16
1982	Do small animals have a biogeography?. <b>2006</b> , 40, 133-44	6
1981	Latitudinal gradients in abundance, and the causes of rarity in the tropics: a test using Australian honeyeaters (Aves: Meliphagidae). <b>2006</b> , 149, 406-17	10
1980	Sympatric size variants of the microcopepod <i>Oncaea venusta</i> exhibit distinct lineages in DNA sequences. <b>2006</b> , 149, 503-513	16
1979	Tempo and mode of spliceosomal intron evolution in actin of foraminifera. <b>2006</b> , 63, 30-41	17
1978	Evolution of host specificity in fleas: is it directional and irreversible?. <b>2006</b> , 36, 185-91	55
1977	SIMMAP: stochastic character mapping of discrete traits on phylogenies. <b>2006</b> , 7, 88	561
1976	Human and nonhuman primate brains: Are they allometrically scaled versions of the same design?. <b>2006</b> , 15, 65-77	136
1975	Primate brain evolution: Integrating comparative, neurophysiological, and ethological data. <b>2006</b> , 15, 224-236	130
1974	Inference and analysis of the relative stability of bacterial chromosomes. <b>2006</b> , 23, 513-22	74



1973	Phylogenomic investigation of CR1 LINE diversity in reptiles. <b>2006</b> , 55, 902-11	44
1972	Detecting the node-density artifact in phylogeny reconstruction. <b>2006</b> , 55, 637-43	79
1971	Detecting non-Brownian trait evolution in adaptive radiations. <b>2006</b> , 4, e373	130
1970	Phylogenomic analysis of the L1 retrotransposons in Deuterostomia. <b>2006</b> , 55, 886-901	34
1969	The ancestral distance test: what relatedness can reveal about correlated evolution in large lineages with missing character data and incomplete phylogenies. <b>2006</b> , 55, 803-17	4
1968	An integrative genomic approach to uncover molecular mechanisms of prokaryotic traits. <b>2006</b> , 2, e159	26
1967	Mapping uncertainty and phylogenetic uncertainty in ancestral character state reconstruction: an example in the moss genus <i>Brachytheciastrum</i> . <b>2006</b> , 55, 957-71	45
1966	Comparative analyses of the influence of developmental mode on phenotypic diversification rates in shorebirds. <b>2006</b> , 273, 1619-24	112
1965	Footprints in the sand: independent reduction of subdigital lamellae in the Namib-Kalahari burrowing geckos. <b>2006</b> , 273, 855-64	42
1964	Both social and ecological factors predict ungulate brain size. <b>2006</b> , 273, 207-15	133
1963	Out of Gondwanaland; the evolutionary history of cooperative breeding and social behaviour among crows, magpies, jays and allies. <b>2006</b> , 273, 1117-25	42
1962	NEUTRAL THEORY, PHYLOGENIES, AND THE RELATIONSHIP BETWEEN PHENOTYPIC CHANGE AND EVOLUTIONARY RATES. <b>2006</b> , 60, 476	1
1961	SEX RATIO, LIFE-HISTORY INVARIANTS, AND PATTERNS OF SEX CHANGE IN A FAMILY OF PROTANDROUS GASTROPODS. <b>2006</b> , 60, 735	1
1960	Comparing effect sizes across variables: generalization without the need for Bonferroni correction. <b>2006</b> , 17, 682-687	156
1959	FROM MORE TO FEWER? TESTING AN ALLEGEDLY PERVASIVE TREND IN THE EVOLUTION OF MORPHOLOGICAL STRUCTURE. <b>2006</b> , 60, 1402	
1958	Time, species, and the generation of trait variance in clades. <b>2006</b> , 55, 151-9	47
1957	Phenotypic plasticity in the scaling of avian basal metabolic rate. <b>2006</b> , 273, 931-7	128
1956	Genome size evolution in holoparasitic <i>Orobanche</i> ( <i>Orobanchaceae</i> ) and related genera. <b>2006</b> , 93, 148-156	77

1955	Ancestral state reconstruction of body size in the Caniformia (Carnivora, Mammalia): the effects of incorporating data from the fossil record. <b>2006</b> , 55, 301-13	174
1954	Evolutionary responses of discontinuous gas exchange in insects. <b>2007</b> , 104, 8357-61	81
1953	The primate semicircular canal system and locomotion. <b>2007</b> , 104, 10808-12	272
1952	Null models of geographic range size evolution reaffirm its heritability. <b>2007</b> , 170, 221-31	60
1951	Sexual selection and senescence: male size-dimorphic ungulates evolved relatively smaller molars than females. <b>2007</b> , 170, 370-80	30
1950	Evolution of Microsporogenesis in Palms (Arecaceae). <b>2007</b> , 168, 877-888	8
1949	Phenotypic flexibility in the basal metabolic rate of laughing doves: responses to short-term thermal acclimation. <b>2007</b> , 210, 97-106	80
1948	Performance of the translational apparatus varies with the ecological strategies of bacteria. <b>2007</b> , 189, 3237-45	64
1947	Prevalence of avian influenza and host ecology. <b>2007</b> , 274, 2003-12	77
1946	The evolution of sexual dimorphism in parasitic cuckoos: sexual selection or coevolution?. <b>2007</b> , 274, 1553-60	38
1945	Basal metabolic rate of birds is associated with habitat temperature and precipitation, not primary productivity. <b>2007</b> , 274, 287-93	113
1944	Ecological correlates of extra-group paternity in mammals. <b>2007</b> , 274, 219-24	69
1943	Reconstruction and function of ancestral center-of-tree human immunodeficiency virus type 1 proteins. <b>2007</b> , 81, 8507-14	47
1942	Sperm competition and sperm midpiece size: no consistent pattern in passerine birds. <b>2007</b> , 274, 561-8	80
1941	The Pleasures and Perils of Darwinizing Culture (with Phylogenies). <b>2007</b> , 2, 360-375	155
1940	Overall brain size, and not encephalization quotient, best predicts cognitive ability across non-human primates. <b>2007</b> , 70, 115-24	371
1939	Rensch's rule in insects: patterns among and within species. <b>2007</b> , 60-70	47
1938	Ancestral sequence reconstruction as a tool to understand natural history and guide synthetic biology: realizing and extending the vision of Zuckerkandl and Pauling. <b>2007</b> , 20-33	7

1937	The early days of paleogenetics: connecting molecules to the planet. <b>2007</b> , 3-19	3
1936	A comparative study of the function of heterospecific vocal mimicry in European passerines. <b>2007</b> , 18, 1001-1009	30
1935	Sexual selection and genital evolution in mammals: a phylogenetic analysis of baculum length. <b>2007</b> , 169, 360-9	79
1934	Natural selection on social signals: signal efficacy and the evolution of chameleon display coloration. <b>2007</b> , 170, 916-30	78
1933	The evolution of song in female birds in Europe. <b>2007</b> , 18, 86-96	73
1932	Molecular phylogenetic and embryological evidence that feeding larvae have been reacquired in a marine gastropod. <b>2007</b> , 212, 83-92	54
1931	Sex, Size and Gender Roles. <b>2007</b> ,	328
1930	Environmental complexity and social organization sculpt the brain in Lake Tanganyikan cichlid fish. <b>2007</b> , 70, 21-39	182
1929	Hunting to extinction: biology and regional economy influence extinction risk and the impact of hunting in artiodactyls. <b>2007</b> , 274, 1845-51	54
1928	Only half right: species with female-biased sexual size dimorphism consistently break Rensch's rule. <b>2007</b> , 2, e897	82
1927	Functional Versus Morphological Diversity in Macroevolution. <b>2007</b> , 38, 381-401	242
1926	Selection against spurious promoter motifs correlates with translational efficiency across bacteria. <b>2007</b> , 2, e745	19
1925	Towards a Taxonomically Intelligent Phylogenetic Database. <b>2007</b> ,	
1924	Statistical Reasoning in the Evaluation of Typological Diversity in Island Melanesia. <b>2007</b> , 46, 388-403	12
1923	Phylogenetics of the woodrat genus <i>Neotoma</i> (Rodentia: Muridae): implications for the evolution of phenotypic variation in male external genitalia. <b>2007</b> , 42, 637-52	48
1922	Maternal effects and the evolution of brain size in birds: overlooked developmental constraints. <b>2007</b> , 31, 498-515	20
1921	Macrophylogenetic analyses of the gain and loss of self-incompatibility in the Asteraceae. <b>2007</b> , 173, 401-14	82
1920	Origin of avian genome size and structure in non-avian dinosaurs. <i>Nature</i> , <b>2007</b> , 446, 180-4	50.4 222

1919	Molecular systematics and patterns of morphological evolution in the Centropagidae (Copepoda: Calanoida) of Argentina. <b>2007</b> , 90, 279-292	34
1918	Feeding innovations and parasitism in birds. <b>2007</b> , 90, 441-455	38
1917	Habitat primary production and the evolution of body size within the hartebeest clade. <b>2007</b> , 92, 431-440	16
1916	Egg Rejection and Brain Size among Potential Hosts of the Common Cuckoo. <b>2007</b> , 113, 562-572	14
1915	Molecular phylogenetics and evolutionary analysis of body shape in the genus <i>Cyrtonus</i> (Coleoptera, Chrysomelidae). <b>2007</b> , 45, 317-328	5
1914	Correlated evolution of life history and host range in the nonphotosynthetic parasitic flowering plants <i>Orobanche</i> and <i>Phelipanche</i> (Orobanchaceae). <b>2007</b> , 20, 471-8	52
1913	The evolution of sperm morphometry in pheasants. <b>2007</b> , 20, 1008-14	33
1912	Interspecific variation in egg testosterone levels: implications for the evolution of bird song. <b>2007</b> , 20, 950-64	17
1911	Does predation select for or against avian coloniality? A comparative analysis. <b>2007</b> , 20, 1490-503	43
1910	Punctuated genome size evolution in Liliaceae. <b>2007</b> , 20, 2296-308	74
1909	Insularity and the determinants of lizard population density. <b>2007</b> , 10, 481-9	74
1908	Macroecology, global change and the shadow of forgotten ancestors. <b>2007</b> , 17, 070909153804001-???	3
1907	Scaling of insect metabolic rate is inconsistent with the nutrient supply network model. <b>2007</b> , 21, 282-290	179
1906	Phylogenetic evidence for an animal pathogen origin of ergot and the grass endophytes. <b>2007</b> , 16, 1701-11	189
1905	Abundance-occupancy dynamics in a human dominated environment: linking interspecific and intraspecific trends in British farmland and woodland birds. <b>2007</b> , 76, 123-34	56
1904	Social and environmental influences on egg size evolution in frogs. <b>2007</b> , 271, 225-232	28
1903	MOLECULAR PALAEOBIOLOGY. <b>2007</b> , 50, 775-809	64
1902	Evolutionary dynamics of vertebrate body mass range. <b>2007</b> , 61, 685-93	11

1901	Biogeographical basis of recent phenotypic divergence among birds: a global study of subspecies richness. <b>2007</b> , 61, 942-57	48
1900	A phylogenetic perspective on elevational species richness patterns in Middle American treefrogs: why so few species in lowland tropical rainforests?. <b>2007</b> , 61, 1188-207	103
1899	Nonuniform processes of chromosome evolution in sedges (Carex: Cyperaceae). <b>2007</b> , 61, 2175-94	70
1898	Evidence for coevolution of sociality and relative brain size in three orders of mammals. <b>2007</b> , 61, 2811-21	151
1897	Asymmetries in phylogenetic diversification and character change can be untangled. <b>2008</b> , 62, 241-7	20
1896	Comparative tests of ectoparasite species richness in seabirds. <b>2007</b> , 7, 227	35
1895	Assembly rules for protein networks derived from phylogenetic-statistical analysis of whole genomes. <b>2007</b> , 7 Suppl 1, S16	12
1894	DNA barcoding: how it complements taxonomy, molecular phylogenetics and population genetics. <b>2007</b> , 23, 167-72	765
1893	Congruence of morphological and molecular phylogenies. <b>2007</b> , 55, 269-81	60
1892	Testosterone and melanin-based black plumage coloration: a comparative study. <b>2008</b> , 62, 1229-1238	72
1891	Power and metabolic scope of bird flight: a phylogenetic analysis of biomechanical predictions. <b>2008</b> , 194, 685-91	9
1890	Phenotypic flexibility in basal metabolic rate and the changing view of avian physiological diversity: a review. <b>2008</b> , 178, 235-47	181
1889	Opening the Black Box—The Genetic and Biochemical Basis of Eye Evolution. <b>2008</b> , 1, 390-402	11
1888	The shrunken genome of Arabidopsis thaliana. <b>2008</b> , 273, 257-271	33
1887	The evolution of sperm ultrastructure among Boidae (Serpentes). <b>2008</b> , 127, 189-202	12
1886	How many species of cichlid fishes are there in African lakes?. <b>2001</b> , 10, 793-806	246
1885	The semicircular canal system and locomotion: The case of extinct lemuroids and lorisooids. <b>2008</b> , 17, 135-145	95
1884	Assessing phylogenetic dependence of morphological traits using co-inertia prior to investigate character evolution in Loricariinae catfishes. <b>2008</b> , 46, 986-1002	26

1883	What use is an infertile sperm? A comparative study of sperm-heteromorphic <i>Drosophila</i> . <b>2008</b> , 62, 374-85	33
1882	Intraspecific variation in sperm length is negatively related to sperm competition in passerine birds. <b>2008</b> , 62, 494-9	107
1881	Evolutionary links between reproductive morphology, ecology and mating behavior in opisthobranch gastropods. <b>2008</b> , 62, 900-16	34
1880	Phylogenetic analysis of the ecology and evolution of mammalian sleep. <b>2008</b> , 62, 1764-76	120
1879	Increased postcopulatory sexual selection reduces the intramale variation in sperm design. <b>2008</b> , 62, 1538-43	92
1878	Patterns of endemism and species richness in Malagasy cophyline frogs support a key role of mountainous areas for speciation. <b>2008</b> , 62, 1890-907	122
1877	Sexual selection determines parental care patterns in cichlid fishes. <b>2008</b> , 62, 2015-26	74
1876	Detection of "punctuated equilibrium" by bayesian estimation of speciation and extinction rates, ancestral character states, and rates of anagenetic and cladogenetic evolution on a molecular phylogeny. <b>2008</b> , 62, 2718-26	87
1875	Continuous and arrested morphological diversification in sister clades of characiform fishes: a phylomorphospace approach. <b>2008</b> , 62, 3135-56	289
1874	Adaptive evolution of cryptic coloration: the shape of host plants and dorsal stripes in <i>Timema</i> walking-sticks. <b>2008</b> , 94, 1-5	16
1873	Sexual selection, sexual size dimorphism and Rensch's rule in Odonata. <b>2008</b> , 21, 1259-73	55
1872	Allometric scaling of maximum metabolic rate: the influence of temperature. <b>2008</b> , 22, 616-623	26
1871	Sperm competition and the evolution of testes size in terrestrial mammalian carnivores. <b>2008</b> , 22, 655-662	25
1870	The age of the grasses and clusters of origins of C4 photosynthesis. <b>2008</b> , 14, 2963-2977	242
1869	<i>Drosophila</i> chemoreceptor gene evolution: selection, specialization and genome size. <b>2008</b> , 17, 1648-57	94
1868	Accelerated rates of floral evolution at the upper size limit for flowers. <b>2008</b> , 18, 1508-13	32
1867	The primate subarcuate fossa and its relationship to the semicircular canals part II: adult interspecific variation. <b>2008</b> , 55, 326-39	25
1866	Endocranial volumes of primate species: scaling analyses using a comprehensive and reliable data set. <b>2008</b> , 55, 967-78	217

1865	Relating traits to diversification: a simple test. <b>2008</b> , 172, 102-15	63
1864	Phylogenetic Approaches to the Study of Extinction. <b>2008</b> , 39, 301-319	145
1863	Evolution of avian plumage color in a tetrahedral color space: a phylogenetic analysis of new world buntings. <b>2008</b> , 171, 755-76	298
1862	Comparative Studies of RNA Virus Evolution. <b>2008</b> , 119-134	8
1861	Evolutionary analyses of European H1N2 swine influenza A virus by placing timestamps on the multiple reassortment events. <b>2008</b> , 131, 271-8	21
1860	Sexually selected traits predict patterns of species richness in a diverse clade of suboscine birds. <b>2008</b> , 171, 620-31	97
1859	Morphometrics of the avian small intestine compared with that of nonflying mammals: a phylogenetic approach. <b>2008</b> , 81, 526-50	221
1858	Extant mammal body masses suggest punctuated equilibrium. <b>2008</b> , 275, 2195-9	54
1857	The tempo and mode of three-dimensional morphological evolution in male reproductive structures. <b>2008</b> , 171, E158-78	120
1856	The dynamic ups and downs of genome size evolution in Brassicaceae. <b>2009</b> , 26, 85-98	130
1855	Modelling heterotachy in phylogenetic inference by reversible-jump Markov chain Monte Carlo. <b>2008</b> , 363, 3955-64	57
1854	Parental conflict in birds: comparative analyses of offspring development, ecology and mating opportunities. <b>2008</b> , 275, 301-7	62
1853	Three tiers of genome evolution in reptiles. <b>2008</b> , 48, 494-504	42
1852	Phylogenetic signal, evolutionary process, and rate. <b>2008</b> , 57, 591-601	548
1851	Latitudinal distribution, migration, and testosterone levels in birds. <b>2008</b> , 172, 533-46	53
1850	The island rule: made to be broken?. <b>2008</b> , 275, 141-8	190
1849	GEIGER: investigating evolutionary radiations. <b>2008</b> , 24, 129-31	1770
1848	Crowding, sex ratio and horn evolution in a South African beetle community. <b>2008</b> , 275, 315-21	39

1847	Phylogenetic escalation and decline of plant defense strategies. <b>2008</b> , 105, 10057-60	139
1846	Building trees of algae: some advances in phylogenetic and evolutionary analysis. <b>2008</b> , 43, 229-252	42
1845	Phylogenetic mixture models can reduce node-density artifacts. <b>2008</b> , 57, 286-93	25
1844	A distance metric for a class of tree-sibling phylogenetic networks. <b>2008</b> , 24, 1481-8	41
1843	Laboratory model of adaptive radiation: a selection experiment in the bank vole. <b>2008</b> , 81, 627-40	62
1842	Sensory ecology on the high seas: the odor world of the procellariiform seabirds. <b>2008</b> , 211, 1706-13	155
1841	A comparative study in ancestral range reconstruction methods: retracing the uncertain histories of insular lineages. <b>2008</b> , 57, 693-707	88
1840	PCCA: a program for phylogenetic canonical correlation analysis. <b>2008</b> , 24, 1018-20	53
1839	Temporal patterns of gastropod egg mass deposition on southeastern Australian shores. <b>2008</b> , 59, 457	4
1838	The Austronesian Basic Vocabulary Database: from bioinformatics to lexomics. <b>2008</b> , 4, 271-83	98
1837	Evolutionary Patterns Within Fossil Lineages: Model-Based Assessment of Modes, Rates, Punctuations and Process. <b>2008</b> , 14, 117-131	10
1836	Environment, migratory tendency, phylogeny and basal metabolic rate in birds. <b>2008</b> , 3, e3261	76
1835	A comparison of phylogenetic network methods using computer simulation. <b>2008</b> , 3, e1913	87
1834	I.16 Phylogenetics and Comparative Methods. <b>2009</b> , 117-125	1
1833	Modeling body size evolution in Felidae under alternative phylogenetic hypotheses. <b>2009</b> , 32, 170-6	9
1832	Metrics for phylogenetic networks I: generalizations of the Robinson-Foulds metric. <b>2009</b> , 6, 46-61	37
1831	Female promiscuity promotes the evolution of faster sperm in cichlid fishes. <b>2009</b> , 106, 1128-32	199
1830	Macroevolution and the biological diversity of plants and herbivores. <b>2009</b> , 106, 18054-61	403



1829	Evidence for adaptive radiation from a phylogenetic study of plant defenses. <b>2009</b> , 106, 18067-72	111
1828	Begging and cowbirds: brood parasites make hosts scream louder. <b>2009</b> , 20, 215-221	16
1827	Reconstruction of the climate envelopes of salamanders and their evolution through time. <b>2009</b> , 106 Suppl 2, 19715-22	40
1826	Copulation Duration in Nonterritorial Odonate Species Lasts Longer Than in Territorial Species. <b>2009</b> , 102, 694-701	8
1825	Loudness of syllables is related to syntax and phonology in the songs of canaries and seedeaters. <b>2009</b> , 146, 1649-1663	10
1824	A phylogenetic mixture model for the evolution of gene expression. <b>2009</b> , 26, 2363-72	10
1823	Genome size in Hieracium subgenus Hieracium (Asteraceae) is strongly correlated with major phylogenetic groups. <b>2009</b> , 104, 161-78	49
1822	Maternal effects mediated by antioxidants and the evolution of carotenoid-based signals in birds. <b>2009</b> , 174, 696-708	35
1821	Prevalence of avian influenza and sexual selection in ducks. <b>2009</b> , 20, 1289-1294	2
1820	Macroevolutionary patterns of defense and pollination in Dalechampia vines: adaptation, exaptation, and evolutionary novelty. <b>2009</b> , 106, 18085-90	66
1819	Macroevolutionary chemical escalation in an ancient plant-herbivore arms race. <b>2009</b> , 106, 18062-6	118
1818	Social structure influences extra-pair paternity in socially monogamous mammals. <b>2009</b> , 5, 313-6	66
1817	Matrilocal residence is ancestral in Austronesian societies. <b>2009</b> , 276, 1957-64	141
1816	Does horizontal transmission invalidate cultural phylogenies?. <b>2009</b> , 276, 2299-306	97
1815	Ecological selection pressures for C4 photosynthesis in the grasses. <b>2009</b> , 276, 1753-60	123
1814	Sauropod dinosaurs evolved moderately sized genomes unrelated to body size. <b>2009</b> , 276, 4303-8	18
1813	Vertical adaptive radiation in ocean Prochlorococcus: Evolutionary implications of the Chl b/a ratio from molecular evidence. <b>2009</b> , 19, 1561-1568	1
1812	How can your parasites become your allies?. <b>2009</b> , 25, 62-6	45

1811	Semicircular canal system in early primates. <b>2009</b> , 56, 315-27	100
1810	Brain structure evolution in a basal vertebrate clade: evidence from phylogenetic comparative analysis of cichlid fishes. <b>2009</b> , 9, 238	57
1809	Sexual selection does not influence minisatellite mutation rate. <b>2009</b> , 9, 5	5
1808	Correlated evolution of nucleotide substitution rates and allelic variation in Mhc-DRB lineages of primates. <b>2009</b> , 9, 73	7
1807	Distinguishing between male and territory quality: females choose multiple traits in the pied flycatcher. <b>2009</b> , 78, 1051-1060	61
1806	Evidence for a tradeoff between retention time and chewing efficiency in large mammalian herbivores. <b>2009</b> , 154, 376-82	75
1805	Correlates of viral richness in bats (order Chiroptera). <b>2009</b> , 6, 522-39	62
1804	The evolution of habitat specialisation in a group of marine triplefin fishes. <b>2009</b> , 23, 557-568	7
1803	Why some rails have white tails: the evolution of white undertail plumage and anti-predator signaling. <b>2009</b> , 23, 943-961	15
1802	Body-form Evolution in the Scincid Lizard Clade <i>Lerista</i> and the Mode of Macroevolutionary Transitions. <b>2009</b> , 36, 292-300	18
1801	Sperm design and variation in the New World blackbirds (Icteridae). <b>2009</b> , 63, 899-909	56
1800	Diet predicts intestine length in Lake Tanganyika cichlid fishes. <b>2009</b> , 23, 1122-1131	118
1799	Ecomorphological predictors of natal dispersal distances in birds. <b>2009</b> , 78, 388-95	75
1798	Seed mass, abundance and breeding system among tropical forest species: do dioecious species exhibit compensatory reproduction or abundances?. <b>2009</b> , 97, 555-566	34
1797	Phylogenetic endemism: a new approach for identifying geographical concentrations of evolutionary history. <b>2009</b> , 18, 4061-72	278
1796	Do arms races punctuate evolutionary stasis? Unified insights from phylogeny, phylogeography and microevolutionary processes. <b>2009</b> , 18, 3940-54	17
1795	Bridging the gap between community ecology and historical biogeography: niche conservatism and community structure in emydid turtles. <b>2009</b> , 18, 4664-79	52
1794	Human language as a culturally transmitted replicator. <b>2009</b> , 10, 405-15	131

1793	Chick growth rates in Charadriiformes: comparative analyses of breeding climate, development mode and parental care. <b>2009</b> , 40, 553-558	13
1792	Directional evolution of stockiness coevolves with ecology and locomotion in lizards. <b>2009</b> , 63, 215-27	25
1791	Sperm competition selects beyond relative testes size in birds. <b>2009</b> , 63, 391-402	85
1790	Phylogenetic trends in phenolic metabolism of milkweeds ( <i>Asclepias</i> ): evidence for escalation. <b>2009</b> , 63, 663-73	92
1789	Genetic distance between species predicts novel trait expression in their hybrids. <b>2009</b> , 63, 884-97	145
1788	Phylogenetic analysis of the evolutionary correlation using likelihood. <b>2009</b> , 63, 1090-100	96
1787	Adaptive population divergence in cryptic color-pattern following a reduction in gene flow. <b>2009</b> , 63, 1902-12	61
1786	Distinct evolutionary patterns of brain and body size during adaptive radiation. <b>2009</b> , 63, 2266-74	45
1785	Comparative evidence for the evolution of sperm swimming speed by sperm competition and female sperm storage duration in passerine birds. <b>2009</b> , 63, 2466-73	107
1784	Phylogenetically informed analysis of the allometry of Mammalian Basal metabolic rate supports neither geometric nor quarter-power scaling. <b>2009</b> , 63, 2658-67	129
1783	Sexual selection is involved in speciation in a land snail radiation on crete. <b>2009</b> , 63, 2535-46	48
1782	The macroevolutionary dynamics of ant diversification. <b>2009</b> , 63, 3023-30	21
1781	Size-correction and principal components for interspecific comparative studies. <b>2009</b> , 63, 3258-68	554
1780	How does ecological opportunity influence rates of speciation, extinction, and morphological diversification in New World ratsnakes (tribe Lampropeltini)?. <b>2010</b> , 64, 934-43	76
1779	Adaptive modifications of carapace outlines in the Cytheroidea (Ostracoda: Crustacea). <b>2009</b> , 97, 810-821	18
1778	The evolution of sex pheromones in an ecologically diverse genus of flies. <b>2009</b> , 97, 594-603	45
1777	Phylogeny, biogeography, and recurrent evolution of divergent bill types in the nectar-stealing flowerpiercers (Thraupini: <i>Diglossa</i> and <i>Diglossopsis</i> ). <b>2009</b> , 98, 14-28	33
1776	Patterns of self compatibility, inbreeding depression, outcrossing, and sex allocation in a marine bryozoan suggest the predominating influence of sperm competition. <b>2009</b> , 98, 519-531	9

1775	Evolution of female sperm-storage organs in the carrefour of stylommatophoran gastropods. <b>2009</b> , 47, 49-60	28
1774	Sexual selection and ecological generalism are correlated in antbirds. <b>2009</b> , 22, 623-36	21
1773	Are parental care trade-offs in shorebirds driven by parental investment or sexual selection?. <b>2009</b> , 22, 672-82	12
1772	What factors shape rates of phenotypic evolution? A comparative study of cranial morphology of four mammalian clades. <b>2009</b> , 22, 1024-35	36
1771	The seven deadly sins of comparative analysis. <b>2009</b> , 22, 1367-75	228
1770	Assessing concurrent patterns of environmental niche and morphological evolution among species of horned lizards (Phrynosoma). <b>2009</b> , 22, 1669-78	21
1769	Evolution of sexual size dimorphism in grouse and allies (Aves: Phasianidae) in relation to mating competition, fecundity demands and resource division. <b>2009</b> , 22, 1895-905	23
1768	Phylogeny and evolution of sexually selected tail ornamentation in widowbirds and bishops (Euplectes spp.). <b>2009</b> , 22, 2068-76	10
1767	Connecting behaviour and performance: the evolution of biting behaviour and bite performance in bats. <b>2009</b> , 22, 2131-45	60
1766	Sperm competition and the evolution of the sperm hook in house mice. <b>2009</b> , 22, 2505-11	30
1765	Geographical variation in predictors of mammalian extinction risk: big is bad, but only in the tropics. <b>2009</b> , 12, 538-49	435
1764	Fossils provide better estimates of ancestral body size than do extant taxa in fishes. <b>2009</b> , 90, 357-384	32
1763	Macroecology meets macroevolution: evolutionary niche dynamics in the seaweed <i>Halimeda</i> . <b>2009</b> , 18, 393-405	84
1762	Comparative studies of brain evolution: a critical insight from the Chiroptera. <b>2009</b> , 84, 161-72	43
1761	Phylogenetic ecology of leaf surface traits in the milkweeds ( <i>Asclepias</i> spp.): chemistry, ecophysiology, and insect behavior. <b>2009</b> , 183, 848-867	88
1760	The relative roles of vicariance versus elevational gradients in the genetic differentiation of the high Andean tree frog, <i>Dendropsophus labialis</i> . <b>2009</b> , 50, 84-92	44
1759	Breeding systems, climate, and the evolution of migration in shorebirds. <b>2009</b> , 20, 1026-1033	18
1758	Duration and consistency of historical selection are correlated with adaptive trait evolution in the streamside salamander, <i>Ambystoma barbouri</i> . <b>2009</b> , 63, 2636-47	5

1757	Phylogenetic and trait similarity to a native species predict herbivory on non-native oaks. <b>2009</b> , 106, 18097-102178	
1756	Hormonal and Pheromonal Modulation of the Extended Amygdala: Implications for Social Behavior. <b>2009</b> , 441-474	2
1755	Sperm morphology and sperm velocity in passerine birds. <b>2009</b> , 276, 1175-81	153
1754	Ecology predicts levels of genetic differentiation in neotropical birds. <b>2009</b> , 174, 358-68	191
1753	Insect rate-temperature relationships: environmental variation and the metabolic theory of ecology. <b>2009</b> , 174, 819-35	122
1752	Bacterial gut symbionts are tightly linked with the evolution of herbivory in ants. <b>2009</b> , 106, 21236-41	233
1751	Conservatism and diversification of plant functional traits: Evolutionary rates versus phylogenetic signal. <b>2009</b> , 106 Suppl 2, 19699-706	252
1750	Stress response and the value of reproduction: are birds prudent parents?. <b>2009</b> , 173, 589-98	226
1749	Phylogenetic Methods in Ecology. <b>2009</b> ,	2
1748	Meta-analysis and the comparative phylogenetic method. <b>2009</b> , 174, 369-81	116
1747	Macrophysiology: a conceptual reunification. <b>2009</b> , 174, 595-612	244
1746	Regulatory evolution of a duplicated heterodimer across species and tissues of allopolyploid clawed frogs ( <i>Xenopus</i> ). <b>2009</b> , 68, 236-47	9
1745	Space versus phylogeny: disentangling phylogenetic and spatial signals in comparative data. <b>2009</b> , 276, 21-30	151
1744	Cardenolides, induced responses, and interactions between above- and belowground herbivores of milkweed ( <i>Asclepias</i> spp.). <b>2009</b> , 90, 2393-404	55
1743	Morphological diversification in different trematode lineages: body size, host type, or time?. <b>2009</b> , 136, 85-92	5
1742	Estimated evolutionary tempo of East Asian gobionid fishes (Teleostei: Cyprinidae) from mitochondrial DNA sequence data. <b>2010</b> , 55, 1501-1510	12
1741	Cats and Dogs Down the Tree: The Tempo and Mode of Evolution in the Lower Carnassial of Fossil and Living Carnivora. <b>2010</b> , 37, 177-186	42
1740	Community convergence in bird song. <b>2010</b> , 24, 447-461	41

1739	Phylogenetic analysis of the latitude-niche breadth hypothesis in the butterfly subfamily Nymphalinae. <b>2010</b> , 35, 768-774	7
1738	Evolution of embryonic developmental period in the marine bird families Alcidae and Spheniscidae: roles for nutrition and predation?. <b>2010</b> , 10, 179	4
1737	Evolution of female carotenoid coloration by sexual constraint in Carduelis finches. <b>2010</b> , 10, 82	15
1736	Which birds adjust the frequency of vocalizations in urban noise?. <b>2010</b> , 79, 863-867	102
1735	The 10kTrees website: A new online resource for primate phylogeny. <b>2010</b> , 19, 114-118	460
1734	Phylogeny, historical biogeography and body size evolution in Pacific Island Crocodile skinks <i>Tribolonotus</i> (Squamata; Scincidae). <b>2010</b> , 57, 227-36	15
1733	Karyotype stability and predictors of chromosome number variation in sedges: a study in <i>Carex</i> section <i>Spirostachyae</i> (Cyperaceae). <b>2010</b> , 57, 353-63	24
1732	The evolution of autodigestion in the mushroom family <i>Psathyrellaceae</i> (Agaricales) inferred from Maximum Likelihood and Bayesian methods. <b>2010</b> , 57, 1037-48	19
1731	Reconstructing the ups and downs of primate brain evolution: implications for adaptive hypotheses and <i>Homo floresiensis</i> . <b>2010</b> , 8, 9	71
1730	Effects of sample size and intraspecific variation in phylogenetic comparative studies: a meta-analytic review. <b>2010</b> , 85, 797-805	115
1729	Deep evolutionary roots of strepsirrhine primate labyrinthine morphology. <b>2010</b> , 216, 368-80	72
1728	Using phylogenetics to detect pollinator-mediated floral evolution. <b>2010</b> , 188, 354-63	56
1727	Stabilizing selection on genome size in a population of <i>Festuca pallens</i> under conditions of intensive intraspecific competition. <b>2010</b> , 187, 1195-1204	22
1726	Selectivity in mammalian extinction risk and threat types: a new measure of phylogenetic signal strength in binary traits. <b>2010</b> , 24, 1042-51	513
1725	A role for nonadaptive processes in plant genome size evolution?. <b>2010</b> , 64, 2097-109	61
1724	Discovering exceptional diversifications at continental scales: the case of the endemic families of neotropical suboscine passerines. <b>2010</b> , 64, 2004-19	40
1723	An integrative test of the dead-end hypothesis of selfing evolution in <i>Triticeae</i> (Poaceae). <b>2010</b> , 64, 2855-72	60
1722	Song divergence by sensory drive in Amazonian birds. <b>2010</b> , 64, 2820-39	119

1721	Spring migration decisions in relation to weather are predicted by wing morphology among trans-Mediterranean migratory birds. <b>2010</b> , 24, 658-669		26
1720	Life history predicts advancement of avian spring migration in response to climate change. <b>2010</b> , 16, 1-11		79
1719	Canopy seed storage is associated with sexual dimorphism in the woody dioecious genus <i>Leucadendron</i> . <b>2010</b> , 98, 509-515		38
1718	Scaling of basal metabolic rate with body mass and temperature in mammals. <b>2010</b> , 79, 610-9		131
1717	Ecological interactions are evolutionarily conserved across the entire tree of life. <i>Nature</i> , <b>2010</b> , 465, 918-21	50.4	156
1716	Promiscuity and the evolutionary transition to complex societies. <i>Nature</i> , <b>2010</b> , 466, 969-72	50.4	277
1715	Rise and fall of political complexity in island South-East Asia and the Pacific. <i>Nature</i> , <b>2010</b> , 467, 801-4	50.4	177
1714	Nanoscience: Dark-hot resonances. <i>Nature</i> , <b>2010</b> , 467, 541-2	50.4	77
1713	Sociology: political evolution. <i>Nature</i> , <b>2010</b> , 467, 798-9	50.4	1
1712	Correction. <i>Nature</i> , <b>2010</b> , 467, 799-799	50.4	1
1711	Evolution of the cercal sensory system in a tropical cricket clade (Orthoptera: Grylloidea: Eneopterinae): a phylogenetic approach. <b>2010</b> , 99, 614-631		5
1710	Phylogeny, diversification patterns and historical biogeography of euglossine orchid bees (Hymenoptera: Apidae). <b>2010</b> , 100, 552-572		90
1709	Long-distance call evolution in the Felidae: effects of body weight, habitat, and phylogeny. <b>2010</b> , 101, 487-500		22
1708	Biogeography of the grasses (Poaceae): a phylogenetic approach to reveal evolutionary history in geographical space and geological time. <b>2010</b> , 162, 543-557		158
1707	Niche conservatism as an emerging principle in ecology and conservation biology. <b>2010</b> , 13, 1310-24		1081
1706	Phylogenetic autocorrelation and heritability of geographic range size, shape and position of fiddler crabs, genus <i>Uca</i> (Crustacea, Decapoda). <b>2010</b> , 48, 102-108		11
1705	Loudness of birdsong is related to the body size, syntax and phonology of passerine species. <b>2010</b> , 23, 212-9		21
1704	Nestling coloration is adjusted to parent visual performance in altricial birds irrespective of assumptions on vision system for Laniidae and owls, a reply to Renoult et al. <b>2010</b> , 23, 226-30		3

1703	General quantitative genetic methods for comparative biology: phylogenies, taxonomies and multi-trait models for continuous and categorical characters. <b>2010</b> , 23, 494-508	524
1702	Why birds eat colourful grit: colour preferences revealed by the colour of gizzard stones. <b>2010</b> , 23, 509-17	8
1701	Wing pointedness associated with migratory distance in common-garden and comparative studies of stonechats ( <i>Saxicola torquata</i> ). <b>2010</b> , 23, 1050-63	67
1700	Sexual dimorphism in primate aerobic capacity: a phylogenetic test. <b>2010</b> , 23, 1183-94	37
1699	Little evidence for Cope's rule from Bayesian phylogenetic analysis of extant mammals. <b>2010</b> , 23, 2017-21	25
1698	Sex-related variation in migration phenology in relation to sexual dimorphism: a test of competing hypotheses for the evolution of protandry. <b>2010</b> , 23, 2054-65	37
1697	Phylogenetic comparative approaches for studying niche conservatism. <b>2010</b> , 23, 2529-39	129
1696	Recent advances in comparative methods. 110-126	3
1695	Intercontinentally disjunct species are derived rather than relictual in the moss genus <i>Daltonia</i> (Bryophyta). <b>2010</b> , 59, 459-465	8
1694	Genome Size Dynamics and Evolution in Monocots. <b>2010</b> , 2010, 1-18	42
1693	The number of cultural traits is correlated with female group size but not with male group size in chimpanzee communities. <b>2010</b> , 5, e9241	25
1692	Evolutionary divergence in brain size between migratory and resident birds. <b>2010</b> , 5, e9617	57
1691	Sibling competition and conspicuousness of nestling gapes in altricial birds: a comparative study. <b>2010</b> , 5, e10509	19
1690	Paleotemperature proxies from leaf fossils reinterpreted in light of evolutionary history. <b>2010</b> , 5, e15161	83
1689	Ecology of plant speciation. <b>2010</b> , 59, 1326-1366	189
1688	Models and Methods for Analyzing Phenotypic Evolution in Lineages and Clades. <b>2010</b> , 16, 245-269	27
1687	A test of the sympatric host race formation hypothesis in <i>Neodiprion</i> (Hymenoptera: Diprionidae). <b>2010</b> , 277, 3131-8	17
1686	Plausibility of inferred ancestral phenotypes and the evaluation of alternative models of limb evolution in scincid lizards. <b>2010</b> , 6, 354-8	12



1685	Parallel evolution of opsin gene expression in African cichlid fishes. <b>2010</b> , 27, 2839-54	79
1684	adephylo: new tools for investigating the phylogenetic signal in biological traits. <b>2010</b> , 26, 1907-9	242
1683	Phylogenetic Signal of Threatening Processes among Hylids: The Need for Clade-Level Conservation Planning. <b>2010</b> , 2, 142-162	4
1682	Epidemic disease decimates amphibian abundance, species diversity, and evolutionary history in the highlands of central Panama. <b>2010</b> , 107, 13777-82	262
1681	Evolutionary trade-offs in plants mediate the strength of trophic cascades. <b>2010</b> , 327, 1642-4	101
1680	Count: evolutionary analysis of phylogenetic profiles with parsimony and likelihood. <b>2010</b> , 26, 1910-2	259
1679	Deep phylogeny--how a tree can help characterize early life on Earth. <b>2010</b> , 2, a002238	42
1678	Parental care trade-offs and life-history relationships in insects. <b>2010</b> , 176, 212-26	55
1677	Phylogenetic targeting of research effort in evolutionary biology. <b>2010</b> , 176, 601-12	28
1676	A quantitative and statistically robust method for the determination of xylem conduit spatial distribution. <b>2010</b> , 97, 1247-59	19
1675	Phylogeny and metabolic scaling in mammals. <b>2010</b> , 91, 2783-93	111
1674	Species differences in executive function correlate with hippocampus volume and neocortex ratio across nonhuman primates. <b>2010</b> , 124, 252-260	77
1673	Occupancy, range size, and phylogeny in Eurasian Pliocene to Recent large mammals. <b>2010</b> , 36, 399-414	37
1672	Sperm length variation as a predictor of extrapair paternity in passerine birds. <b>2010</b> , 5, e13456	66
1671	Incorporating clade identity in analyses of phylogenetic community structure: an example with hummingbirds. <b>2010</b> , 176, 573-87	34
1670	Molecular paleoscience: systems biology from the past. <b>2007</b> , 75, 1-132, xi	32
1669	Phylogeny, niche conservatism and the latitudinal diversity gradient in mammals. <b>2010</b> , 277, 2131-8	188
1668	Is horizontal transmission really a problem for phylogenetic comparative methods? A simulation study using continuous cultural traits. <b>2010</b> , 365, 3903-12	38

1667	The shape and temporal dynamics of phylogenetic trees arising from geographic speciation. <b>2010</b> , 59, 660-73	112
1666	Phylogenetic Insights on Adaptive Radiation. <b>2010</b> , 41, 251-270	224
1665	Patterns of hybridization in plants. <b>2010</b> , 12, 175-182	154
1664	Origins of spatial, temporal and numerical cognition: Insights from comparative psychology. <b>2010</b> , 14, 552-60	47
1663	Genome evolution in Reptilia, the sister group of mammals. <b>2010</b> , 11, 239-64	67
1662	Who cares? Quantifying the evolution of division of parental effort. <b>2010</b> , 1, 221-230	15
1661	Phylogenetic signal and linear regression on species data. <b>2010</b> , 1, 319-329	558
1660	Encephalization is not a universal macroevolutionary phenomenon in mammals but is associated with sociality. <b>2010</b> , 107, 21582-6	142
1659	Co-evolution is incompatible with the Markov assumption in phylogenetics. <b>2011</b> , 8, 1667-70	3
1658	Phylogenetic inference of reciprocal effects between geographic range evolution and diversification. <b>2011</b> , 60, 451-65	278
1657	Controlling for non-independence in comparative analysis of patterns across populations within species. <b>2011</b> , 366, 1410-24	106
1656	Nonrandom variation in within-species sample size and missing data in phylogenetic comparative studies. <b>2011</b> , 60, 876-80	44
1655	Primate prefrontal cortex evolution: human brains are the extreme of a lateralized ape trend. <b>2011</b> , 77, 67-78	90
1654	Global patterns of fragmentation and connectivity of mammalian carnivore habitat. <b>2011</b> , 366, 2642-51	187
1653	Birdsong performance and the evolution of simple (rather than elaborate) sexual signals. <b>2011</b> , 178, 679-86	53
1652	Our Social Roots: How Local Ecology Shapes Our Social Structures. <b>2011</b> , 39-54	4
1651	The comparative ecology and biogeography of parasites. <b>2011</b> , 366, 2379-90	66
1650	Predicting how populations decline to extinction. <b>2011</b> , 366, 2577-86	77

1649	Geographic location and phylogeny are the main determinants of the size of the geographical range in aquatic beetles. <b>2011</b> , 11, 344		38
1648	Stepwise evolution of stable sociality in primates. <i>Nature</i> , <b>2011</b> , 479, 219-22	50.4	219
1647	Comparative methods as a statistical fix: the dangers of ignoring an evolutionary model. <b>2011</b> , 178, E10-7		68
1646	Placentation and maternal investment in mammals. <b>2011</b> , 177, 86-98		59
1645	Evolution of specialization: a phylogenetic study of host range in the red milkweed beetle ( <i>Tetraopes tetraophthalmus</i> ). <b>2011</b> , 177, 728-37		59
1644	Essential Building Blocks of Human Nature. <b>2011</b> ,		
1643	Abundance and pest classification of scolytid species (Coleoptera: Curculionidae, Scolytinae) follow different patterns. <b>2011</b> , 262, 1887-1894		26
1642	Phylogenetic conservatism of environmental niches in mammals. <b>2011</b> , 278, 2384-91		105
1641	Why the leopard got its spots: relating pattern development to ecology in felids. <b>2011</b> , 278, 1373-80		78
1640	Toward a quantitative understanding of viral phylogeography. <b>2011</b> , 1, 423-9		56
1639	Mating system, feeding type and ex situ conservation effort determine life expectancy in captive ruminants. <b>2011</b> , 278, 2076-80		46
1638	DNA sampling from eggshell swabbing is widely applicable in wild bird populations as demonstrated in 23 species. <b>2011</b> , 11, 481-93		21
1637	Multiple routes to mammalian diversity. <i>Nature</i> , <b>2011</b> , 479, 393-6	50.4	209
1636	Climatic predictors of temperature performance curve parameters in ectotherms imply complex responses to climate change. <b>2011</b> , 177, 738-51		306
1635	Phylogenetically clustered extinction risks do not substantially prune the Tree of Life. <b>2011</b> , 6, e23528		28
1634	Expensive Brains: "Brainy" Rodents have Higher Metabolic Rate. <b>2011</b> , 3, 2		6
1633	Origins of Spatial, Temporal, and Numerical Cognition. <b>2011</b> , 191-206		1
1632	The relationship between diet breadth and geographic range size in the butterfly subfamily Nymphalinae—a study of global scale. <b>2011</b> , 6, e16057		34

1631	Effects of the distribution of female primates on the number of males. <b>2011</b> , 6, e19853	28
1630	Protein amino acid composition: a genomic signature of encephalization in mammals. <b>2011</b> , 6, e27261	3
1629	Reproductive biology and its impact on body size: comparative analysis of mammalian, avian and dinosaurian reproduction. <b>2011</b> , 6, e28442	31
1628	The evolution of multi-component visual signals in darters (genus <i>Etheostoma</i> ). <b>2011</b> , 57, 125-139	30
1627	Parasite-mediated evolution of the functional part of the MHC in primates. <b>2011</b> , 24, 184-95	22
1626	Paleogenomic data suggest mammal-like genome size in the ancestral amniote and derived large genome size in amphibians. <b>2011</b> , 24, 372-80	45
1625	Evolution of cuticular hydrocarbon diversity in ants. <b>2011</b> , 24, 1188-98	64
1624	Migratory divides and their consequences for dispersal, population size and parasite-host interactions. <b>2011</b> , 24, 1744-55	41
1623	Increased copulation duration before ejaculate transfer is associated with larger spermatophores, and male genital titillators, across bushcricket taxa. <b>2011</b> , 24, 1960-8	24
1622	Rates of phenotypic evolution of ecological characters and sexual traits during the Tanganyikan cichlid adaptive radiation. <b>2011</b> , 24, 2378-88	22
1621	Latitudinal patterns in plant defense: evolution of cardenolides, their toxicity and induction following herbivory. <b>2011</b> , 14, 476-83	159
1620	Phylogenetic origins of local-scale diversity patterns and the causes of Amazonian megadiversity. <b>2011</b> , 14, 643-52	112
1619	Rarity, life history and scaling of the dynamics in time and space of British birds. <b>2011</b> , 80, 215-24	21
1618	Beyond species: functional diversity and the maintenance of ecological processes and services. <b>2011</b> , 48, 1079-1087	1107
1617	Climatic niche conservatism and the evolutionary dynamics in species range boundaries: global congruence across mammals and amphibians. <b>2011</b> , 38, 2237-2247	66
1616	Current trends in the evolutionary ecology of plant defence. <b>2011</b> , 25, 420-432	334
1615	Do photobionts influence the ecology of lichens? A case study of environmental preferences in symbiotic green alga <i>Asterochloris</i> (Trebouxiophyceae). <b>2011</b> , 20, 3936-48	132
1614	A late methanogen origin for molybdenum-dependent nitrogenase. <b>2011</b> , 9, 221-32	91

1613	Comparative biology of mammalian telomeres: hypotheses on ancestral states and the roles of telomeres in longevity determination. <b>2011</b> , 10, 761-8	264
1612	Scale-dependence of phylogenetic signal in ecological traits of ectoparasites. <b>2011</b> , 34, 114-122	48
1611	Breeding phenology determines evolutionary transitions in migratory behaviour in finches and allies. <b>2011</b> , 120, 184-193	8
1610	Microparasite species richness in rodents is higher at lower latitudes and is associated with reduced litter size. <b>2011</b> , 120, 1889-1896	32
1609	Mutualism or parasitism? Using a phylogenetic approach to characterize the oxpecker-ungulate relationship. <b>2011</b> , 65, 1297-304	18
1608	Inversely related aposematic traits: reduced conspicuousness evolves with increased toxicity in a polymorphic poison-dart frog. <b>2011</b> , 65, 1637-49	39
1607	The impact of gene-tree/species-tree discordance on diversification-rate estimation. <b>2011</b> , 65, 1851-61	29
1606	The tempo and mode of evolution: body sizes of island mammals. <b>2011</b> , 65, 1927-34	33
1605	Mammals evolve faster on smaller islands. <b>2011</b> , 65, 1935-44	28
1604	Phylogenetic versus functional signals in the evolution of form-function relationships in terrestrial vision. <b>2011</b> , 65, 2245-57	55
1603	Contrasting theory with the empirical data of species recognition. <b>2011</b> , 65, 2572-91	59
1602	Do variations in substitution rates and male mutation bias correlate with life-history traits? A study of 32 mammalian genomes. <b>2011</b> , 65, 2800-15	74
1601	Polyandry reduces sperm length variation in social insects. <b>2011</b> , 65, 3006-12	60
1600	Lineage diversification and morphological evolution in a large-scale continental radiation: the neotropical ovenbirds and woodcreepers (aves: Furnariidae). <b>2011</b> , 65, 2973-86	209
1599	How species longevity, intraspecific morphological variation, and geographic range size are related: a comparison using late Cambrian trilobites. <b>2011</b> , 65, 3253-73	31
1598	Sources of distinctness of juvenile plumage in Western Palearctic passerines. <b>2011</b> , 102, 440-454	16
1597	A phylogenetic framework for the evolution of female polymorphism in anoles. <b>2011</b> , 104, 303-317	18
1596	Consequences of climate change on the tree of life in Europe. <i>Nature</i> , <b>2011</b> , 470, 531-4	50.4 367

1595	Demography, kinship, and the evolving theory of genomic imprinting. <b>2011</b> , 27, 251-7	33
1594	Factors affecting germline mutations in a hypervariable microsatellite: a comparative analysis of six species of swallows (Aves: Hirundinidae). <b>2011</b> , 708, 37-43	9
1593	Skeletal correlates of quadrupedalism and climbing in the anthropoid forelimb: implications for inferring locomotion in Miocene catarrhines. <b>2011</b> , 61, 564-74	20
1592	Beta-specificity: the turnover of host species in space and another way to measure host specificity. <b>2011</b> , 41, 33-41	36
1591	The evolution of virulence in primate malaria parasites based on Bayesian reconstructions of ancestral states. <b>2011</b> , 41, 205-12	3
1590	Allometric estimation of metabolic rates in animals. <b>2011</b> , 158, 346-57	52
1589	Phylogenetic constraints on digesta separation: Variation in fluid throughput in the digestive tract in mammalian herbivores. <b>2011</b> , 160, 207-20	49
1588	Is there an influence of body mass on digesta mean retention time in herbivores? A comparative study on ungulates. <b>2011</b> , 160, 355-64	42
1587	Universal typological dependencies should be detectable in the history of language families. <b>2011</b> , 15,	9
1586	Considering alternative life history modes and genetic divergence in conservation: a case study of the Oklahoma salamander. <b>2011</b> , 12, 1243-1259	17
1585	Does investment into "expensive" tissue compromise anti-parasitic defence? Testes size, brain size and parasite diversity in rodent hosts. <b>2011</b> , 165, 7-16	18
1584	Innate humoral immunity is related to eggshell bacterial load of European birds: a comparative analysis. <b>2011</b> , 98, 807-13	16
1583	Functional interactions among tortoise beetle larval defenses reveal trait suites and escalation. <b>2011</b> , 65, 227-239	14
1582	Molecular evolution of methanogens based on their metabolic facets. <b>2011</b> , 6, 490-503	8
1581	Early evolution without a tree of life. <b>2011</b> , 6, 36	47
1580	BIO::Phylo-phyloinformatic analysis using perl. <b>2011</b> , 12, 63	38
1579	Phylogeny and adaptive evolution of the brain-development gene microcephalin (MCPH1) in cetaceans. <b>2011</b> , 11, 98	21
1578	Novelty-seeking DRD4 polymorphisms are associated with human migration distance out-of-Africa after controlling for neutral population gene structure. <b>2011</b> , 145, 382-9	68

1577	The correspondence between proximal phalanx morphology and locomotion: implications for inferring the locomotor behavior of fossil catarrhines. <b>2011</b> , 146, 435-45	16
1576	Life-history correlates of enamel microstructure in cebidae (Platyrrhini, Primates). <b>2011</b> , 294, 2193-206	14
1575	Phylogeny and character evolution in the jelly fungi (Tremellomycetes, Basidiomycota, Fungi). <b>2011</b> , 61, 12-28	88
1574	A phylogenetic analysis of the evolution of Austronesian sibling terminologies. <b>2011</b> , 83, 297-321	39
1573	Does extinction wield an axe or pruning shears? How interactions between phylogeny and ecology affect patterns of extinction. <b>2011</b> , 37, 72-91	25
1572	The Neogene transition from C3 to C4 grasslands in North America: stable carbon isotope ratios of fossil phytoliths. <b>2011</b> , 37, 23-49	59
1571	Primate extinction risk and historical patterns of speciation and extinction in relation to body mass. <b>2011</b> , 278, 1256-63	25
1570	Language evolution and human history: what a difference a date makes. <b>2011</b> , 366, 1090-100	58
1569	Hibernation is associated with increased survival and the evolution of slow life histories among mammals. <b>2011</b> , 278, 3355-63	183
1568	Longer in the tooth, shorter in the record? The evolutionary correlates of hypsodonty in Neogene ruminants. <b>2011</b> , 278, 3474-81	28
1567	Macro-evolutionary studies of cultural diversity: a review of empirical studies of cultural transmission and cultural adaptation. <b>2011</b> , 366, 402-11	78
1566	Mode and tempo in the evolution of socio-political organization: reconciling 'Darwinian' and 'Spencerian' evolutionary approaches in anthropology. <b>2011</b> , 366, 1108-17	37
1565	Euclidean nature of phylogenetic distance matrices. <b>2011</b> , 60, 826-32	27
1564	Phylogenetic beta diversity metrics, trait evolution and inferring the functional beta diversity of communities. <b>2011</b> , 6, e21264	148
1563	From bouncy legs to poisoned arrows: elastic movements in invertebrates. <b>2011</b> , 214, 1973-80	68
1562	Retinogeniculostriate pathway components scale with orbit convergence only in primates and not in other mammals. <b>2011</b> , 77, 105-15	10
1561	Evolutionary history predicts plant defense against an invasive pest. <b>2011</b> , 108, 7070-4	68
1560	Sperm competition leads to functional adaptations in avian testes to maximize sperm quantity and quality. <b>2011</b> , 141, 595-605	30

1559	Correlations of life-history and distributional-range variation with salamander diversification rates: evidence for species selection. <b>2011</b> , 60, 503-18	10
1558	Correlates of Reticulation in Linguistic Phylogenies. <b>2011</b> , 1, 205-240	19
1557	Phylogenetic rate shifts in feeding time during the evolution of Homo. <b>2011</b> , 108, 14555-9	114
1556	Angiosperm leaf vein patterns are linked to leaf functions in a global-scale data set. <b>2011</b> , 98, 244-53	70
1555	Resolving variation in the reproductive tradeoff between sperm size and number. <b>2011</b> , 108, 5325-30	136
1554	Adaptive evolution of four microcephaly genes and the evolution of brain size in anthropoid primates. <b>2011</b> , 28, 625-38	94
1553	Host phylogeny determines viral persistence and replication in novel hosts. <b>2011</b> , 7, e1002260	111
1552	A phylogenetic model for investigating correlated evolution of substitution rates and continuous phenotypic characters. <b>2011</b> , 28, 729-44	153
1551	A strategy in searching for stress tolerance-correlated characteristics in nematodes while accounting for phylogenetic interdependence. <b>2011</b> , 13, 261-275	0
1550	Immune subversion and quorum-sensing shape the variation in infectious dose among bacterial pathogens. <b>2012</b> , 8, e1002503	29
1549	Clade age and species richness are decoupled across the eukaryotic tree of life. <b>2012</b> , 10, e1001381	148
1548	Habitat variability correlates with duplicate content of Drosophila genomes. <b>2012</b> , 29, 3169-79	18
1547	Adaptive evolution of sexual systems in pedunculate barnacles. <b>2012</b> , 279, 959-66	53
1546	Evidence that gestation duration and lactation duration are coupled traits in primates. <b>2012</b> , 8, 998-1001	11
1545	Trophic specialization influences the rate of environmental niche evolution in damselfishes (Pomacentridae). <b>2012</b> , 279, 3662-9	30
1544	The evolution of defense mechanisms correlate with the explosive diversification of autodigesting Coprinellus mushrooms (Agaricales, Fungi). <b>2012</b> , 61, 595-607	21
1543	Mapping quantitative trait loci onto a phylogenetic tree. <b>2012</b> , 192, 267-79	7
1542	Energetics, lifestyle, and reproduction in birds. <b>2012</b> , 109, 10937-41	81



1541	Comparative spring mechanics in mantis shrimp. <b>2013</b> , 216, 1317-29	42
1540	Vitamin B(12) synthesis and salvage pathways were acquired by horizontal gene transfer to the Thermotogales. <b>2012</b> , 4, 730-9	15
1539	Enzyme functional evolution through improved catalysis of ancestrally nonpreferred substrates. <b>2012</b> , 109, 2966-71	69
1538	Metabolic cold adaptation in fishes occurs at the level of whole animal, mitochondria and enzyme. <b>2012</b> , 279, 1740-7	84
1537	Multiple continental radiations and correlates of diversification in <i>Lupinus</i> (Leguminosae): testing for key innovation with incomplete taxon sampling. <b>2012</b> , 61, 443-60	199
1536	Did pollination shifts drive diversification in southern African <i>Gladiolus</i> ? Evaluating the model of pollinator-driven speciation. <b>2012</b> , 180, 83-98	42
1535	The evolution of intron size in amniotes: a role for powered flight?. <b>2012</b> , 4, 1033-43	54
1534	Evolutionary mode routinely varies among morphological traits within fossil species lineages. <b>2012</b> , 109, 20520-5	50
1533	Nocturnal light environments and species ecology: implications for nocturnal color vision in forests. <b>2012</b> , 215, 4085-96	85
1532	Tempo and mode in plant breeding system evolution. <b>2012</b> , 66, 3701-9	145
1531	Positive selection on NIN, a gene involved in neurogenesis, and primate brain evolution. <b>2012</b> , 11, 903-10	10
1530	Fast molecular evolution associated with high active metabolic rates in poison frogs. <b>2012</b> , 29, 2001-18	34
1529	Fungal pathogen species richness: why do some plant species have more pathogens than others?. <b>2012</b> , 179, 282-92	22
1528	Arbuscular mycorrhizal fungi mediate below-ground plant-herbivore interactions: a phylogenetic study. <b>2012</b> , 26, 1033-1042	30
1527	Rampant host- and defensive phenotype-associated diversification in a goldenrod gall midge. <b>2012</b> , 25, 1991-2004	14
1526	Phylogenetic niche conservatism: what are the underlying evolutionary and ecological causes?. <b>2012</b> , 196, 681-694	174
1525	Avian life history traits influence eggshell bacterial loads: a comparative analysis. <b>2012</b> , 154, 725-737	25
1524	Independent contrasts and PGLS regression estimators are equivalent. <b>2012</b> , 61, 382-91	70

1523	Thermal biology of genus <i>Liolaemus</i> : A phylogenetic approach reveals advantages of the genus to survive climate change. <b>2012</b> , 37, 579-586	38
1522	Upper thermal limits of <i>Drosophila</i> are linked to species distributions and strongly constrained phylogenetically. <b>2012</b> , 109, 16228-33	339
1521	Phylogenetic analysis of <i>Ostreococcus</i> virus sequences from the Patagonian Coast. <b>2012</b> , 45, 316-26	7
1520	Phylogenetic niche conservatism in C4 grasses. <b>2012</b> , 170, 835-45	33
1519	Using phylogenetic trees to test for character displacement: a model and an example from a desert mammal community. <b>2012</b> , 93, S44-S51	18
1518	Assessment of phylogenetic structure in genome size--gene content correlations. <b>2012</b> , 55, 391-5	
1517	Cooperative breeding and monogamy in mammalian societies. <b>2012</b> , 279, 2151-6	225
1516	Dietary quality and encephalization in platyrrhine primates. <b>2012</b> , 279, 715-21	30
1515	Phylogenetics and evolution of host-plant use in leaf-mining sawflies (Hymenoptera: Tenthredinidae: Heterarthrinae). <b>2012</b> , 64, 331-41	42
1514	Phylogeny, rate variation, and genome size evolution of <i>Pelargonium</i> (Geraniaceae). <b>2012</b> , 64, 654-70	36
1513	Evolutionary informatics: unifying knowledge about the diversity of life. <b>2012</b> , 27, 94-103	88
1512	Life histories and the evolution of cooperative breeding in mammals. <b>2012</b> , 279, 4065-70	52
1511	Effects of phylogenetic signal on ancestral state reconstruction. <b>2012</b> , 61, 533-8	39
1510	Evolutionary conservation of species' roles in food webs. <b>2012</b> , 335, 1489-92	138
1509	The imprint of Cenozoic migrations and evolutionary history on the biogeographic gradient of body size in New World mammals. <b>2012</b> , 180, 246-56	27
1508	Reproductive seasonality in captive wild ruminants: implications for biogeographical adaptation, photoperiodic control, and life history. <b>2012</b> , 87, 965-90	54
1507	Relative embryo length as an adaptation to habitat and life cycle in Apiaceae. <b>2012</b> , 195, 479-487	35
1506	Global warming reduces plant reproductive output for temperate multi-inflorescence species on the Tibetan plateau. <b>2012</b> , 195, 427-436	54

1505	Evolutionary Inferences from Phylogenies: A Review of Methods. <b>2012</b> , 43, 267-285	152
1504	Widespread Cryptic Dichromatism and Ultraviolet Reflectance in the Largest Radiation of Neotropical Songbirds: Implications of Accounting for Avian Vision in the Study of Plumage Evolution El Dicromatismo Cr�ptico y la Reflectancia Ultravioleta est� Ampliamente Difundidos en la Mayor Radiaci�n Neotropical de Aves Canoras: Implicaciones de Considerar la Visi�n Aviar en el Estudio de la Evoluci�n del Plumaje. <b>2012</b> , 120, 314-331	46
1503	Methodological issues and advances in biological meta-analysis. <b>2012</b> , 26, 1253-1274	469
1502	RUNX2 tandem repeats and the evolution of facial length in placental mammals. <b>2012</b> , 12, 103	31
1501	Mutualism with sea anemones triggered the adaptive radiation of clownfishes. <b>2012</b> , 12, 212	63
1500	The phylogenetic signal of species co-occurrence in high-diversity shrublands: different patterns for fire-killed and fire-resistant species. <b>2012</b> , 12, 21	10
1499	Phylogeny and species delimitation in the genus <i>Coprinellus</i> with special emphasis on the haired species. <b>2012</b> , 104, 254-75	21
1498	Evolutionary biology: Birds of a feather. <i>Nature</i> , <b>2012</b> , 491, 336-7	50.4 9
1497	Is sociality required for the evolution of communicative complexity? Evidence weighed against alternative hypotheses in diverse taxonomic groups. <b>2012</b> , 367, 1811-28	34
1496	Sexual dichromatism in frogs: natural selection, sexual selection and unexpected diversity. <b>2012</b> , 279, 4687-93	73
1495	Eye shape and the nocturnal bottleneck of mammals. <b>2012</b> , 279, 4962-8	80
1494	Care for kin: within-group relatedness and allomaternal care are positively correlated and conserved throughout the mammalian phylogeny. <b>2012</b> , 8, 533-6	34
1493	A multivariate analysis of variation in genome size and endoreduplication in angiosperms reveals strong phylogenetic signal and association with phenotypic traits. <b>2012</b> , 196, 1240-1250	34
1492	Fast likelihood calculations for comparative analyses. <b>2012</b> , 3, 940-947	68
1491	Climatic niche evolution and species diversification in the Cape flora, South Africa. <b>2012</b> , 39, 2201-2211	52
1490	Coevolution of Gene Families: Models, Algorithms, and Systems Biology. <b>2012</b> , 65-78	
1489	The evolutionary significance of placental interdigitation in mammalian reproduction: contributions from comparative studies. <b>2012</b> , 33, 763-8	24
1488	Comparative energetics of mammalian locomotion: humans are not different. <b>2012</b> , 63, 718-22	15

1487	Phylogenetic analyses: comparing species to infer adaptations and physiological mechanisms. <b>2012</b> , 2, 639-74	81
1486	Evolutionary change in the brain size of bats. <b>2012</b> , 80, 15-25	16
1485	Linking the investigations of character evolution and species diversification. <b>2012</b> , 180, 225-45	77
1484	Body size evolution in extant Oryzomyini rodents: Cope's rule or miniaturization?. <b>2012</b> , 7, e34654	14
1483	Infant parking and nesting, not allomaternal care, influence Malagasy primate life histories. <b>2012</b> , 66, 1375-1386	59
1482	Bayesian models for comparative analysis integrating phylogenetic uncertainty. <b>2012</b> , 12, 102	68
1481	A universal trend among proteomes indicates an oily last common ancestor. <b>2012</b> , 8, e1002839	18
1480	Fluctuating environments, sexual selection and the evolution of flexible mate choice in birds. <b>2012</b> , 7, e32311	70
1479	Cultural phylogenetics of the Tupi language family in lowland South America. <b>2012</b> , 7, e35025	49
1478	Eye size at birth in prosimian primates: life history correlates and growth patterns. <b>2012</b> , 7, e36097	30
1477	Functional morphometric analysis of the furcula in mesozoic birds. <b>2012</b> , 7, e36664	24
1476	Host longevity and parasite species richness in mammals. <b>2012</b> , 7, e42190	38
1475	Repeated origin and loss of adhesive toepads in geckos. <b>2012</b> , 7, e39429	165
1474	Testing the fitness consequences of the thermoregulatory and parental care models for the origin of endothermy. <b>2012</b> , 7, e37069	13
1473	Tradeoffs in the evolution of caste and body size in the hyperdiverse ant genus Pheidole. <b>2012</b> , 7, e48202	12
1472	Evolution of body elongation in gymnophthalmid lizards: relationships with climate. <b>2012</b> , 7, e49772	19
1471	Ecological Factors and Diversification among Neotropical Characiforms. <b>2012</b> , 2012, 1-20	15
1470	Recent progress in paleontological methods for dating the Tree of Life. <b>2012</b> , 3, 130	16

1469	A comparison of metrics for estimating phylogenetic signal under alternative evolutionary models. <b>2012</b> , 35, 673-9	31
1468	High dispersal ability inhibits speciation in a continental radiation of passerine birds. <b>2012</b> , 279, 1567-74	188
1467	The long and the short of avian W chromosomes: no evidence for gradual W shortening. <b>2012</b> , 8, 636-8	33
1466	Face to face with the social brain. <b>2012</b> , 367, 1901-8	12
1465	Evidence for a convergent slowdown in primate molecular rates and its implications for the timing of early primate evolution. <b>2012</b> , 109, 6006-11	102
1464	The recognition signal hypothesis for the adaptive evolution of religion : a phylogenetic test with Christian denominations. <b>2012</b> , 23, 218-49	35
1463	Unraveling the life history of successful invaders. <b>2012</b> , 337, 580-3	175
1462	Between individual variation in risk-taking behavior and its life history consequences. <b>2012</b> , 23, 843-853	60
1461	The Evolution of Genome Size Variation in Drumstick Onions ( <i>Allium</i> subgenus <i>Melanocrommyum</i> ). <b>2012</b> , 37, 96-104	20
1460	Male contest competition and the coevolution of weaponry and testes in pinnipeds. <b>2012</b> , 66, 3595-604	82
1459	Variations in sexual behavior among capuchin monkeys function for conspecific mate recognition: a phylogenetic analysis and a new hypothesis for female proceptivity in tufted capuchins. <b>2012</b> , 74, 287-98	10
1458	The influence of maximum running speed on eye size: a test of Leuckart's Law in mammals. <b>2012</b> , 295, 1053-62	17
1457	Untested assumptions about within-species sample size and missing data in interspecific studies. <b>2012</b> , 66, 1363-1373	21
1456	Ecological opportunity and diversification in a continental radiation of birds: climbing adaptations and cladogenesis in the Furnariidae. <b>2012</b> , 179, 649-66	24
1455	Niche conservatism in the Mesoamerican seasonal tropical dry forest orchid <i>Barkeria</i> (Orchidaceae). <b>2012</b> , 26, 991-1010	10
1454	Innovative Approaches to the Relationship Between Diet and Mandibular Morphology in Primates. <b>2012</b> , 33, 632-660	70
1453	Photosynthetic pathway and ecological adaptation explain stomatal trait diversity amongst grasses. <b>2012</b> , 193, 387-96	90
1452	Disentangling determinants of egg size in the Geometridae (Lepidoptera) using an advanced phylogenetic comparative method. <b>2012</b> , 25, 210-9	14

1451	Positive effect of shade on plant growth: amelioration of stress or active regulation of growth rate?. <b>2012</b> , 100, 459-466	56
1450	Dichotomy of eutherian reproduction and metabolism. <b>2012</b> , 121, 102-115	34
1449	The Evolution of Group Stability and Roost Lifespan: Perspectives from Tent-Roosting Bats. <b>2012</b> , 44, 90-97	13
1448	Birdsong, sexual selection, and the flawed taxonomy of canaries, goldfinches and allies. <b>2012</b> , 84, 111-119	26
1447	Cardenolides in nectar may be more than a consequence of allocation to other plant parts: a phylogenetic study of <i>Asclepias</i> . <b>2012</b> , 26, 1100-1110	46
1446	Biases in comparative analyses of extinction risk: mind the gap. <b>2012</b> , 81, 1211-1222	56
1445	Phylogenetic and ecological structure of Mediterranean caddisfly communities at various spatio-temporal scales. <b>2012</b> , 39, 1621-1632	11
1444	Loss of interactions with ants under cold climate in a regional myrmecophilous butterfly fauna. <b>2012</b> , 39, 1782-1790	20
1443	Phylogeny meets ecotoxicology: evolutionary patterns of sensitivity to a common insecticide. <b>2012</b> , 5, 593-606	50
1442	Identifying Cinderella species: uncovering mammals with conservation flagship appeal. <b>2012</b> , 5, 205-212	104
1441	Reconstructing the origins of high-alpine niches and cushion life form in the genus <i>Androsace</i> S.L. ( <i>Primulaceae</i> ). <b>2012</b> , 66, 1255-68	53
1440	Exploring patterns of interspecific variation in quantitative traits using sequential phylogenetic eigenvector regressions. <b>2012</b> , 66, 1079-90	52
1439	Is your phylogeny informative? Measuring the power of comparative methods. <b>2012</b> , 66, 2240-51	171
1438	Are range-size distributions consistent with species-level heritability?. <b>2012</b> , 66, 2216-26	15
1437	Global patterns of leaf defenses in oak species. <b>2012</b> , 66, 2272-86	100
1436	Chromosome number evolves independently of genome size in a clade with nonlocalized centromeres ( <i>Carex</i> : <i>Cyperaceae</i> ). <b>2012</b> , 66, 2708-22	32
1435	A new Bayesian method for fitting evolutionary models to comparative data with intraspecific variation. <b>2012</b> , 66, 2697-707	46
1434	Testing the link between population genetic differentiation and clade diversification in Costa Rican orchids. <b>2012</b> , 66, 3035-52	25

1433	Sexual selection and the evolution of complex color patterns in dragon lizards. <b>2012</b> , 66, 3605-14	58
1432	Phylogenetic analyses reveal unexpected patterns in the evolution of reproductive modes in frogs. <b>2012</b> , 66, 3687-700	133
1431	Patterns of paternity skew among polyandrous social insects: what can they tell us about the potential for sexual selection?. <b>2012</b> , 66, 3778-88	23
1430	Flexibility in phenology and habitat use act as buffers to long-term population declines in UK passerines. <b>2012</b> , 35, 604-613	22
1429	On the selection of phylogenetic eigenvectors for ecological analyses. <b>2012</b> , 35, 239-249	87
1428	The relationship between syllable repertoire similarity and pairing success in a passerine bird species with complex song. <b>2012</b> , 295, 68-76	15
1427	Translational selection of genes coding for perfectly conserved proteins among three mosquito vectors. <b>2012</b> , 12, 1535-42	9
1426	Redundancy and rewiring of genetic networks following genome-wide duplication events. <b>2012</b> , 15, 168-76	95
1425	A cladistic reconstruction of the ancestral mite harvestman (Arachnida, Opiliones, Cyphophthalmi): portrait of a Paleozoic detritivore. <b>2012</b> , 28, 582-597	3
1424	Evolution of an ornament, the dewlap, in females of the lizard genus <i>Anolis</i> . <b>2012</b> , 106, 191-201	21
1423	Attractive blue-green egg coloration and cuckoo host coevolution. <b>2012</b> , 106, 154-168	16
1422	The evolution of waving displays in fiddler crabs ( <i>Uca</i> spp., Crustacea: Ocypodidae). <b>2012</b> , 106, 307-315	27
1421	Why are birds' eggs colourful? Eggshell pigments co-vary with life-history and nesting ecology among British breeding non-passerine birds. <b>2012</b> , 106, 657-672	53
1420	The homology and origins of intermuscular bones in fishes: phylogenetic or biomechanical determinants?. <b>2012</b> , 106, 607-622	18
1419	Continuous characters in phylogenetic analyses: patterns of corolla tube length evolution in <i>Lithospermum</i> L. (Boraginaceae). <b>2012</b> , 107, 442-457	12
1418	Quantifying succulence: a rapid, physiologically meaningful metric of plant water storage. <b>2012</b> , 35, 1533-42	56
1417	Correlated evolution and Bayesian divergence time estimates of the Cimicoidea (Heteroptera: Cimicomorpha) reveal the evolutionary history. <b>2012</b> , 37, 22-31	14
1416	Sexual selection uncouples the evolution of brain and body size in pinnipeds. <b>2012</b> , 25, 1321-30	34

1415	Evolution of sexual dichromatism in relation to nesting habits in European passerines: a test of Wallace's hypothesis. <b>2012</b> , 25, 1614-22	25
1414	The evolution of size of the uropygial gland: mutualistic feather mites and uropygial secretion reduce bacterial loads of eggshells and hatching failures of European birds. <b>2012</b> , 25, 1779-91	47
1413	When should we expect early bursts of trait evolution in comparative data? Predictions from an evolutionary food web model. <b>2012</b> , 25, 1902-10	42
1412	MOTMOT: models of trait macroevolution on trees. <b>2012</b> , 3, 145-151	118
1411	phytools: an R package for phylogenetic comparative biology (and other things). <b>2012</b> , 3, 217-223	4535
1410	How to measure and test phylogenetic signal. <b>2012</b> , 3, 743-756	535
1409	Coevolution of facial expression and social tolerance in macaques. <b>2012</b> , 74, 229-35	36
1408	Testing Bergmann's rule and the resource seasonality hypothesis in Malagasy primates using GIS-based climate data. <b>2012</b> , 147, 401-8	31
1407	Cognitive skills and bacterial load: comparative evidence of costs of cognitive proficiency in birds. <b>2012</b> , 99, 111-22	19
1406	The interspecific relationship between prevalence of blood parasites and sexual traits in birds when considering recent methodological advancements. <b>2012</b> , 66, 107-119	22
1405	New phylogenetic information suggests both an increase and at least one loss of cooperative breeding during the evolutionary history of <i>Aphelocoma</i> jays. <b>2012</b> , 26, 43-54	8
1404	How does cognition evolve? Phylogenetic comparative psychology. <b>2012</b> , 15, 223-38	165
1403	Central European plant species from more productive habitats are more invasive at a global scale. <b>2013</b> , 22, 64-72	53
1402	Hypsodonty and tooth facet development in relation to diet and habitat in herbivorous ungulates: implications for understanding tooth wear. <b>2013</b> , 43, 34-46	117
1401	A comparative analysis of chemically induced sex reversal in teleosts: challenging conventional suppositions. <b>2013</b> , 14, 60-76	19
1400	Food load manipulation ability shapes flight morphology in females of central-place foraging Hymenoptera. <b>2013</b> , 10, 36	9
1399	Colonization resistance and microbial ecophysiology: using gnotobiotic mouse models and single-cell technology to explore the intestinal jungle. <b>2013</b> , 37, 793-829	75
1398	Evolution of sprint speed in African savannah herbivores in relation to predation. <b>2013</b> , 67, 3371-6	19



1397	Comparative Genomics. <b>2013</b> ,	12
1396	Niche conservatism constrains Australian honeyeater assemblages in stressful environments. <b>2013</b> , 16, 1186-94	39
1395	A family of null models to distinguish between environmental filtering and biotic interactions in functional diversity patterns. <b>2013</b> , 24, 853-864	48
1394	Dynamics of chromosome number evolution in the <i>Agrodiaetus phyllis</i> species complex (Insecta: Lepidoptera). <b>2013</b> , 7, 379-381	6
1393	Ecological differentiation of cryptic species within an asexual protist morphospecies: a case study of filamentous green alga <i>Klebsormidium</i> (Streptophyta). <b>2013</b> , 60, 350-62	56
1392	Extreme intraclutch egg-size dimorphism in <i>Eudyptes</i> penguins, an evolutionary response to clutch-size maladaptation. <b>2013</b> , 182, 260-70	11
1391	Phylogenetic evidence for a shift in the mode of mammalian body size evolution at the Cretaceous-Palaeogene boundary. <b>2013</b> , 4, 734-744	132
1390	Ontogenetic development of intestinal length and relationships to diet in an Australasian fish family (Terapontidae). <b>2013</b> , 13, 53	26
1389	High lability of sexual system over 250 million years of evolution in morphologically conservative tadpole shrimps. <b>2013</b> , 13, 30	17
1388	Does life history shape sexual size dimorphism in anurans? A comparative analysis. <b>2013</b> , 13, 27	45
1387	Increasing land-use intensity decreases floral colour diversity of plant communities in temperate grasslands. <b>2013</b> , 173, 461-71	17
1386	Phylogeny. <b>2013</b> , 324-325	1
1385	Fine-scale niche structure of Neotropical forests reflects a legacy of the Great American Biotic Interchange. <b>2013</b> , 4, 2317	20
1384	Reproductive seasonality is a poor predictor of receptive synchrony and male reproductive skew among nonhuman primates. <b>2013</b> , 67, 123-134	30
1383	Mining the impact of evolution categories on object-oriented metrics. <b>2013</b> , 21, 529-549	0
1382	Phylogenetic signal, feeding behaviour and brain volume in Neotropical bats. <b>2013</b> , 26, 1925-33	12
1381	Extra-pair paternity, sperm competition and their evolutionary consequences in the Maluridae. <b>2013</b> , 113, 218-231	15
1380	Song evolution in Maluridae: influences of natural and sexual selection on acoustic structure. <b>2013</b> , 113, 270-281	32

1379	Thermoregulation in African Green Pigeons ( <i>Treron calvus</i> ) and a re-analysis of insular effects on basal metabolic rate and heterothermy in columbid birds. <b>2013</b> , 183, 969-82	10
1378	Adaptation and the physiology of ocean acidification. <b>2013</b> , 27, 980-990	128
1377	Phylogenetic eigenvector maps: a framework to model and predict species traits. <b>2013</b> , 4, 1120-1131	67
1376	Herbarium specimens reveal the footprint of climate change on flowering trends across north-central North America. <b>2013</b> , 16, 1037-44	113
1375	Evidence for recent evolution of cold tolerance in grasses suggests current distribution is not limited by (low) temperature. <b>2013</b> , 198, 1261-1273	26
1374	Modularity and rates of evolutionary change in a power-amplified prey capture system. <b>2013</b> , 67, 3191-207	52
1373	The evolution of the nutrient composition of mammalian milks. <b>2013</b> , 82, 1254-64	38
1372	Temperature-dependent shifts in phenology contribute to the success of exotic species with climate change. <b>2013</b> , 100, 1407-21	104
1371	Body size and extinction risk in terrestrial mammals above the species level. <b>2013</b> , 182, E196-214	38
1370	Risk assessment for Iberian birds under global change. <b>2013</b> , 168, 192-200	23
1369	Adaptive response to sociality and ecology drives the diversification of facial colour patterns in catarrhines. <b>2013</b> , 4, 2765	32
1368	Phylogenetic Hypothesis Testing. <b>2013</b> ,	2
1367	Conservatism of responses to environmental change is rare under natural conditions in a native grassland. <b>2013</b> , 15, 328-337	22
1366	The evolution of social monogamy in mammals. <b>2013</b> , 341, 526-30	377
1365	Evolution of antennules of cytheroidean ostracods (Crustacea). <b>2013</b> , 42, 395-405	1
1364	Primate brains, the 'island rule' and the evolution of <i>Homo floresiensis</i> . <b>2013</b> , 65, 750-60	26
1363	Functional traits, the phylogeny of function, and ecosystem service vulnerability. <b>2013</b> , 3, 2958-75	318
1362	Different evolutionary pathways underlie the morphology of wrist bones in hominoids. <b>2013</b> , 13, 229	22

1361	GRASP [Genomic Resource Access for Stoichioproteomics]: comparative explorations of the atomic content of 12 Drosophila proteomes. <b>2013</b> , 14, 599	2
1360	Does chemical defence increase niche space? A phylogenetic comparative analysis of the Musteloidea. <b>2013</b> , 27, 863-881	14
1359	Plant invasiveness is not linked to the capacity of regeneration from small fragments: an experimental test with 39 stoloniferous species. <b>2013</b> , 15, 1367-1376	15
1358	Cophenetic metrics for phylogenetic trees, after Sokal and Rohlf. <b>2013</b> , 14, 3	23
1357	Metabolic rate and body size are linked with perception of temporal information. <b>2013</b> , 86, 685-696	76
1356	Measurement, variation, and scaling of osteocyte lacunae: a case study in birds. <b>2013</b> , 57, 300-10	29
1355	Shades of red: bird-pollinated flowers target the specific colour discrimination abilities of avian vision. <b>2013</b> , 198, 301-310	102
1354	On Showy Dwarfs and Sober Giants: Body Size as a Constraint for the Evolution of Bird Plumage Colouration. <b>2013</b> , 48, 65-80	9
1353	A practical guide to molecular dating. <b>2013</b> , 12, 355-367	55
1352	Sexual dimorphism of heads and abdomens: Different approaches to Being large in female and male lizards. <b>2013</b> , 110, 665-673	43
1351	Diversity and niche evolution along aridity gradients in north american lizards (phrynosomatidae). <b>2013</b> , 67, 1715-28	73
1350	Complex life cycles: why refrain from growth before reproduction in the adult niche?. <b>2013</b> , 181, 39-51	27
1349	Reciprocal causation and the proximate-ultimate distinction. <b>2013</b> , 28, 747-756	30
1348	Sperm competition in tropical versus temperate zone birds. <b>2013</b> , 280, 20122434	19
1347	Origins of biodiversity. <b>2013</b> , 56, 1-7	8
1346	Faithful females receive more help: the extent of male parental care during incubation in relation to extra-pair paternity in songbirds. <b>2013</b> , 26, 155-62	33
1345	Assessing the Patterns of Evolution in Anuran Vocal Sexual Signals. <b>2013</b> , 40, 141-149	7
1344	Origin and diversification of the California flora: re-examining classic hypotheses with molecular phylogenies. <b>2013</b> , 67, 1041-54	62

1343	Female promiscuity is positively associated with neutral and selected genetic diversity in passerine birds. <b>2013</b> , 67, 1406-19	28
1342	Length-mass allometry in snakes. <b>2013</b> , 108, 161-172	64
1341	Rapid action in the Palaeogene, the relationship between phenotypic and taxonomic diversification in Coenozoic mammals. <b>2013</b> , 280, 20122244	31
1340	Predicting dispersal distance in mammals: a trait-based approach. <b>2013</b> , 82, 211-21	91
1339	Brains and bravery: Little evidence of a relationship between brain size and flightiness in shorebirds. <b>2013</b> , 38, 516-522	12
1338	Simulation-based likelihood approach for evolutionary models of phenotypic traits on phylogeny. <b>2013</b> , 67, 355-67	19
1337	Genome Size and the Phenotype. <b>2013</b> , 323-344	47
1336	Determinants of inter-specific variation in basal metabolic rate. <b>2013</b> , 183, 1-26	126
1335	Genome size in <i>Filago</i> L. (Asteraceae, Gnaphalieae) and related genera: phylogenetic, evolutionary and ecological implications. <b>2013</b> , 299, 331-345	19
1334	Trait-dependent declines of species following conversion of rain forest to oil palm plantations. <b>2013</b> , 22, 253-268	51
1333	Using phylogenetic information and the comparative method to evaluate hypotheses in macroecology. <b>2013</b> , 4, 401-415	46
1332	Estimating field metabolic rates for Australian marsupials using phylogeny. <b>2013</b> , 164, 598-604	7
1331	The relationship between energy expenditure and speed during pedestrian locomotion in birds: a morphological basis for the elevated y-intercept?. <b>2013</b> , 165, 295-8	7
1330	Evolution of recombination in eutherian mammals: insights into mechanisms that affect recombination rates and crossover interference. <b>2013</b> , 280, 20131945	54
1329	Homoplasy and thick enamel in primates. <b>2013</b> , 64, 216-24	54
1328	Evolution of acoustic and visual signals in Asian barbets. <b>2013</b> , 26, 647-59	21
1327	Correlation between <i>Anolis</i> lizard dewlap phenotype and environmental variation indicates adaptive divergence of a signal important to sexual selection and species recognition. <b>2013</b> , 67, 573-82	48
1326	Plant mating system transitions drive the macroevolution of defense strategies. <b>2013</b> , 110, 3973-8	44

1325	The importance of nest-site and habitat in egg recognition ability of potential hosts of the Common Cuckoo <i>Cuculus canorus</i> . <b>2013</b> , 155, 140-155	22
1324	Macrostress: do large-scale ecological patterns exist in the glucocorticoid stress response of vertebrates?. <b>2013</b> , 27, 120-130	52
1323	Are diminutive turtles miniaturized? The ontogeny of plastron shape in emydine turtles. <b>2013</b> , 108, 727-755	15
1322	Molecular phylogenetics and morphological evolution of St. John's wort ( <i>Hypericum</i> ; Hypericaceae). <b>2013</b> , 66, 1-16	71
1321	Phylogenetic conservatism of functional traits in microorganisms. <b>2013</b> , 7, 830-8	34 <sup>o</sup>
1320	Reproductive Strategies and Infant Care in the Malagasy Primates. <b>2013</b> , 321-359	14
1319	Does habitat disturbance increase infectious disease risk for primates?. <b>2013</b> , 16, 656-63	71
1318	Parallel episodes of phyletic dwarfism in callitrichid and cheirogaleid primates. <b>2013</b> , 26, 810-9	34
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1316	Social but not solitary bees reject dangerous flowers where a conspecific has recently been attacked. <b>2013</b> , 85, 97-102	14
1315	Current near-to-nature forest management effects on functional trait composition of saproxylic beetles in beech forests. <b>2013</b> , 27, 605-14	145
1314	Spots and stripes: ecology and colour pattern evolution in butterflyfishes. <b>2013</b> , 280, 20122730	41
1313	Are lizards feeling the heat? A tale of ecology and evolution under two temperatures. <b>2013</b> , 22, 834-845	78
1312	Fibre digestibility in large herbivores as related to digestion type and body mass--an in vitro approach. <b>2013</b> , 164, 319-26	13
1311	Comparing evolutionary rates for different phenotypic traits on a phylogeny using likelihood. <b>2013</b> , 62, 181-92	78
1310	A comparison of bats and rodents as reservoirs of zoonotic viruses: are bats special?. <b>2013</b> , 280, 20122753	387
1309	Conservatism of lizard thermal tolerances and body temperatures across evolutionary history and geography. <b>2013</b> , 9, 20121056	93
1308	Discriminating the effects of phylogenetic hypothesis, tree resolution and clade age estimates on phylogenetic signal measurements. <b>2013</b> , 15, 858-67	20

1307	Bergmann's rule in mammals: a cross-species interspecific pattern. <b>2013</b> , 122, no-no	20
1306	Diploidization and genome size change in allopolyploids is associated with differential dynamics of low- and high-copy sequences. <b>2013</b> , 74, 829-39	77
1305	Comparative analysis of animal growth: a primate continuum revealed by a new dimensionless growth rate coefficient. <b>2013</b> , 67, 1485-92	2
1304	Strong radial variation in wood density follows a uniform pattern in two neotropical rain forests. <b>2013</b> , 27, 684-692	39
1303	The evolution of locomotor rhythmicity in tetrapods. <b>2013</b> , 67, 1209-17	15
1302	Parents, predators, parasites, and the evolution of eggshell colour in open nesting birds. <b>2013</b> , 27, 593-617	20
1301	You are where you live: parasitic nematode mitochondrial genome size is associated with the thermal environment generated by hosts. <b>2013</b> , 26, 683-90	14
1300	Females are the ecological sex: sex-specific body mass ecogeography in wild sifaka populations ( <i>Propithecus</i> spp.). <b>2013</b> , 151, 77-87	15
1299	Phylogenetic patterns of skeletal morphometrics and pelvic traits in relation to locomotor mode in frogs. <b>2013</b> , 26, 929-43	44
1298	Risk-taking and the evolution of mechanisms for rapid escape from predators. <b>2013</b> , 26, 1143-50	23
1297	Asynchronous evolution of physiology and morphology in <i>Anolis</i> lizards. <b>2013</b> , 67, 2101-13	44
1296	Tracing the fossil pollen record of <i>Hedyosmum</i> (Chloranthaceae), an old lineage with recent Neotropical diversification. <b>2013</b> , 52, 161-180	16
1295	Molecular Systematics and the Evolution of Arthropods. <b>2013</b> , 521-589	1
1294	Evolutionary history of elongation and maximum body length in moray eels ( <i>Anguilliformes</i> : <i>Muraenidae</i> ). <b>2013</b> , 109, 861-875	17
1293	An integrative view of phylogenetic comparative methods: connections to population genetics, community ecology, and paleobiology. <b>2013</b> , 1289, 90-105	154
1292	Socio-ecological factors correlate with levels of stereotypic behavior in zoo-housed primates. <b>2013</b> , 98, 85-91	31
1291	Partitioning phylogenetic and functional diversity into alpha and beta components along an environmental gradient in a Mediterranean rangeland. <b>2013</b> , 24, 877-889	36
1290	Decoupling of taxonomic diversity and morphological disparity during decline of the Cambrian trilobite family <i>Pterocephaliidae</i> . <b>2013</b> , 26, 1665-76	30

1289	Origins, evolution, and diversification of cleptoparasitic lineages in long-tongued bees. <b>2013</b> , 67, 2982-98	21
1288	Evolutionary consequences, constraints and potential of polyploidy in plants. <b>2013</b> , 140, 137-50	128
1287	A volumetric comparison of the insular cortex and its subregions in primates. <b>2013</b> , 64, 263-79	124
1286	Allometry of thermal variables in mammals: consequences of body size and phylogeny. <b>2013</b> , 88, 564-72	49
1285	The evolutionary history of cetacean brain and body size. <b>2013</b> , 67, 3339-53	67
1284	Diversity, Prevalence, and Host Specificity of Avian Plasmodium and Haemoproteus in a Western Amazon Assemblage. <b>2013</b> , 76, 1-47	73
1283	Effects of native pollinator specialization, self-compatibility and flowering duration of European plant species on their invasiveness elsewhere. <b>2013</b> , 101, 916-923	12
1282	Nuclear DNA content variation and evolution in liverworts. <b>2013</b> , 68, 619-27	22
1281	Phylogeny as a proxy for ecology in seagrass amphipods: which traits are most conserved?. <b>2013</b> , 8, e57550	32
1280	Why care? Inferring the evolution of complex social behaviour. <b>2013</b> , 26, 1381-91	22
1279	The pace and shape of senescence in angiosperms. <b>2013</b> , 101, 596-606	79
1278	Diversity in time and space: wanted dead and alive. <b>2013</b> , 28, 509-16	108
1277	DAMBE5: a comprehensive software package for data analysis in molecular biology and evolution. <b>2013</b> , 30, 1720-8	809
1276	Interspecific differences in stochastic population dynamics explains variation in Taylor's temporal power law. <b>2013</b> , 122, 1207-1216	10
1275	Phylogenetic signal in primate behaviour, ecology and life history. <b>2013</b> , 368, 20120341	274
1274	Eggshell Conspicuousness is Related to Paternal Brood Patch Vascularisation in the American Thrashers. <b>2013</b> , 6, 163-177	4
1273	Evolution of sexual size dimorphism and its relationship with sex ratio in carabid beetles of Genus Ceroglossus Solier. <b>2013</b> , 59, 769-777	8
1272	Scramble, Scurry and Dash: The Correlation between Motion Event Encoding and Manner Verb Lexicon Size in Indo-European. <b>2013</b> , 3, 169-217	13

1271	Ecological and dietary correlates of stable hydrogen isotope ratios in fur and body water of syntopic tropical bats. <b>2013</b> , 94, 346-55	11
1270	Length of activity season drives geographic variation in body size of a widely distributed lizard. <b>2013</b> , 3, 2424-2442	35
1269	Flow of Information during an Evolutionary Process: The Case of Influenza A Viruses. <b>2013</b> , 15, 3065-3087	1
1268	Reconstruction of ancestral 16S rRNA reveals mutation bias in the evolution of optimal growth temperature in the Thermotogae phylum. <b>2013</b> , 30, 2463-74	4
1267	Cultural Evolution Branches Out: The Phylogenetic Approach in Cross-Cultural Research. <b>2013</b> , 47, 102-130	18
1266	Function-valued traits in evolution. <b>2013</b> , 10, 20121032	14
1265	No evidence for directional evolution of body mass in herbivorous theropod dinosaurs. <b>2013</b> , 280, 20122526	35
1264	The collective action problem in primate territory economics. <b>2013</b> , 280, 20130081	72
1263	Evolution of sperm structure and energetics in passerine birds. <b>2013</b> , 280, 20122616	35
1262	Embryonic growth and antioxidant provision in avian eggs. <b>2013</b> , 9, 20130757	26
1261	Revisiting the impacts of non-random extinction on the tree-of-life. <b>2013</b> , 9, 20130343	22
1260	Phylogenetic prediction of the maximum per capita rate of population growth. <b>2013</b> , 280, 20130523	13
1259	Radiation and repeated transoceanic dispersal of Schoeneae (Cyperaceae) through the southern hemisphere. <b>2013</b> , 100, 2494-508	31
1258	Phylogenetic influences on leaf trait integration in Pelargonium (Geraniaceae): convergence, divergence, and historical adaptation to a rapidly changing climate. <b>2013</b> , 100, 1306-21	18
1257	Rates of agonism among female primates: a cross-taxon perspective. <b>2013</b> , 24, 1369-1380	33
1256	Variation in human brains may facilitate evolutionary change toward a limited range of phenotypes. <b>2013</b> , 81, 74-85	24
1255	Evolutionary Modeling of Genotype-Phenotype Associations, and Application to Primate Coding and Non-coding mtDNA Rate Variation. <b>2013</b> , 9, 301-16	6
1254	Using landscape history to predict biodiversity patterns in fragmented landscapes. <b>2013</b> , 16, 1221-33	55



1253	Ejaculate quality and constraints in relation to sperm competition levels among eutherian mammals. <b>2013</b> , 67, 3052-60	38
1252	Trees, thickets, or something in between? Recent theoretical and empirical work in cultural phylogeny. <b>2013</b> , 59, 45-61	14
1251	Microcephaly genes and the evolution of sexual dimorphism in primate brain size. <b>2013</b> , 26, 906-11	12
1250	Did trichromatic color vision and red hair color coevolve in primates?. <b>2013</b> , 75, 740-51	23
1249	Tracing horizontal Wolbachia movements among bees (Anthophila): a combined approach using multilocus sequence typing data and host phylogeny. <b>2013</b> , 22, 6149-62	45
1248	Climate drives vein anatomy in Proteaceae. <b>2013</b> , 100, 1483-93	23
1247	Evolution of limited seed dispersal ability on gypsum islands. <b>2013</b> , 100, 1811-22	18
1246	On Being the Right Size. 1-10	4
1245	ACTN3 allele frequency in humans covaries with global latitudinal gradient. <b>2013</b> , 8, e52282	23
1244	Measures of the constitutive immune system are linked to diet and roosting habits of neotropical bats. <b>2013</b> , 8, e54023	50
1243	Brain volume of the newly-discovered species <i>Rhynchocyon udzungwensis</i> (Mammalia: Afrotheria: Macroscelidea): implications for encephalization in sengis. <b>2013</b> , 8, e58667	5
1242	Functional implications of ubiquitous semicircular canal non-orthogonality in mammals. <b>2013</b> , 8, e79585	62
1241	Shifts in climate foster exceptional opportunities for species radiation: the case of South african geraniums. <b>2013</b> , 8, e83087	10
1240	Explosive radiation in high Andean <i>Hypericum</i> -rates of diversification among New World lineages. <b>2013</b> , 4, 175	47
1239	Conical expansion of the outer subventricular zone and the role of neocortical folding in evolution and development. <b>2013</b> , 7, 424	77
1238	Distributional Patterns of Alien Plants in China: The Relative Importance of Phylogenetic History and Functional Attributes. <b>2013</b> , 2013, 1-8	
1237	II.7. Using Phylogenies to Study Phenotypic Evolution: Comparative Methods and Tests of Adaptation. <b>2013</b> , 100-105	
1236	Macroecology of Harvestman Mating Systems. <b>2013</b> , 115-162	5

1235	DNA content variation and its significance in the evolution of the genus <i>Micrasterias</i> (Desmidiaceae, Streptophyta). <b>2014</b> , 9, e86247	9
1234	The Middle Miocene ape <i>Pierolapithecus catalaunicus</i> exhibits extant great ape-like morphometric affinities on its patella: inferences on knee function and evolution. <b>2014</b> , 9, e91944	15
1233	Comparative analysis of classic brain component sizes in relation to flightiness in birds. <b>2014</b> , 9, e91960	18
1232	Correlated evolution between mode of larval development and habitat in muricid gastropods. <b>2014</b> , 9, e94104	7
1231	Evolution of rapid development in spadefoot toads is unrelated to arid environments. <b>2014</b> , 9, e96637	15
1230	The influence of photoreceptor size and distribution on optical sensitivity in the eyes of lanternfishes (Myctophidae). <b>2014</b> , 9, e99957	28
1229	Mixed species flock, nest height, and elevation partially explain avian haemoparasite prevalence in Colombia. <b>2014</b> , 9, e100695	52
1228	Adaptation and convergent evolution within the <i>Jamesonia-Eriosorus</i> complex in high-elevation biodiverse Andean hotspots. <b>2014</b> , 9, e110618	18
1227	Major evolutionary trends in hydrogen isotope fractionation of vascular plant leaf waxes. <b>2014</b> , 9, e112610	60
1226	Scaling up the curvature of mammalian metabolism. <b>2014</b> , 2,	6
1225	Comparative genomics of brain size evolution. <b>2014</b> , 8, 345	11
1224	Evolutionary dynamics of algal traits and diversity. <b>2014</b> , 1, 53-60	6
1223	The immatures of lauxaniid flies (Diptera: Lauxaniidae) and their taxonomical implications. <b>2014</b> , 3780, 401-54	1
1222	Larger mammalian body size leads to lower retroviral activity. <b>2014</b> , 10, e1004214	36
1221	Phylogenetic reconstruction of Bantu kinship challenges Main Sequence Theory of human social evolution. <b>2014</b> , 111, 17414-9	29
1220	Species traits explain variation in detectability of UK birds. <b>2014</b> , 61, 340-350	41
1219	Genome size evolution in Ontario ferns (Polypodiaceae): evolutionary correlations with cell size, spore size, and habitat type and an absence of genome downsizing. <b>2014</b> , 57, 555-66	18
1218	Wind pollination, clonality, and the evolutionary maintenance of spatial segregation of the sexes. <b>2014</b> , 28, 1121-1138	6

1217	Colony size is linked to paternity frequency and paternity skew in yellowjacket wasps and hornets. <b>2014</b> , 14, 277	17
1216	Temporal genomic evolution of bird sex chromosomes. <b>2014</b> , 14, 250	31
1215	Increased brain size in mammals is associated with size variations in gene families with cell signalling, chemotaxis and immune-related functions. <b>2014</b> , 281, 20132428	10
1214	The influence of feeding on the evolution of sensory signals: a comparative test of an evolutionary trade-off between masticatory and sensory functions of skulls in southern African horseshoe bats (Rhinolophidae). <b>2014</b> , 27, 2829-40	14
1213	Correcting for differential transcript coverage reveals a strong relationship between alternative splicing and organism complexity. <b>2014</b> , 31, 1402-13	79
1212	The contribution of viral genotype to plasma viral set-point in HIV infection. <b>2014</b> , 10, e1004112	33
1211	An adaptive threshold in mammalian neocortical evolution. <b>2014</b> , 12, e1002000	105
1210	RidgeRace: ridge regression for continuous ancestral character estimation on phylogenetic trees. <b>2014</b> , 30, i527-33	18
1209	Rates of dinosaur body mass evolution indicate 170 million years of sustained ecological innovation on the avian stem lineage. <b>2014</b> , 12, e1001853	245
1208	Metabolism and the rise of fungus cultivation by ants. <b>2014</b> , 184, 364-73	22
1207	Do plant reproductive traits influence species susceptibility to decline?. <b>2014</b> , 147, 154-164	12
1206	Sexual size dimorphism is not associated with the evolution of parental care in frogs. <b>2014</b> , 4, 4001-8	5
1205	Gradual and contingent evolutionary emergence of leaf mimicry in butterfly wing patterns. <b>2014</b> , 14, 229	28
1204	Ultrametric trees or phylograms for ancestral state reconstruction: Does it matter?. <b>2014</b> , 63, 721-726	21
1203	The evolution of large brain size in birds is related to social, not genetic, monogamy. <b>2014</b> , 111, 668-678	26
1202	Dominance hierarchy arising from the evolution of a complex small RNA regulatory network. <b>2014</b> , 346, 1200-5	39
1201	Heterothermy in pouched mammals [a review]. <b>2014</b> , 292, 74-85	19
1200	Host plant utilization, host range oscillations and diversification in nymphalid butterflies: a phylogenetic investigation. <b>2014</b> , 68, 105-24	67

- 1199 Near-to-nature logging influences fungal community assembly processes in a temperate forest. **2014**, 51, 939-948 68
- 1198 Conspicuous visual signals do not coevolve with increased body size in marine sea slugs. **2014**, 27, 676-87 20
- 1197 Muscle trade-offs in a power-amplified prey capture system. **2014**, 68, 1399-414 23
- 1196 Functional distinctiveness of major plant lineages. **2014**, 102, 345-356 87
- 1195 The community-level effect of light on germination timing in relation to seed mass: a source of regeneration niche differentiation. **2014**, 204, 496-506 40
- 1194 Nesting and acoustic ecology, but not phylogeny, influence passerine urban tolerance. **2014**, 20, 803-10 25
- 1193 Parallel adaptations to nectarivory in parrots, key innovations and the diversification of the Loriinae. **2014**, 4, 2867-83 19
- 1192 Rapid development of brood-parasitic cuckoo embryos cannot be explained by increased gas exchange through the eggshell. **2014**, 293, 219-226 18
- 1191 Scaling the primate lateral geniculate nucleus: niche and neurodevelopment in the regulation of magnocellular and parvocellular cell number and nucleus volume. **2014**, 522, 1839-57 7
- 1190 Human behavioral ecology and its evil twin. **2014**, 25, 443-449 14
- 1189 Experimental evidence that the Ornstein-Uhlenbeck model best describes the evolution of leaf litter decomposability. **2014**, 4, 3339-49 13
- 1188 Markov-chain approach to the distribution of ancestors in species of biparental reproduction. **2014**, 90, 022125 3
- 1187 Does body mass convey a digestive advantage for large herbivores?. **2014**, 28, 1127-1134 40
- 1186 Tempo and mode of the multiple origins of salinity tolerance in a water beetle lineage. **2014**, 23, 360-73 24
- 1185 Light-dependent associations of germination timing with subsequent life-history traits and maternal habitats for 476 angiosperm species of the eastern Tibetan Plateau grasslands. **2014**, 24, 207-215 10
- 1184 Blood flow for bone remodelling correlates with locomotion in living and extinct birds. **2014**, 217, 2956-62 10
- 1183 Inferring ancestral states without assuming neutrality or gradualism using a stable model of continuous character evolution. **2014**, 14, 226 47
- 1182 The European functional tree of bird life in the face of global change. **2014**, 5, 3118 48

1181	Salt- and alkaline-tolerance are linked in Acacia. <b>2014</b> , 10,	25
1180	Auxiliary tRNAs: large-scale analysis of tRNA genes reveals patterns of tRNA repertoire dynamics. <b>2014</b> , 42, 6552-66	8
1179	Species divergence and phylogenetic variation of ecophysiological traits in lianas and trees. <b>2014</b> , 9, e99871	7
1178	The correlation between motion event encoding and path verb lexicon size in the Indo-European language family. <b>2014</b> , 35,	4
1177	Increased Photosynthetic Capacity as a Mechanism of Drought Adaptation in C3 Plants. <b>2014</b> , 175, 1033-1041	6
1176	Evolutionary association between subterranean lifestyle and female sociality in rodents. <b>2014</b> , 79, 101-109	12
1175	Phenotypic and phylogenetic evidence for the role of food and habitat in the assembly of communities of marine amphipods. <b>2014</b> , 95, 775-86	29
1174	Does moonlight increase predation risk? Meta-analysis reveals divergent responses of nocturnal mammals to lunar cycles. <b>2014</b> , 83, 504-14	158
1173	Identifying species' characteristics associated with natural population die-offs in mammals. <b>2014</b> , 17, 35-43	7
1172	A phylogenetically-informed trait-based analysis of range change in the vascular plant flora of Britain. <b>2014</b> , 23, 171-185	23
1171	Is cold hardiness size-constrained? A comparative approach in land snails. <b>2014</b> , 28, 471-493	16
1170	A universe of dwarfs and giants: genome size and chromosome evolution in the monocot family Melanthiaceae. <b>2014</b> , 201, 1484-1497	67
1169	Functional and Phylogenetic Ecology in R. <b>2014</b> ,	262
1168	Australian Snakes Do Not Follow Bergmann's Rule. <b>2014</b> , 41, 327-335	28
1167	The Use (and Misuse) of Phylogenetic Trees in Comparative Behavioral Analyses. <b>2014</b> , 35, 32-54	6
1166	Inferring the accumulation of morphological disparity in epiphyllous liverworts. <b>2014</b> , 14, 151-162	6
1165	Trade-offs between constitutive and induced defences drive geographical and climatic clines in pine chemical defences. <b>2014</b> , 17, 537-46	150
1164	Selection for mechanical advantage underlies multiple cranial optima in new world leaf-nosed bats. <b>2014</b> , 68, 1436-49	62

1163	Is the island rule general? Turtles disagree. <b>2014</b> , 23, 689-700	55
1162	Ambush or active life: foraging mode influences haematocrit levels in snakes. <b>2014</b> , 111, 636-645	13
1161	The ancient Britons: groundwater fauna survived extreme climate change over tens of millions of years across NW Europe. <b>2014</b> , 23, 1153-66	57
1160	Predicting extinction risk of Brazilian Atlantic forest angiosperms. <b>2014</b> , 28, 1349-59	52
1159	Phylogenetic, ecological, and allometric correlates of cranial shape in Malagasy lemuriforms. <b>2014</b> , 68, 1450-68	22
1158	The evolution of bipedalism in jerboas (rodentia: Dipodoidea): origin in humid and forested environments. <b>2014</b> , 68, 2108-18	12
1157	Ecological, historical and evolutionary determinants of modularity in weighted seed-dispersal networks. <b>2014</b> , 17, 454-63	125
1156	Evolutionary origins and diversification of proteobacterial mutualists. <b>2014</b> , 281, 20132146	42
1155	Scale-dependent adaptive evolution and morphological convergence to climatic niche in Californian eriogonoids (Polygonaceae). <b>2014</b> , 41, 1326-1337	7
1154	Plant traits predict inter- and intraspecific variation in susceptibility to herbivory in a hyperdiverse Neotropical rain forest tree community. <b>2014</b> , 102, 939-952	46
1153	Rensch's rule and sexual dimorphism in salamanders: patterns and potential processes. <b>2014</b> , 293, 143-151	19
1152	Ecological traits influence the phylogenetic structure of bird species co-occurrences worldwide. <b>2014</b> , 17, 811-20	54
1151	Neutral biogeography and the evolution of climatic niches. <b>2014</b> , 183, 573-84	45
1150	Mitochondrial DNA as a tool for reconstructing past life-history traits in mammals. <b>2014</b> , 27, 899-910	13
1149	Analysis of taxonomic and geographic patterns of Turkish <i>Veronica orientalis</i> using nuclear and plastid DNA and morphological data. <b>2014</b> , 300, 645-664	8
1148	Decoupled evolution of foliar freezing resistance, temperature niche and morphological leaf traits in Chilean <i>Myrceugenia</i> . <b>2014</b> , 102, 972-980	12
1147	A test of the metabolic theory of ecology with two longevity data sets reveals no common cause of scaling in biological times. <b>2014</b> , 44, 204-214	17
1146	High rates of evolution preceded the origin of birds. <b>2014</b> , 68, 1497-510	51

1145	Adaptive and nonadaptive genome size evolution in Karst endemic flora of China. <b>2014</b> , 202, 1371-1381	64
1144	In vivo baseline measurements of hip joint range of motion in suspensory and nonsuspensory anthropoids. <b>2014</b> , 153, 417-34	32
1143	Fast demographic traits promote high diversification rates of Amazonian trees. <b>2014</b> , 17, 527-36	48
1142	Correlated loss of ecosystem services in coupled mutualistic networks. <b>2014</b> , 5, 3810	36
1141	Heterogeneity in individual quality and reproductive trade-offs within species. <b>2014</b> , 68, 2306-18	49
1140	The utility of cranial ontogeny for phylogenetic inference: a case study in crocodylians using geometric morphometrics. <b>2014</b> , 27, 1078-92	29
1139	Strong links between genomic and anatomical diversity in both mammalian olfactory chemosensory systems. <b>2014</b> , 281, 20132828	55
1138	Competition and constraint drove Cope's rule in the evolution of giant flying reptiles. <b>2014</b> , 5, 3567	41
1137	Disentangling the contribution of sexual selection and ecology to the evolution of size dimorphism in pinnipeds. <b>2014</b> , 68, 1485-96	34
1136	Using an updated time-calibrated family-level phylogeny of seed plants to test for non-random patterns of life forms across the phylogeny. <b>2014</b> , 52, 423-430	29
1135	Global warming favours light-coloured insects in Europe. <b>2014</b> , 5, 3874	91
1134	A universal primer set to amplify the cytochrome c oxidase subunit I gene in bears. <b>2014</b> , 25, 73-77	1
1133	The role of gravity in the evolution of mammalian blood pressure. <b>2014</b> , 68, 901-8	38
1132	Stasis and convergence characterize morphological evolution in eupolypod II ferns. <b>2014</b> , 113, 35-54	44
1131	How do novel signals originate? The evolution of fairy-wren songs from predator to display contexts. <b>2014</b> , 88, 57-65	8
1130	Links between plant species' spatial and temporal responses to a warming climate. <b>2014</b> , 281, 20133017	33
1129	Linking diatom sensitivity to herbicides to phylogeny: a step forward for biomonitoring?. <b>2014</b> , 48, 1921-30	48
1128	Evolutionary history of plant microRNAs. <b>2014</b> , 19, 175-82	138

1127	Robust regression and posterior predictive simulation increase power to detect early bursts of trait evolution. <b>2014</b> , 63, 293-308	70
1126	Sociality of <i>Octodontomys gliroides</i> and other octodontid rodents reflects the influence of phylogeny. <b>2014</b> , 95, 968-980	10
1125	The role of phylogeny and ecology in shaping morphology in 21 genera and 127 species of Australo-Papuan myobatrachid frogs. <b>2014</b> , 27, 181-92	32
1124	An evolutionary perspective on leaf economics: phylogenetics of leaf mass per area in vascular plants. <b>2014</b> , 4, 2799-811	36
1123	Phylogenetic patterns of climatic, habitat and trophic niches in a European avian assemblage. <b>2014</b> , 23, 414-424	67
1122	Small and ugly? Phylogenetic analyses of the "selfing syndrome" reveal complex evolutionary fates of monomorphic primrose flowers. <b>2014</b> , 68, 1042-57	33
1121	Species radiation by niche shifts in New Zealand's rockcresses ( <i>Pachycladon</i> , Brassicaceae). <b>2014</b> , 63, 192-202	24
1120	Reproductive mode evolution in lizards revisited: updated analyses examining geographic, climatic and phylogenetic effects support the cold-climate hypothesis. <b>2014</b> , 27, 2767-80	17
1119	Eye size and visual acuity influence vestibular anatomy in mammals. <b>2014</b> , 297, 781-90	15
1118	Correlation of quantitative bone histology data with life history and climate: a phylogenetic approach. <b>2014</b> , 112, 678-687	10
1117	Sexual conflict. The evolution of infanticide by males in mammalian societies. <b>2014</b> , 346, 841-4	134
1116	Phylogenetic signal in extinction selectivity in Devonian terebratulide brachiopods. <b>2014</b> , 40, 675-692	18
1115	Intraspecific divergence and convergence of floral tube length in specialized pollination interactions. <b>2014</b> , 281,	33
1114	Coevolution of caudal skeleton and tail feathers in birds. <b>2014</b> , 275, 1431-40	3
1113	Is there an association between root architecture and mycorrhizal growth response?. <b>2014</b> , 204, 192-200	91
1112	Prediction of mean adult survival rates of southern African birds from demographic and ecological covariates. <b>2014</b> , 156, 741-754	4
1111	Predictors of extinction risk of passerine birds in a Central European country. <b>2014</b> , 17, 498-506	10
1110	Functional equivalence of grasping cerci and nuptial food gifts in promoting ejaculate transfer in katydids. <b>2014</b> , 68, 2052-65	14



1109	The role of pollinator diversity in the evolution of corolla-shape integration in a pollination-generalist plant clade. <b>2014</b> , 369, 20130257	35
1108	Sexual selection and diversification: reexamining the correlation between dichromatism and speciation rate in birds. <b>2014</b> , 184, E101-14	46
1107	Metabolic scaling in animals: methods, empirical results, and theoretical explanations. <b>2014</b> , 4, 231-56	104
1106	The evolution of the placenta drives a shift in sexual selection in livebearing fish. <i>Nature</i> , <b>2014</b> , 513, 233-6.4	108
1105	Do chromosome numbers reflect phylogeny? New counts for Bombacoideae and a review of Malvaceae s.l. <b>2014</b> , 101, 1456-65	11
1104	What drives flexibility in primate social organization?. <b>2014</b> , 68, 1677-1692	23
1103	Modern Phylogenetic Comparative Methods and Their Application in Evolutionary Biology. <b>2014</b> ,	155
1102	Metrics and Models of Community Phylogenetics. <b>2014</b> , 451-464	15
1101	A global model of the response of tropical and sub-tropical forest biodiversity to anthropogenic pressures. <b>2014</b> , 281,	126
1100	Ecomorphology and phylogenetic risk: Implications for habitat reconstruction using fossil bovids. <b>2014</b> , 73, 47-57	28
1099	Imputation of missing data in life-history trait datasets: which approach performs the best?. <b>2014</b> , 5, 961-970	155
1098	Predictors of contraction and expansion of area of occupancy for British birds. <b>2014</b> , 281,	32
1097	Working with the Tree of Life in Comparative Studies: How to Build and Tailor Phylogenies to Interspecific Datasets. <b>2014</b> , 19-48	20
1096	A Primer on Phylogenetic Generalised Least Squares. <b>2014</b> , 105-130	179
1095	Statistical Issues and Assumptions of Phylogenetic Generalized Least Squares. <b>2014</b> , 131-153	98
1094	An Introduction to Phylogenetic Path Analysis. <b>2014</b> , 201-229	49
1093	Keeping Yourself Updated: Bayesian Approaches in Phylogenetic Comparative Methods with a Focus on Markov Chain Models of Discrete Character Evolution. <b>2014</b> , 263-286	11
1092	Multimodel-Inference in Comparative Analyses. <b>2014</b> , 305-331	38

1091	Modelling Stabilizing Selection: The Attraction of Ornstein-Uhlenbeck Models. <b>2014</b> , 381-393	11
1090	Detecting Phenotypic Selection by Approximate Bayesian Computation in Phylogenetic Comparative Methods. <b>2014</b> , 409-424	6
1089	Phylogenetic Prediction to Identify Evolutionary Singularities <b>2014</b> , 481-514	18
1088	Preparing Paleontological Datasets for Phylogenetic Comparative Methods. <b>2014</b> , 515-544	14
1087	A linear-time algorithm for Gaussian and non-Gaussian trait evolution models. <b>2014</b> , 63, 397-408	447
1086	Relative brain size in Australian birds. <b>2014</b> ,	5
1085	Complexity of ruminant masticatory evolution. <b>2014</b> , 275, 1093-102	11
1084	Loss of avian phylogenetic diversity in neotropical agricultural systems. <b>2014</b> , 345, 1343-6	152
1083	Phylogenetic measures of biodiversity and neo- and paleo-endemism in Australian Acacia. <b>2014</b> , 5, 4473	144
1082	The red island and the seven dwarfs: body size reduction in Cheirogaleidae. <b>2014</b> , 41, 1833-1847	16
1081	Frugivory is associated with low measures of plasma oxidative stress and high antioxidant concentration in free-ranging bats. <b>2014</b> , 101, 285-90	22
1080	Small-scale spatial variability in phylogenetic community structure during early plant succession depends on soil properties. <b>2014</b> , 175, 985-95	17
1079	Socioecology, but not cognition, predicts male coalitions across primates. <b>2014</b> , 25, 794-801	31
1078	CopyRighter: a rapid tool for improving the accuracy of microbial community profiles through lineage-specific gene copy number correction. <b>2014</b> , 2, 11	158
1077	The evolution of self-control. <b>2014</b> , 111, E2140-8	477
1076	Plain faces are more expressive: comparative study of facial colour, mobility and musculature in primates. <b>2014</b> , 10, 20140275	14
1075	Common-garden studies on adaptive radiation of photosynthetic physiology among Hawaiian lobeliads. <b>2014</b> , 281, 20132944	18
1074	Flower colour and phylogeny along an altitudinal gradient in the Himalayas of Nepal. <b>2014</b> , 102, 126-135	57

1073	Clinical applications of pathogen phylogenies. <b>2014</b> , 20, 394-404	8
1072	A generalized K statistic for estimating phylogenetic signal from shape and other high-dimensional multivariate data. <b>2014</b> , 63, 685-97	338
1071	Global variation in thermal tolerances and vulnerability of endotherms to climate change. <b>2014</b> , 281, 20141097	163
1070	Microcephaly genes evolved adaptively throughout the evolution of eutherian mammals. <b>2014</b> , 14, 120	20
1069	Scale effects and morphological diversification in hindlimb segment mass proportions in neognath birds. <b>2014</b> , 11, 37	7
1068	Diet and body temperature in mammals and birds. <b>2014</b> , 23, 1000-1008	19
1067	Spatial synchrony in stream fish populations: influence of species traits. <b>2014</b> , 37, 960-968	19
1066	The relationship between play, brain growth and behavioural flexibility in primates. <b>2014</b> , 90, 281-286	29
1065	Directional biases in phylogenetic structure quantification: a Mediterranean case study. <b>2014</b> , 37, 572-580	17
1064	A phylogenetic Kalman filter for ancestral trait reconstruction using molecular data. <b>2014</b> , 30, 488-96	6
1063	Leaf out times of temperate woody plants are related to phylogeny, deciduousness, growth habit and wood anatomy. <b>2014</b> , 203, 1208-1219	84
1062	Phylogeny and forelimb disparity in waterbirds. <b>2014</b> , 68, 2847-60	13
1061	Can trait-based analyses of changes in species distribution be transferred to new geographic areas?. <b>2014</b> , 23, 1009-1018	11
1060	Testing the stages model in the adaptive radiation of cichlid fishes in East African Lake Tanganyika. <b>2014</b> , 281,	37
1059	Unexpected phenological responses of butterflies to the interaction of urbanization and geographic temperature. <b>2014</b> , 95, 2613-2621	53
1058	Plant polyphenols – implications of different sampling, storage and sample processing in biodiversity-ecosystem functioning experiments. <b>2014</b> , 30, 676-692	16
1057	Bone histology, phylogeny, and palaeognathous birds (Aves: Palaeognathae). <b>2014</b> , 112, 688-700	18
1056	Character displacement of Cercopithecini primate visual signals. <b>2014</b> , 5, 4266	46

1055	Sexual selection targets cetacean pelvic bones. <b>2014</b> , 68, 3296-306	27
1054	Phylogenetics of the gastropod genus <i>Nucella</i> (Neogastropoda: Muricidae): species identities, timing of diversification and correlated patterns of life-history evolution. <b>2014</b> , 80, 341-353	13
1053	Plant functional traits as determinants of population stability. <b>2014</b> , 95, 2369-2374	45
1052	Trophic divergence despite morphological convergence in a continental radiation of snakes. <b>2014</b> , 281,	22
1051	How body mass and lifestyle affect juvenile biomass production in placental mammals. <b>2014</b> , 281, 20132818	13
1050	Sexual dimorphism in the cephalothorax of freshwater crabs of genus <i>Aegla</i> Leach from Chile (Decapoda, Anomura, Aegliidae): an interspecific approach based on distance variables. <b>2014</b> , 133, 379-389	7
1049	Elemental stoichiometry of Fungi and Bacteria strains from grassland leaf litter. <b>2014</b> , 76, 278-285	99
1048	Elaborate visual and acoustic signals evolve independently in a large, phenotypically diverse radiation of songbirds. <b>2014</b> , 281, 20140967	49
1047	A comparative analysis of dispersal syndromes in terrestrial and semi-terrestrial animals. <b>2014</b> , 17, 1039-52	150
1046	Dynamic evolution of mitochondrial ribosomal proteins in Holozoa. <b>2014</b> , 76, 67-74	8
1045	Low scaling of a life history variable: Analysing eutherian gestation periods with and without phylogeny-informed statistics. <b>2014</b> , 79, 9-16	34
1044	New Guinean passerines have globally small clutch-sizes. <b>2014</b> , 114, 304-308	5
1043	Are antimicrobial defences in bird eggs related to climatic conditions associated with risk of trans-shell microbial infection?. <b>2014</b> , 11, 49	19
1042	Geological Time. 25-54	
1041	Evolution and Earth Systems. 15-24	
1040	Diachronic change in Indo-European motion event encoding. <b>2014</b> , 4, 40-83	8
1039	Effective population size does not predict codon usage bias in mammals. <b>2014</b> , 4, 3887-900	9
1038	Explaining forest productivity using tree functional traits and phylogenetic information: two sides of the same coin over evolutionary scale?. <b>2015</b> , 5, 1774-83	30

1037	The role of phylogeny and life history of migratory waterbirds in designing fishpond management plans. <b>2015</b> , 85, 288-295	2
1036	Network analysis of host-virus communities in bats and rodents reveals determinants of cross-species transmission. <b>2015</b> , 18, 1153-1162	64
1035	Gene turnover in the avian globin gene families and evolutionary changes in hemoglobin isoform expression. <b>2015</b> , 32, 871-87	31
1034	Hosts of avian brood parasites have evolved egg signatures with elevated information content. <b>2015</b> , 282,	23
1033	Trade-offs in the evolution of bumblebee colony and body size: a comparative analysis. <b>2015</b> , 5, 3914-26	20
1032	Exceptional avian herbivores: multiple transitions toward herbivory in the bird order Anseriformes and its correlation with body mass. <b>2015</b> , 5, 5016-32	26
1031	Species mtDNA genetic diversity explained by infrapopulation size in a host-symbiont system. <b>2015</b> , 5, 5801-9	10
1030	Thermal tolerance and climate warming sensitivity in tropical snails. <b>2015</b> , 5, 5905-19	37
1029	Assessing the latitudinal gradient in herbivory. <b>2015</b> , 24, 1106-1112	47
1028	Brain composition in <i>Godyris zavaleta</i> , a diurnal butterfly, Reflects an increased reliance on olfactory information. <b>2015</b> , 523, 869-91	45
1027	Insect phylogenomics. <b>2015</b> , 24, 403-11	12
1026	Simultaneously estimating evolutionary history and repeated traits phylogenetic signal: applications to viral and host phenotypic evolution. <b>2015</b> , 6, 67-82	15
1025	mvmorph: an r package for fitting multivariate evolutionary models to morphometric data. <b>2015</b> , 6, 1311-1319	198
1024	Evolution of opercle shape in cichlid fishes from Lake Tanganyika - adaptive trait interactions in extant and extinct species flocks. <b>2015</b> , 5, 16909	10
1023	The Evolutionary Ecology of the Family. <b>2015</b> , 1-17	
1022	Signal honesty and predation risk among a closely related group of aposematic species. <b>2015</b> , 5, 11021	45
1021	Nitrogen limitation as a driver of genome size evolution in a group of karst plants. <b>2015</b> , 5, 11636	28
1020	Role of the host restriction factor APOBEC3 on papillomavirus evolution. <b>2015</b> , 1,	34

1019	Phylogenetic signals in host-parasite associations for Neotropical bats and Nearctic desert rodents. <b>2015</b> , 116, 312-327	7
1018	Biogeography and evolution of <i>Dolichandra</i> (Bignoniaceae). <b>2015</b> , 179, 403-420	8
1017	Faster diversification on land than sea helps explain global biodiversity patterns among habitats and animal phyla. <b>2015</b> , 18, 1234-1241	64
1016	Tempo and mode of climatic niche evolution in Primates. <b>2015</b> , 69, 2496-506	14
1015	The influence of climate on avian nest construction across large geographical gradients. <b>2015</b> , 24, 1203-1211	25
1014	Life span variation in 13 <i>Drosophila</i> species: a comparative study on life span, environmental variables and stress resistance. <b>2015</b> , 28, 1892-900	7
1013	Molecular data extend Australian <i>Cricotopus</i> midge (Chironomidae) species diversity, and provide a phylogenetic hypothesis for biogeography and freshwater monitoring. <b>2015</b> , 175, 496-509	8
1012	Multiple independent origins of auto-pollination in tropical orchids ( <i>Bulbophyllum</i> ) in light of the hypothesis of selfing as an evolutionary dead end. <b>2015</b> , 15, 192	20
1011	Sex-linked genomic variation and its relationship to avian plumage dichromatism and sexual selection. <b>2015</b> , 15, 199	15
1010	Comparative morphology of the postpharyngeal gland in the Philanthinae (Hymenoptera, Crabronidae) and the evolution of an antimicrobial brood protection mechanism. <b>2015</b> , 15, 291	5
1009	Macroevolutionary developmental biology: Embryos, fossils, and phylogenies. <b>2015</b> , 244, 1184-92	13
1008	Trait-related responses to habitat fragmentation in Amazonian bats. <b>2015</b> , 52, 1381-1391	91
1007	Trubs, but no trianas: filled and empty regions of angiosperm stem length-diameter-mechanics space. <b>2015</b> , 179, 361-373	4
1006	Effects of roost specialization on extinction risk in bats. <b>2015</b> , 29, 1666-73	15
1005	Investigating evolutionary lag using the species-pairs evolutionary lag test (SPELT). <b>2015</b> , 69, 245-53	5
1004	No evidence that sex and transposable elements drive genome size variation in evening primroses. <b>2015</b> , 69, 1053-62	26
1003	The evolution of fecundity is associated with female body size but not female-biased sexual size dimorphism among frogs. <b>2015</b> , 28, 1793-803	14
1002	Convergent evolution across the Australian continent: ecotype diversification drives morphological convergence in two distantly related clades of Australian frogs. <b>2015</b> , 28, 2136-51	18

1001	Energetic benefits and adaptations in mammalian limbs: Scale effects and selective pressures. <b>2015</b> , 69, 1546-1559	7
1000	A trade-off between precopulatory and postcopulatory trait investment in male cetaceans. <b>2015</b> , 69, 1560-1572	47
999	The influence of growth patterns on sexual size monomorphism in lemurs. <b>2015</b> , 28, 1670-81	1
998	Does vocal learning accelerate acoustic diversification? Evolution of contact calls in Neotropical parrots. <b>2015</b> , 28, 1782-92	19
997	Connecting proximate mechanisms and evolutionary patterns: pituitary gland size and mammalian life history. <b>2015</b> , 28, 1997-2008	3
996	Particle-association lifestyle is a phylogenetically conserved trait in bathypelagic prokaryotes. <b>2015</b> , 24, 5692-706	63
995	Plant herbivory responses through changes in leaf quality have no effect on subsequent leaf-litter decomposition in a neotropical rain forest tree community. <b>2015</b> , 207, 817-29	19
994	Diversification of body shape in <i>Sebastes</i> rockfishes of the north-east Pacific. <b>2015</b> , 116, 805-818	18
993	Using ecophysiological traits to predict climatic and activity niches: lethal temperature and water loss in Mediterranean ants. <b>2015</b> , 24, 1454-1464	23
992	Circulating white blood cell counts in captive and wild rodents are influenced by body mass rather than testes mass, a correlate of mating promiscuity. <b>2015</b> , 29, 823-829	21
991	The evolution of genome size and rDNA in diploid species of <i>Chenopodium</i> s.l. (Amaranthaceae). <b>2015</b> , 179, 218-235	14
990	Is geographic variation within species related to macroevolutionary patterns between species?. <b>2015</b> , 28, 1502-15	10
989	Evolution of the premaxillary fraenum and substratum in snubnose darters and allies (Percidae: <i>Etheostoma</i> ). <b>2015</b> , 87, 1090-8	1
988	Analysis of the giant genomes of <i>Fritillaria</i> (Liliaceae) indicates that a lack of DNA removal characterizes extreme expansions in genome size. <b>2015</b> , 208, 596-607	92
987	Femoral condyle curvature is correlated with knee walking kinematics in ungulates. <b>2015</b> , 298, 2039-50	4
986	Why close relatives make bad neighbours: phylogenetic conservatism in niche preferences and dispersal disproves Darwin's naturalization hypothesis in the thistle tribe. <b>2015</b> , 24, 3181-93	18
985	Global variation in thermal physiology of birds and mammals: evidence for phylogenetic niche conservatism only in the tropics. <b>2015</b> , 42, 2187-2196	47
984	Species colonisation, not competitive exclusion, drives community overdispersion over long-term succession. <b>2015</b> , 18, 964-73	72

983 Comparative Method in Evolutionary Studies. **2015**, 415-422

982 Comparative analysis: recent developments and uses with parasites. 337-350

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981 Elevation, moisture and shade drive the functional and phylogenetic meadow communities assembly in the northeastern Tibetan Plateau. **2015**, 16, 66-75

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980 Evolution of courtship display in Estrildid finches: dance in relation to female song and plumage ornamentation. **2015**, 3,

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979 Diversity in olfactory bulb size in birds reflects allometry, ecology, and phylogeny. **2015**, 9, 102

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978 Integrating brain, behavior, and phylogeny to understand the evolution of sensory systems in birds. **2015**, 9, 281

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977 Phylogenetic signals in ecological properties of parasites. 351-359

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975 Anhydrobiosis and freezing-tolerance: adaptations that facilitate the establishment of *Panagrolaimus* nematodes in polar habitats. **2015**, 10, e0116084

18

974 Ecosystem functions across trophic levels are linked to functional and phylogenetic diversity. **2015**, 10, e0117595

49

973 Community Phylogenetics: Assessing Tree Reconstruction Methods and the Utility of DNA Barcodes. **2015**, 10, e0126662

27

972 Disproportionate Cochlear Length in Genus *Homo* Shows a High Phylogenetic Signal during Apes' Hearing Evolution. **2015**, 10, e0127780

33

971 Adaptive Communication: Languages with More Non-Native Speakers Tend to Have Fewer Word Forms. **2015**, 10, e0128254

20

970 It's Not Easy Being Blue: Are There Olfactory and Visual Trade-Offs in Plant Signalling?. **2015**, 10, e0131725

11

969 Future Tense and Economic Decisions: Controlling for Cultural Evolution. **2015**, 10, e0132145

45

968 Microparasites and Placental Invasiveness in Eutherian Mammals. **2015**, 10, e0132563

11

967 Behavioral Correlates of Primates Conservation Status: Intrinsic Vulnerability to Anthropogenic Threats. **2015**, 10, e0135585

6

966 Common Ancestry Is a Poor Predictor of Competitive Traits in Freshwater Green Algae. **2015**, 10, e0137085

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965	Lessons from Red Data Books: Plant Vulnerability Increases with Floral Complexity. <b>2015</b> , 10, e0138414	12
964	Convergent Evolution towards High Net Carbon Gain Efficiency Contributes to the Shade Tolerance of Palms (Arecaceae). <b>2015</b> , 10, e0140384	7
963	Body Size Adaptations to Altitudinal Climatic Variation in Neotropical Grasshoppers of the Genus <i>Sphenarium</i> (Orthoptera: Pyrgomorphidae). <b>2015</b> , 10, e0145248	8
962	Partitioning the impact of environment and spatial structure on alpha and beta components of taxonomic, functional, and phylogenetic diversity in European ants. <b>2015</b> , 3, e1241	36
961	Constant diversification rates of endemic gastropods in ancient Lake Ohrid: ecosystem resilience likely buffers environmental fluctuations. <b>2015</b> , 12, 7209-7222	26
960	Discovery of a glowing millipede in California and the gradual evolution of bioluminescence in Diplopoda. <b>2015</b> , 112, 6419-24	19
959	Patterns of host plant utilization and diversification in the brush-footed butterflies. <b>2015</b> , 69, 589-601	28
958	Full Issue. <b>2015</b> , 132, i-i	
957	The function of ant repellence by flowers: testing the Nectar protection and Pollinator protection hypotheses. <b>2015</b> , 29, 391-403	7
956	Infectious disease and group size: more than just a numbers game. <b>2015</b> , 370,	101
955	Evolutionary signals of symbiotic persistence in the legume-rhizobia mutualism. <b>2015</b> , 112, 10262-9	36
954	Origin and evolution of fleshy fruit in woody bamboos. <b>2015</b> , 91, 123-34	11
953	The hypothesis of adaptive radiation in evolutionary biology: hard facts about a hazy concept. <b>2015</b> , 15, 747-761	24
952	Relation between flower head traits and florivory in Asteraceae: a phylogenetically controlled approach. <b>2015</b> , 102, 407-16	6
951	A functional group analysis of change in the abundance and distribution of 207 plant species across 115 years in north-central North America. <b>2015</b> , 24, 2439-2457	9
950	Life-history traits and shell morphology in the genus <i>Leptoxis</i> Rafinesque, 1819 (Gastropoda: Cerithioidea: Pleuroceridae). <b>2015</b> , 81, 85-95	5
949	Floral cost vs. floral display: Insights from the megadiverse Myrtales suggest that energetically expensive floral parts are less phylogenetically constrained. <b>2015</b> , 102, 900-9	8
948	Leaf economics of evergreen and deciduous tree species along an elevational gradient in a subtropical mountain. <b>2015</b> , 7,	23

947	Model Adequacy and the Macroevolution of Angiosperm Functional Traits. <b>2015</b> , 186, E33-50	109
946	Using the BirdTree.org website to obtain robust phylogenies for avian comparative studies: A primer. <b>2015</b> , 61, 959-965	105
945	Fossils and living taxa agree on patterns of body mass evolution: a case study with Afrotheria. <b>2015</b> , 282, 20152023	21
944	Phylogenetic Analysis Supports a Link between DUF1220 Domain Number and Primate Brain Expansion. <b>2015</b> , 7, 2083-8	20
943	Herbivory increases diversification across insect clades. <b>2015</b> , 6, 8370	113
942	Size is not everything: rates of genome size evolution, not C-value, correlate with speciation in angiosperms. <b>2015</b> , 282, 20152289	49
941	Where do all the motion verbs come from?. <b>2015</b> , 32, 69-104	11
940	Cope's Rule and the Universal Scaling Law of Ornament Complexity. <b>2015</b> , 186, 165-75	8
939	Correlated evolution of microhabitat, morphology, and behavior in West Indian Anolis lizards: a test of the habitat matrix model. <b>2015</b> , 152, 1187-1207	9
938	An ethogram of the Humboldt squid <i>Dosidicus gigas</i> Orbigny (1835) as observed from remotely operated vehicles. <b>2015</b> , 152, 1911-1932	8
937	Bees and evolution of occluded corollas in snapdragons and relatives (Antirrhineae). <b>2015</b> , 17, 467-475	18
936	Large pollen at high temperature: an adaptation to increased competition on the stigma?. <b>2015</b> , 216, 1407-1417	10
935	Constraint around Quarter-Power Allometric Scaling in Wild Tomatoes ( <i>Solanum</i> sect. <i>Lycopersicon</i> ; Solanaceae). <b>2015</b> , 186, 421-33	12
934	Increased tolerance to humans among disturbed wildlife. <b>2015</b> , 6, 8877	153
933	The evolution of relative brain size in marsupials is energetically constrained but not driven by behavioral complexity. <b>2015</b> , 85, 125-35	24
932	Variation in thermal tolerance of North American ants. <b>2015</b> , 48, 65-8	36
931	Fur or feather? Feeding preferences of species of <i>Culicoides</i> biting midges in Europe. <b>2015</b> , 31, 16-22	48
930	Evolution of niche preference in <i>Sphagnum</i> peat mosses. <b>2015</b> , 69, 90-103	39

929	Interspecific competition affects evolutionary links between cavity nesting, migration and clutch size in Old World flycatchers (Muscicapidae). <b>2015</b> , 157, 299-311	6
928	Phylogenetic correlations among chemical and physical plant defenses change with ontogeny. <b>2015</b> , 206, 796-806	44
927	Water relations traits of C4 grasses depend on phylogenetic lineage, photosynthetic pathway, and habitat water availability. <b>2015</b> , 66, 761-73	36
926	Geographic range shifts do not erase the historic signal of speciation in mammals. <b>2015</b> , 185, 343-53	25
925	Locomotor Mode and the Evolution of the Hindlimb in Western Mediterranean Anurans. <b>2015</b> , 42, 199-209	25
924	Phylogenetic Comparative Methods for Evaluating the Evolutionary History of Function-Valued Traits. <b>2015</b> , 64, 568-78	25
923	Temperature responses of the Rubisco maximum carboxylase activity across domains of life: phylogenetic signals, trade-offs, and importance for carbon gain. <b>2015</b> , 123, 183-201	55
922	Brains, brawn and sociality: a hyaena's tale. <b>2015</b> , 103, 237-248	67
921	Acrobatic courtship display coevolves with brain size in manakins (Pipridae). <b>2015</b> , 85, 29-36	27
920	Gene expression defines natural changes in mammalian lifespan. <b>2015</b> , 14, 352-65	92
919	The influence of temperature seasonality on elevational range size across latitude: a test using <i>Liolaemus</i> lizards. <b>2015</b> , 24, 632-641	18
918	Pollen limitation, species floral traits and pollinator visitation: different relationships in contrasting communities. <b>2015</b> , 124, 174-186	40
917	Introduced and invasive cactus species: a global review. <b>2014</b> , 7,	79
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915	Bayesian species delimitation combining multiple genes and traits in a unified framework. <b>2015</b> , 69, 492-507	112
914	Towards a general framework for predicting threat status of data-deficient species from phylogenetic, spatial and environmental information. <b>2015</b> , 370, 20140016	78
913	Ecological Marginalization Facilitated Diversification in Conifers. <b>2015</b> , 42, 146-155	1
912	Measurement errors should always be incorporated in phylogenetic comparative analysis. <b>2015</b> , 6, 340-346	54

911	Losing history: how extinctions prune features from the tree of life. <b>2015</b> , 370, 20140006	16
910	Native California soils are selective reservoirs for multidrug-resistant bacteria. <b>2015</b> , 7, 442-9	11
909	The effect of habitat and body size on the evolution of vocal displays in Thraupidae (tanagers), the largest family of songbirds. <b>2015</b> , 114, 538-551	35
908	Species interactions during diversification and community assembly in Malagasy <i>Miniopterus</i> bats. <b>2015</b> , 29, 17-47	7
907	Do turtles follow the rules? Latitudinal gradients in species richness, body size, and geographic range area of the world's turtles. <b>2015</b> , 324, 270-94	36
906	Environmental and biological controls on size-specific $\delta^{13}\text{C}$ and $\delta^{18}\text{O}$ in recent planktonic foraminifera. <b>2015</b> , 30, 151-173	35
905	Evolution of island warblers: beyond bills and masses. <b>2015</b> , 46, 236-244	14
904	Thermoregulatory behaviour limits local adaptation of thermal niches and confers sensitivity to climate change. <b>2015</b> , 29, 1038-1047	163
903	VirtualCom: a simulation model for eco-evolutionary community assembly and invasion. <b>2015</b> , 6, 735-743	14
902	Increasing the efficiency of MCMC for hierarchical phylogenetic models of categorical traits using reduced mixed models. <b>2015</b> , 6, 706-714	19
901	Phylogenetic diversity-ecosystem function relationships are insensitive to phylogenetic edge lengths. <b>2015</b> , 29, 718-723	17
900	Variation in promiscuity and sexual selection drives avian rate of Faster-Z evolution. <b>2015</b> , 24, 1218-35	52
899	Fine root morphology is phylogenetically structured, but nitrogen is related to the plant economics spectrum in temperate trees. <b>2015</b> , 29, 796-807	66
898	Food intake rates of herbivorous mammals and birds and the influence of body mass. <b>2015</b> , 61, 91-102	4
897	The role of pollinators in floral diversification in a clade of generalist flowers. <b>2015</b> , 69, 863-78	38
896	Dissociating several forms of commonness in birds sheds new light on biotic homogenization. <b>2015</b> , 24, 416-426	33
895	Aerodynamics and pollen ultrastructure in <i>Ephedra</i> . <b>2015</b> , 102, 457-70	28
894	Organization of the Mammalian Metabolome according to Organ Function, Lineage Specialization, and Longevity. <b>2015</b> , 22, 332-43	68

893	Ecological correlates of vulnerability to fragmentation in forest birds on inundated subtropical land-bridge islands. <b>2015</b> , 191, 251-257	26
892	Scaling of cerebral blood perfusion in primates and marsupials. <b>2015</b> , 218, 2631-40	17
891	Molecular phylogenetics of the species-rich angiosperm genus <i>Goniothalamus</i> (Annonaceae) inferred from nine chloroplast DNA regions: Synapomorphies and putative correlated evolutionary changes in fruit and seed morphology. <b>2015</b> , 92, 124-39	12
890	CLIMATE CHANGE. Climate change impacts on bumblebees converge across continents. <b>2015</b> , 349, 177-80	414
889	Drivers of Intensity and Prevalence of Flea Parasitism on Small Mammals in East African Savanna Ecosystems. <b>2015</b> , 101, 327-35	21
888	Global DNA cytosine methylation as an evolving trait: phylogenetic signal and correlated evolution with genome size in angiosperms. <b>2015</b> , 6, 4	68
887	Vision in avian emberizid foragers: maximizing both binocular vision and fronto-lateral visual acuity. <b>2015</b> , 218, 1347-58	37
886	Morphology and burrowing energetics of semi-fossorial skinks ( <i>Liopholis</i> spp.). <b>2015</b> , 218, 2416-26	29
885	Hynobiidae origin in middle Cretaceous corroborated by the new mitochondrial genome of <i>Hynobius chinensis</i> . <b>2015</b> , 22, 37-44	1
884	Shape determines fire tolerance of seeds in temperate grasslands that are not prone to fire. <b>2015</b> , 17, 397-404	16
883	Neutral Theory Overestimates Extinction Times in Nonhuman Primates. <b>2015</b> , 36, 790-801	
882	Strong phylogenetic signals and phylogenetic niche conservatism in ecophysiological traits across divergent lineages of Magnoliaceae. <b>2015</b> , 5, 12246	37
881	Phylogenetic ANOVA: The Expression Variance and Evolution Model for Quantitative Trait Evolution. <b>2015</b> , 64, 695-708	47
880	Species Selection Favors Dispersive Life Histories in Sea Slugs, but Higher Per-Offspring Investment Drives Shifts to Short-Lived Larvae. <b>2015</b> , 64, 983-99	34
879	Inferring horizontal gene transfer. <b>2015</b> , 11, e1004095	142
878	The origins and evolution of dwarf males and habitat use in thoracican barnacles. <b>2015</b> , 91, 1-11	28
877	The causes and consequences of changes in virulence following pathogen host shifts. <b>2015</b> , 11, e1004728	72
876	Hawk models, hawk mimics, and antipredator behavior of prey. <b>2015</b> , 26, 1039-1044	10

875	Eighteenth-century genomes show that mixed infections were common at time of peak tuberculosis in Europe. <b>2015</b> , 6, 6717	122
874	Thermal adaptation, phylogeny, and the unimodal size scaling of marine phytoplankton growth. <b>2015</b> , 60, 1212-1221	17
873	Phylogenetic gradient analysis: environmental drivers of phylogenetic variation across ecological communities. <b>2015</b> , 216, 709-724	10
872	Selection played a role in the evolution of the human chin. <b>2015</b> , 82, 127-36	11
871	Digesta kinetics in gazelles in comparison to other ruminants: Evidence for taxon-specific rumen fluid throughput to adjust digesta washing to the natural diet. <b>2015</b> , 185, 58-68	26
870	Intraspecific trait variation is correlated with establishment success of alien mammals. <b>2015</b> , 185, 737-46	41
869	Clutch size declines with elevation in tropical birdsEl tamañ de la nidada disminuye con la elevaciñ en las aves tropicalesClutch size declines with elevation in tropical birds. <b>2015</b> , 132, 424-432	24
868	Evolutionary patterns of adaptive acrobatics and physical performance predict expression profiles of androgen receptor - but not oestrogen receptor - in the forelimb musculature. <b>2015</b> , 29, 1197-1208	39
867	Environmental proxies of antigen exposure explain variation in immune investment better than indices of pace of life. <b>2015</b> , 177, 281-90	33
866	Systematic significance and evolutionary dynamics of the achene twin hairs in Filago (Asteraceae, Gnaphalieae) and related genera: further evidence of morphological homoplasy. <b>2015</b> , 301, 1653-1668	9
865	Impact of the terrestrial-aquatic transition on disparity and rates of evolution in the carnivoran skull. <b>2015</b> , 15, 8	18
864	Phylogenetic uncertainty revisited: Implications for ecological analyses. <b>2015</b> , 69, 1301-12	62
863	Evolution of Angiosperm Pollen. 1. Introduction1. <b>2015</b> , 100, 177-226	24
862	Disentangling the Size and Shape Components of Sexual Dimorphism. <b>2015</b> , 42, 223-234	22
861	Thermal sensitivity of cold climate lizards and the importance of distributional ranges. <b>2015</b> , 118, 281-90	22
860	Substantial variation in leaf senescence times among 1360 temperate woody plant species: implications for phenology and ecosystem processes. <b>2015</b> , 116, 865-73	56
859	Contrasting growth phenology of native and invasive forest shrubs mediated by genome size. <b>2015</b> , 207, 659-68	21
858	Relationships of diversity, disparity, and their evolutionary rates in squirrels (Sciuridae). <b>2015</b> , 69, 1284-300	48

857	Seed size and the evolution of leaf defences. <b>2015</b> , 103, 1057-1068	7
856	Adaptive evolution toward larger size in mammals. <b>2015</b> , 112, 5093-8	76
855	Available Climate Regimes Drive Niche Diversification during Range Expansion. <b>2015</b> , 185, 640-52	16
854	Identifying environmental versus phylogenetic correlates of behavioural ecology in gibbons: implications for conservation management of the world's rarest ape. <b>2015</b> , 15, 171	5
853	Evolutionary Ethnobiology. <b>2015</b> ,	13
852	Causes of Discordance between Allometries at and above Species Level: An Example with Aquatic Beetles. <b>2015</b> , 186, 176-86	8
851	Fundamental insights into ontogenetic growth from theory and fish. <b>2015</b> , 112, 13934-9	29
850	The effects of life history and sexual selection on male and female plumage colouration. <i>Nature</i> , <b>2015</b> , 527, 367-70	50.4 192
849	Daily torpor and hibernation in birds and mammals. <b>2015</b> , 90, 891-926	443
848	Why Selection Might Be Stronger When Populations Are Small: Intron Size and Density Predict within and between-Species Usage of Exonic Splice Associated cis-Motifs. <b>2015</b> , 32, 1847-61	24
847	Full Issue. <b>2015</b> , 132, i-i	
846	Host abundance, durability, basidiome form and phylogenetic isolation determine fungivore species richness. <b>2015</b> , 114, 699-708	14
845	Is genome downsizing associated with diversification in polyploid lineages of <i>Veronica</i> ?. <b>2015</b> , 178, 243-266	37
844	The evolution of avian wing shape and previously unrecognized trends in covert feathering. <b>2015</b> , 282, 20151935	21
843	What defines an adaptive radiation? Macroevolutionary diversification dynamics of an exceptionally species-rich continental lizard radiation. <b>2015</b> , 15, 153	54
842	Secondary phloem diversity and evolution in Bignoniaceae (Bignoniaceae). <b>2015</b> , 116, 333-58	18
841	Evolution of displays in Galápagos lava lizards: comparative analyses of signallers and robot playbacks to receivers. <b>2015</b> , 109, 33-44	14
840	Phylogenetic signal in diatom ecology: perspectives for aquatic ecosystems biomonitoring. <b>2015</b> ,	4

- 839 Telomeres shorten more slowly in slow-aging wild animals than in fast-aging ones. **2015**, 71, 38-47 55
- 838 Ecological Divergence, Adaptive Diversification, and the Evolution of Social Signaling Traits: An Empirical Study in Arid Australian Lizards. **2015**, 186, E144-61 14
- 837 Ancestral reconstruction of reproductive traits shows no tendency toward terrestriality in leptodactyline frogs. **2015**, 15, 91 15
- 836 Phylogenetic signal in amphibian sensitivity to copper sulfate relative to experimental temperature. **2015**, 25, 596-602 15
- 835 As old as the mountains: the radiations of the Ericaceae. **2015**, 207, 355-367 108
- 834 Exploring Eucladoceros ecomorphology using geometric morphometrics. **2015**, 298, 291-313 19
- 833 Phylogenetic niche conservatism - common pitfalls and ways forward. **2015**, 29, 627-639 72
- 832 Ecology has contrasting effects on genetic variation within species versus rates of molecular evolution across species in water beetles. **2015**, 282, 20142476 22
- 831 Form, function, and geometric morphometrics. **2015**, 298, 5-28 61
- 830 Phylogenetic and biogeographical patterns in defensive strategies and quantitative allocation to chemical defences in Palaearctic and Nearctic pine trees. **2015**, 42, 684-693 20
- 829 Why is Madagascar special? The extraordinarily slow evolution of pelican spiders (Araneae, Archaeidae). **2015**, 69, 462-81 16
- 828 The evolution of projectile points and technical systems: A case from Northern Patagonian coast (Argentina). **2015**, 2, 612-623 4
- 827 Spore wall traits of ectomycorrhizal and saprotrophic agarics may mirror their distinct lifestyles. **2015**, 17, 197-204 37
- 826 Infectious disease, behavioural flexibility and the evolution of culture in primates. **2015**, 282, 20140862 26
- 825 Morphological divergence in a continental adaptive radiation: South American ovenbirds of the genus *Cinclodes*. **2015**, 132, 180-190 3
- 824 Carotenoid-based bill coloration functions as a social, not sexual, signal in songbirds (Aves: Passeriformes). **2015**, 28, 250-8 17
- 823 The evolutionary history of Afrocanarian blue tits inferred from genomewide SNPs. **2015**, 24, 180-91 30
- 822 Evolution of pollination niches in a generalist plant clade. **2015**, 205, 440-53 31



821	The struggle for safety: effectiveness of caterpillar defenses against bird predation. <b>2015</b> , 124, 525-533	21
820	Late bloomers and baby boomers: ecological drivers of longevity in squamates and the tuatara. <b>2015</b> , 24, 396-405	52
819	Effects of human-modified landscapes on taxonomic, functional and phylogenetic dimensions of bat biodiversity. <b>2015</b> , 21, 523-533	85
818	Analysis of synaptic gene expression in the neocortex of primates reveals evolutionary changes in glutamatergic neurotransmission. <b>2015</b> , 25, 1596-607	16
817	Not all sharks are "swimming noses": variation in olfactory bulb size in cartilaginous fishes. <b>2015</b> , 220, 1127-43	75
816	Multispecies interactions across trophic levels at macroscales: retrospective and future directions. <b>2015</b> , 38, 346-357	53
815	Increased hatching success as a direct benefit of polyandry in birds. <b>2015</b> , 69, 264-70	20
814	Dispersal is linked to habitat use in 59 species of water beetles (Coleoptera: Adepnaga) on Madagascar. <b>2015</b> , 38, 732-739	18
813	Chemical signalling in lizards: an interspecific comparison of femoral pore numbers in Lacertidae. <b>2015</b> , 114, 44-57	45
812	Basal metabolism in tropical birds: latitude, altitude, and the pace of life <b>2015</b> , 29, 338-346	77
811	Faecal particle size: digestive physiology meets herbivore diversity. <b>2015</b> , 179, 182-91	38
810	Phenological responses to climate change do not exhibit phylogenetic signal in a subalpine plant community. <b>2015</b> , 96, 355-61	37
809	Hsp90 promotes kinase evolution. <b>2015</b> , 32, 91-9	35
808	Structural insights into the architecture of the hyperthermophilic Fusellovirus SSV1. <b>2015</b> , 474, 105-9	22
807	Song structure, not high-frequency song content, determines high-frequency auditory sensitivity in nine species of New World sparrows (Passeriformes: Emberizidae). <b>2015</b> , 29, 487-497	13
806	Life-history traits and climatic responsiveness in noctuid moths. <b>2015</b> , 124, 235-242	10
805	Untangling the influence of phylogeny, soil and climate on leaf element concentrations in a biodiversity hotspot. <b>2015</b> , 29, 165-176	57
804	The relative importance of color signaling for plant generalization in pollination networks. <b>2015</b> , 124, 347-354	9

803	Ectomycorrhizal fungi have larger fruit bodies than saprotrophic fungi. <b>2015</b> , 17, 205-212	33
802	Role of Caribbean Islands in the diversification and biogeography of Neotropical Heraclides swallowtails. <b>2015</b> , 31, 291-314	22
801	Postsacral vertebral morphology in relation to tail length among primates and other mammals. <b>2015</b> , 298, 354-75	21
800	Morphology predicting ecology: incorporating new methodological and analytical approaches. <b>2015</b> , 98, 713-724	9
799	A compendium of temperature responses of Rubisco kinetic traits: variability among and within photosynthetic groups and impacts on photosynthesis modeling. <b>2016</b> , 67, 5067-91	47
798	Evolution of seed dispersal in the Cerrado biome: ecological and phylogenetic considerations. <b>2016</b> , 30, 271-282	23
797	Fruits and frugivores of the Brazilian Cerrado: ecological and phylogenetic considerations. <b>2016</b> , 30, 495-507	16
796	Evolution of the Gene Is Linked to Intelligence in Mammals. <b>2016</b> , 1, 1-12	3
795	A Metric on the Space of Partly Reduced Phylogenetic Networks. <b>2016</b> , 2016, 7534258	2
794	The Early Evolution of Rhynchosaurs. <b>2016</b> , 3,	28
793	Territoriality, Social Bonds, and the Evolution of Communal Signaling in Birds. <b>2016</b> , 4,	61
792	Taxonomic Separation of Hippocampal Networks: Principal Cell Populations and Adult Neurogenesis. <b>2016</b> , 10, 22	15
791	Phylogenetic Structure of Foliar Spectral Traits in Tropical Forest Canopies. <b>2016</b> , 8, 196	28
790	Macro-Climatic Distribution Limits Show Both Niche Expansion and Niche Specialization among C4 Panicoids. <b>2016</b> , 11, e0151075	7
789	Vertebral Adaptations to Large Body Size in Theropod Dinosaurs. <b>2016</b> , 11, e0158962	11
788	A Comprehensive Study of Cyanobacterial Morphological and Ecological Evolutionary Dynamics through Deep Geologic Time. <b>2016</b> , 11, e0162539	45
787	Within-Site Variation in Feather Stable Hydrogen Isotope ( $\delta^2\text{Hf}$ ) Values of Boreal Songbirds: Implications for Assignment to Molt Origin. <b>2016</b> , 11, e0163957	11
786	. <b>2016</b> ,	1

785	Sperm size evolution in African greenbul (Passeriformes: Pycnonotidae). <b>2016</b> , 117, 337-349	3
784	Evolution of dentition in salamanders: relative roles of phylogeny and diet. <b>2016</b> , 119, 960-973	5
783	Abrupt shortening of bird W chromosomes in ancestral Neognathae. <b>2016</b> , 119, 488-496	5
782	Disentangling environmental drivers of metabolic flexibility in birds: the importance of temperature extremes versus temperature variability. <b>2016</b> , 39, 787-795	35
781	Contrasting patterns of lichen functional diversity and species richness across an elevation gradient. <b>2016</b> , 39, 689-698	61
780	Marginal Models Via GLS: A Convenient Yet Neglected Tool for the Analysis of Correlated Data in the Behavioural Sciences. <b>2016</b> , 122, 621-631	35
779	No ecological opportunity signal on a continental scale? Diversification and life-history evolution of African true toads (Anura: Bufonidae). <b>2016</b> , 70, 1717-33	31
778	Bergmann's rule in the oceans? Temperature strongly correlates with global interspecific patterns of body size in marine mammals. <b>2016</b> , 25, 1206-1215	23
777	Phylogenetic conservatism and climate factors shape flowering phenology in alpine meadows. <b>2016</b> , 182, 419-28	11
776	Ornament size and colour as alternative strategies for effective communication in gliding lizards. <b>2016</b> , 29, 1689-700	10
775	Plant regeneration from seeds responds to phylogenetic relatedness and local adaptation in Mediterranean <i>Romulea</i> (Iridaceae) species. <b>2016</b> , 6, 4166-78	28
774	Is the relationship between mast-seeding and weather in oaks related to their life-history or phylogeny?. <b>2016</b> , 97, 2603-2615	38
773	The locomotion of <i>Babakotia radofilai</i> inferred from epiphyseal and diaphyseal morphology of the humerus and femur. <b>2016</b> , 277, 1199-218	14
772	Metabolism correlates with variation in post-natal growth rate among songbirds at three latitudes. <b>2016</b> , 30, 743-748	14
771	Niche width impacts vertebrate diversification. <b>2016</b> , 25, 1252-1263	37
770	Ecological and evolutionary variation in community nitrogen use traits during tropical dry forest secondary succession. <b>2016</b> , 97, 1194-206	15
769	Reorganization of taxonomic, functional, and phylogenetic ant biodiversity after conversion to rubber plantation. <b>2016</b> , 86, 215-227	41
768	The evolution of highly variable immunity genes across a passerine bird radiation. <b>2016</b> , 25, 977-89	33

767	Escape from the cryptic species trap: lichen evolution on both sides of a cyanobacterial acquisition event. <b>2016</b> , 25, 3453-68	25
766	Different rates of defense evolution and niche preferences in clonal and nonclonal milkweeds ( <i>Asclepias</i> spp.). <b>2016</b> , 209, 1230-9	12
765	Modelling the impacts of future climate change on plant communities in the Himalaya: a case study from Eastern Himalaya, India. <b>2016</b> , 2, 1	49
764	Evolutionary patterns and physicochemical properties explain macroinvertebrate sensitivity to heavy metals. <b>2016</b> , 26, 1249-59	19
763	Root traits are multidimensional: specific root length is independent from root tissue density and the plant economic spectrum. <b>2016</b> , 104, 1299-1310	231
762	Thermal tolerances to cold do not predict upper elevational limits in New Guinean montane birds. <b>2016</b> , 22, 309-317	22
761	Phylogenetic Correlation Between Male Nuptial Color and Behavioral Responses to Color Across a Diverse and Colorful Genus of Freshwater Fish ( <i>Etheostoma</i> spp., Teleostei: Percidae). <b>2016</b> , 122, 245-256	5
760	Selection, constraint, and the evolution of coloration in African starlings. <b>2016</b> , 70, 1064-79	29
759	Phylogenetic signal in diatom ecology: perspectives for aquatic ecosystems biomonitoring. <b>2016</b> , 26, 861-72	29
758	Photosynthesis, growth, and decay traits in <i>Sphagnum</i> - a multispecies comparison. <b>2016</b> , 6, 3325-41	59
757	Convergence of macroscopic tongue anatomy in ruminants and scaling relationships with body mass or tongue length. <b>2016</b> , 277, 351-62	9
756	The effect of body size and habitat on the evolution of alarm vocalizations in rodents. <b>2016</b> , 118, 745-751	15
755	The macroevolution of climatic niches and its role in ant diversification. <b>2016</b> , 41, 301-307	15
754	Uncovering the spatio-temporal drivers of species trait variances: a case study of Magnoliaceae in China. <b>2016</b> , 43, 1179-1191	6
753	Functional convergence and phylogenetic divergence during secondary succession of subtropical wet forests in Puerto Rico. <b>2016</b> , 27, 283-294	44
752	Commensal associations and benthic habitats shape macroevolution of the bivalve clade Galeommatoidae. <b>2016</b> , 283,	10
751	Mechanical properties of male genitalia in <i>Leiobunum</i> harvestmen (Opiliones: Sclerosomatidae). <b>2016</b> , 44, 199-209	5
750	Sperm production characteristics vary with level of sperm competition in <i>Cataglyphis</i> desert ants. <b>2016</b> , 30, 614-624	15

749	Fast and accurate detection of evolutionary shifts in Ornstein-Uhlenbeck models. <b>2016</b> , 7, 811-824	133
748	Positive phenotypic selection inferred from phylogenies. <b>2016</b> , 118, 95-115	44
747	Patterns and drivers of intraspecific variation in avian life history along elevational gradients: a meta-analysis. <b>2016</b> , 91, 469-82	66
746	Sexual selection on skeletal shape in Carnivora. <b>2016</b> , 70, 767-80	19
745	Sperm competition and the coevolution of pre- and postcopulatory traits: Weapons evolve faster than testes among onthophagine dung beetles. <b>2016</b> , 70, 998-1008	16
744	Integrating systematics and biogeography to disentangle the roles of history and ecology in biotic assembly. <b>2016</b> , 43, 1546-1559	20
743	Clovis Colonization of Eastern North America: A Phylogenetic Approach. <b>2016</b> , 2, 67-89	6
742	The evolution of morphospace in phytophagous scarab chafer: no competition--no divergence?. <b>2014</b> , 9, e98536	14
741	The evolution of extreme polyandry in social insects: insights from army ants. <b>2014</b> , 9, e105621	14
740	Snout shape in extant ruminants. <b>2014</b> , 9, e112035	11
739	Correlates of Recent Declines of Rodents in Northern and Southern Australia: Habitat Structure Is Critical. <b>2015</b> , 10, e0130626	25
738	Concerted Evolution of Duplicate Control Regions in the Mitochondria of Species of the Flatfish Family Bothidae (Teleostei: Pleuronectiformes). <b>2015</b> , 10, e0134580	11
737	Biomechanical Diversity of Mating Structures among Harvestmen Species Is Consistent with a Spectrum of Precopulatory Strategies. <b>2015</b> , 10, e0137181	17
736	Phylogenetic Reconstruction, Morphological Diversification and Generic Delimitation of Disepalum (Annonaceae). <b>2015</b> , 10, e0143481	9
735	Physiological Limits along an Elevational Gradient in a Radiation of Montane Ground Beetles. <b>2016</b> , 11, e0151959	18
734	Spatial, Phylogenetic, Environmental and Biological Components of Variation in Extinction Risk: A Case Study Using Banksia. <b>2016</b> , 11, e0154431	5
733	Cultural and Environmental Predictors of Pre-European Deforestation on Pacific Islands. <b>2016</b> , 11, e0156340	13
732	Trait Differentiation within the Fungus-Feeding (Mycophagous) Bacterial Genus Collimonas. <b>2016</b> , 11, e0157552	5

731	Functional Traits for Carbon Access in Macrophytes. <b>2016</b> , 11, e0159062	14
730	A Species-Level Phylogeny of Extant Snakes with Description of a New Colubrid Subfamily and Genus. <b>2016</b> , 11, e0161070	131
729	On the Morphological Description of Tracheal and Esophageal Displacement and Its Phylogenetic Distribution in Avialae. <b>2016</b> , 11, e0163348	3
728	Leaky doors: Private captivity as a prominent source of bird introductions in Australia. <b>2017</b> , 12, e0172851	14
727	Colonial, more widely distributed and less abundant bird species undergo wider population fluctuations independent of their population trend. <b>2017</b> , 12, e0173220	5
726	The mode and tempo of genome size evolution in the subgenus <i>Sophophora</i> . <b>2017</b> , 12, e0173505	7
725	Patterns of cetacean vaginal folds yield insights into functionality. <b>2017</b> , 12, e0175037	14
724	Formal comment on: Myhrvold (2016) Dinosaur metabolism and the allometry of maximum growth rate. PLoS ONE; 11(11): e0163205. <b>2018</b> , 13, e0184756	6
723	Disentangling the local-scale drivers of taxonomic, phylogenetic and functional diversity in woody plant assemblages along elevational gradients in South Korea. <b>2017</b> , 12, e0185763	13
722	Role of ecology in shaping external nasal morphology in bats and implications for olfactory tracking. <b>2020</b> , 15, e0226689	4
721	DISCORDANCE BETWEEN MORPHOLOGICAL AND MECHANICAL DIVERSITY IN THE FEEDING MECHANISM OF CENTRARCHID FISHES. <b>2006</b> , 60, 2575	4
720	Plant-herbivore interactions and secondary metabolites of plants: Ecological and evolutionary perspectives. <b>2018</b> , 96, 35	11
719	Thermal niche predicts recent changes in range size for bird species. <b>2017</b> , 73, 207-216	17
718	Evolution of Plant Architecture, Functional Diversification and Divergent Evolution in the Genus ( <i>Rubiaceae</i> ) for New Caledonia. <b>2018</b> , 9, 1775	8
717	Has frugivory influenced the macroecology and diversification of a tropical keystone plant family?. <b>2018</b> , 3, e14944	5
716	A multispecies coalescent model for quantitative traits. <b>2018</b> , 7,	26
715	Quantitative uniqueness of human brain evolution revealed through phylogenetic comparative analysis. <b>2019</b> , 8,	31
714	The African ape-like foot of and its implications for the origin of bipedalism. <b>2019</b> , 8,	13

713	The evolution of the vestibular apparatus in apes and humans. <b>2020</b> , 9,	9
712	Symptom evolution following the emergence of maize streak virus. <b>2020</b> , 9,	9
711	The ecomorphology of the shell of extant turtles and its applications for fossil turtles. <b>2020</b> , 8, e10490	3
710	Competitive interactions between a nonmycorrhizal invasive plant, <i>Alliaria petiolata</i> , and a suite of mycorrhizal grassland, old field, and forest species. <b>2015</b> , 3, e1090	10
709	An explanation of the relationship between mass, metabolic rate and characteristic length for placental mammals. <b>2015</b> , 3, e1228	3
708	Trait correlates of distribution trends in the Odonata of Britain and Ireland. <b>2015</b> , 3, e1410	22
707	Rates and modes of body size evolution in early carnivores and herbivores: a case study from Captorhinidae. <b>2016</b> , 4, e1555	10
706	Facial width-to-height ratio relates to dominance style in the genus <i>Macaca</i> . <b>2016</b> , 4, e1775	10
705	The macroevolution of size and complexity in insect male genitalia. <b>2016</b> , 4, e1882	5
704	Size and shape in the evolution of ant worker morphology. <b>2013</b> , 1, e205	14
703	Evolution of sexual dimorphism and Rensch's rule in the beetle genus ( <i>Hydraenidae</i> ): is sexual selection opportunistic?. <b>2017</b> , 5, e3060	5
702	Littorally adaptive? Testing the link between habitat, morphology, and reproduction in the intertidal sculpin subfamily <i>Oligocottinae</i> (Pisces: <i>Cottoidea</i> ). <b>2017</b> , 5, e3634	12
701	-Comparative spigot ontogeny across the spider tree of life. <b>2018</b> , 6, e4233	10
700	Testing the heat dissipation limitation hypothesis: basal metabolic rates of endotherms decrease with increasing upper and lower critical temperatures. <b>2018</b> , 6, e5725	1
699	Climatic niche evolution in the viviparous group (Squamata: <i>Phrynosomatidae</i> ). <b>2019</b> , 6, e6192	2
698	Different ecological processes determined the alpha and beta components of taxonomic, functional, and phylogenetic diversity for plant communities in dryland regions of Northwest China. <b>2019</b> , 6, e6220	12
697	Evolution of host plant use and diversification in a species complex of parasitic weevils (Coleoptera: <i>Curculionidae</i> ). <b>2019</b> , 7, e6625	3
696	Intragenomic polymorphisms among high-copy loci: a genus-wide study of nuclear ribosomal DNA in <i>Asclepias</i> ( <i>Apocynaceae</i> ). <b>2015</b> , 3, e718	33

695	Genomic analysis of variability in Delta-toxin levels between strains. <b>2020</b> , 8, e8717	7
694	Dental characters used in phylogenetic analyses of mammals show higher rates of evolution, but not reduced independence. <b>2020</b> , 8, e8744	4
693	Plastid genomes of the North American complex and phylogenomic implications of inverted repeat structural evolution in <i>L.</i> <b>2020</b> , 8, e9315	2
692	Seed ecology of European mesic meadows. <b>2021</b> ,	1
691	OUP accepted manuscript.	0
690	OUP accepted manuscript.	3
689	The correlation between wing interference patterns and body size in <i>Coniceromyia</i> Borgmeier (Diptera: Phoridae) and its implications to the understanding of the former as a sexually selected trait. <b>2021</b> , 59, 1951	0
688	Ecological drivers of eggshell wettability in birds. <b>2021</b> , 18, 20210488	2
687	Biogeography of <i>D. Don</i> (Bignoniaceae): Diversification, Andean Uplift and Niche Conservatism. <b>2021</b> , 12, 724057	1
686	The history of body size evolution in termites.	
685	Climate and habitat niche diversification in a southwest European squamate assemblage. <b>2021</b> , 35, 761	1
684	Plant height and lifespan predict range size in southern African grasses. <b>2021</b> , 48, 3047	1
683	Nature calls: intelligence and natural foraging style predict poor welfare in captive parrots. <b>2021</b> , 288, 20211952	5
682	Macroevolutionary consequences of mast seeding. <b>2021</b> , 376, 20200372	6
681	Habitat and phylogeny, but not morphology, are linked to fruit consumption in the most ecologically diverse bird family, the Furnariidae. 1-8	
680	Arboreality drives heat tolerance while elevation drives cold tolerance in tropical rainforest ants. <b>2021</b> , e03549	1
679	Niche evolution and historical biogeography of lady slipper orchids in North America and Eurasia. <b>2021</b> , 48, 2727-2741	2
678	Multiple evolutionary origins and losses of tooth complexity in squamates. <b>2021</b> , 12, 6001	4



- 677 Translation stalling proline motifs are enriched in slow-growing, thermophilic, and multicellular bacteria.
- 676 Novel Genomic Insights into Body Size Evolution in Cetaceans and a Resolution of Peto's Paradox.. **2022**, 199, E28-E42 1
- 675 The evolution of egg colour and patterning in Australian songbirds. **2021**, 75, 3132-3141
- 674 Locomotor habits and phenotypic evolution of the appendicular skeleton in the oryzomyalian radiation in the Neotropics (Sigmodontinae, Cricetidae, Rodentia). 0
- 673 Group size, temperature and body size modulate the effects of social hierarchy on basal cortisol levels in fishes. **2021**, 136, 105077 3
- 672 Using BayesModelS to provide Bayesian- and phylogenetically-informed primate body mass predictions. **2021**, 161, 103077 1
- 671 Comparative anatomy of the carotid canal in the Miocene small-bodied catarrhine *Pliobates cataloniae*. **2021**, 161, 103073 0
- 670 Statistical Physics and the Clustering Problem. **2004**, 253-272
- 669 Assembling the Tree of Life: Magnitude, Shortcuts and Pitfalls. **2006**, 49-62
- 668 Introduction. **2007**, 85-87
- 667 Introduction. **2007**, 165-166
- 666 References. 309-360
- 665 Epidemiological and Evolutionary Dynamics of Pathogens. 21-30
- 664 Phylo-linguistics: Enacting Darwin's Linguistic Image. **2015**, 825-852
- 663 Constant diversification rates of endemic gastropods in ancient Lake Ohrid: ecosystem resilience likely buffers environmental fluctuations. 4
- 662 Potential pitfalls in estimating viral load heritability. 1
- 661 Unexpected diversity in socially synchronized rhythms of shorebirds.
- 660 Correlated Evolution of Metabolic Functions over the Tree of Life. 0

- 659 Trait Correlates of Climatic Niche Tracking in British Birds.
- 658 North Andean origin and diversification of the largest ithomiine butterfly genus. 0
- 657 Conserving Phylogenetic Diversity can be a Poor Strategy for Conserving Functional Diversity.
- 656 Inference of Adaptive Shifts for Multivariate Correlated Traits. 1
- 655 Phylogenetic turnover during subtropical forest succession across environmental and phylogenetic scales.
- 654 Novel Computed Tomography-based tools reliably quantify plant reproductive investment.
- 653 Phylogenetic comparative methods on phylogenetic networks with reticulations. 0
- 652 The response to selection in Glycoside Hydrolase Family 13 structures: A comparative quantitative genetics approach.
- 651 The interface of malignant and immunologic clonal dynamics in high-grade serous ovarian cancer. 1
- 650 Ecological Insights from the Evolutionary History of Microbial Innovations.
- 649 The Distribution of Bacterial Doubling Times in the Wild. 1
- 648 Symbiont switching and alternative resource acquisition strategies drive mutualism breakdown.
- 647 Limb bone scaling in hopping macropods and quadrupedal artiodactyls.
- 646 Avian thermoregulation in the heat: is evaporative cooling more economical in nocturnal birds?.
- 645 A widespread thermodynamic effect, but maintenance of biological rates through space across life's major domains.
- 644 Evolutionary inferences about quantitative traits are affected by underlying genealogical discordance.
- 643 Continuous-trait probabilistic model for comparing multi-species functional genomic data.
- 642 Changes in temperature alter susceptibility to a virus following a host shift.

- 641 Evolution of neocortical folding: A phylogenetic comparative analysis of MRI from 34 primate species. 2
- 640 The dimensions of species diversity.
- 639 The multi-peak adaptive landscape of crocodylomorph body size evolution.
- 638 Pollinator size and its consequences: Predictive allometry for pollinating insects. 1
- 637 The interaction of phylogeny and community structure: linking clades, ecological structures and trait evolution.
- 636 Randomized lasso associates freshwater lake-system specific bacterial taxa with heterotrophic production through flow cytometry.
- 635 The allometry of brain size in mammals.
- 634 Herbarium records reveal early flowering in response to warming in the southern hemisphere. 0
- 633 How does genome size affect the evolution of pollen tube growth rate, a haploid performance trait?.
- 632 The grass subfamily Pooideae: late Cretaceous origin and climate-driven Cenozoic diversification.
- 631 Visual signal evolution along complementary color axes in four bird lineages.
- 630 The niche is not the range: Dispersal and persistence shape mismatches between ecological niches and geographic distributions of plants. 0
- 629 Risks to pollinators from different land-use transitions: bee species' responses to agricultural expansion show strong phylogenetic signal.
- 628 Genetic variation associated with infection and the environment in the accidental pathogen *Burkholderia pseudomallei*.
- 627 Temperature drives the evolution and global distribution of avian eggshell colour. 1
- 626 High angular resolution diffusion MRI reveals conserved and deviant programs in the paths that guide human cortical circuitry. 1
- 625 Quantifying shape, integration, and ecology in avian pedal claws: comparing geometric morphometric and traditional metric approaches.
- 624 Evolution of Phenotypic Sex Differences in Cooperative Species: is Competition an Opposing Force?. 2019, 53, 125

- 623 Butterfly abundance declines over 20 years of systematic monitoring in Ohio, USA. 1
- 622 Reliable Phylogenetic Regressions for Multivariate Comparative Data: Illustration with the MANOVA and Application to the Effect of Diet on Mandible Morphology in Phyllostomid Bats.
- 621 Origin of elevational replacements in a clade of nearly flightless birds [most diversity in tropical mountains accumulates via secondary contact following allopatric speciation. 1
- 620 Variation and selection on codon usage bias across an entire subphylum. 0
- 619 Mating strategy is determinant of Adenovirus prevalence in European bats.
- 618 Consistency and identifiability of the polymorphism-aware phylogenetic models.
- 617 Stable and widespread structural heteroplasmy in chloroplast genomes revealed by a new long-read quantification method. 0
- 616 Adaptive evolution shapes the present-day distribution of the thermal sensitivity of population growth rate. 0
- 615 Crocodylomorph cranial shape evolution and its relationship with body size and ecology.
- 614 Phylogenetic weighting does little to improve the accuracy of evolutionary coupling analyses.
- 613 Disentangling the impact of environmental and phylogenetic constraints on prokaryotic strain diversity. 0
- 612 Special care is needed in applying phylogenetic comparative methods to gene trees with speciation and duplication nodes. 0
- 611 Zygomorphic flowers have fewer potential pollinator species.
- 610 Three-dimensional characterisation of osteocyte volumes at multiple scales, and its relationship with bone biology and genome evolution in ray-finned fishes.
- 609 Responses of global waterbird populations to climate change vary with latitude. 1
- 608 A tale of winglets: evolution of flight morphology in stick insects.
- 607 The Evolution of Social Organization: Climate Influences Variation in Drosophilid Social Networks.
- 606 Rapid and independent evolution of ancestral and novel defenses in a genus of toxic plants (Erysimum, Brassicaceae). 1

- 605 Mother knows best: maternal egg-clutch size predicts larval group size in pine sawflies (genus *Neodiprion*).
- 604 Ecology, phylogeny, and the evolution of developmental duration in birds.
- 603 Unravelling ant-symbiont network topology across Europe. 0
- 602 Much more than a clasp: Evolutionary pattern of amplexus diversity in anurans.
- 601 Allopatric speciation is more prevalent than parapatric ecological divergence in tropical montane systems (Asteraceae: *Piofontia*). 2
- 600 Urban colonization is driven by a mixture of evolutionarily conserved and labile traits.
- 599 A Total-Evidence Dated Phylogeny of Echinoids and the Evolution of Body Size across Adaptive Landscape. 2
- 598 Geographic and subsequent biotic isolations led to a diversity anomaly of *Heterotropa* (Aristolochiaceae) in insular versus continental regions of the Sino-Japanese Floristic Region.
- 597 Coevolution of song and egg coloration: multimodal mating signals?.
- 596 Transparency in butterflies and moths: structural diversity, optical properties and ecological relevance. 2
- 595 Body size and climate as predictors of plumage colouration and sexual dichromatism in parrots.
- 594 Interspecies comparative metagenomics reveals correlated gut microbiome functional capacities among vertebrates.
- 593 Self-fertilization, but not mating strategy, predicts the evolution of sex allocation plasticity in a hermaphroditic flatworm genus. 1
- 592 Evolutionary heritage shapes tree distributions along an Amazon-to-Andes elevation gradient. 1
- 591 Rapid genomic expansion and purging associated with habitat transitions in a clade of beach crustaceans (Haustoriidae: Amphipoda). 1
- 590 Evolution of the patella and patelloid in marsupial mammals. 2020, 8, e9760 1
- 589 DNA methylation signatures of duplicate gene evolution in angiosperms. 1
- 588 Convergent evolution of increased urine concentrating ability in desert mammals.

- 587 A standardized effect size for evaluating and comparing the strength of phylogenetic signal. 0
- 586 Rubisco catalytic adaptation is mostly driven by photosynthetic conditions - Not by phylogenetic constraints. **2021**, 267, 153554 1
- 585 Mining a photo library: Eggs and egg sacs in a major spider family.
- 584 Floral traits and community phylogenetic structure shape plant-pollinator interactions in co-occurring Rhododendrons in the Himalaya. **2021**, 53, 125646 0
- 583 Spatiotemporal evolution of the global species diversity of Rhododendron. **2021**, 3
- 582 Seed viability in *Bursera*: The relative contribution of environmental variation and phylogenetic relatedness.
- 581 Evolution of Red Blood Cells in Extant and Extinct Tetrapods. **2020**, 54, 1434-1442
- 580 Mosaic patterns of homoplasy accompany the parallel evolution of suspensory adaptations in the forelimb of tree sloths (Folivora: Xenarthra). **2021**, 193, 445-463 2
- 579 Interplay between the cell envelope and mobile genetic elements shapes gene flow in populations of a nosocomial pathogen.
- 578 Variation in insect herbivore communities on individual plants reveals phylogenetic signal in uncertainty of attack in Brassicaceae.
- 577 Species Identification of Shed Snake Skins by Scanning Electron Microscopy, with Verification of Intraspecific Variations and Phylogenetic Comparative Analyses of Microdermatoglyphics. **2020**, 34, 0
- 576 Language extinction triggers the loss of unique medicinal knowledge.
- 575 The realised velocity of climate change reveals remarkable idiosyncrasy of species distributional shifts.
- 574 Bacterial Microevolution and the Pangenome. **2020**, 129-149 1
- 573 Mating strategy is determinant of adenovirus prevalence in European bats. **2020**, 15, e0226203 2
- 572 Should I shrink or should I flow? Body size adjustment to thermo-oxygenic niche.
- 571 The fungal collaboration gradient dominates the root economics space in plants. 3
- 570 Convergent evolution of niche structure in Northeast Pacific kelp forests. 0

- 569 Legs morphometric characters of the *Dolichopus* Latreille species, 1796 (Diptera, Dolichopodidae). **2020**, 9, 106-112 0
- 568 Divergence, gene flow and the origin of leapfrog geographic distributions: The history of color pattern variation in *Phyllobates* poison-dart frogs.
- 567 Birds of a Feather: Capturing Avian Shape Models from Images. **2021**, 1
- 566 hogwash: Three Methods for Genome-Wide Association Studies in Bacteria. 0
- 565 The Evolution Of Colouration And Opsins In Tarantulas.
- 564 Body stoichiometry of heterotrophs: assessing drivers of interspecific variations in elemental composition.
- 563 Karyotype asymmetry shapes diversity within the physaloids (Physalidinae, Physalideae, Solanaceae). 2
- 562 Multiple evolutionary origins and losses of tooth complexity in squamates.
- 561 Phylogenetic multilevel meta-analysis: A simulation study on the importance of modelling the phylogeny. 3
- 560 Do predators keep prey healthy or make them sicker? A meta-analysis. **2021**, 1
- 559 Convergent evolution of elaborate nests as structural defences in birds. 1
- 558 Zooplankton body size is filtered by a thermo-oxygenic niche at the regional scale. **2021**, 48, 2981 0
- 557 Selection on convergent functional traits drives compositional divergence in early succession of a tallgrass prairie restoration experiment. 1
- 556 Diversification, disparification, and hybridization in the desert shrubs *Encelia*.
- 555 Viral susceptibility across host species is largely independent of dietary protein to carbohydrate ratios. 1
- 554 Rubisco adaptation is more limited by phylogenetic constraint than by catalytic trade-off.
- 553 The evolution of latitudinal ranges in reef-associated fishes: heritability, limits, and inverse Rapoport's rule.
- 552 Molecular phylogenetics and character evolution in *Haplanthodes* (Acanthaceae), an endemic genus from peninsular India. 1

- 551 Multidimensionality in the thermal niches of dung beetles could limit species responses to temperature changes.
- 550 Ecological predictors of extinction risks of endemic mammals of China. **2014**, 35, 346-9 1
- 549 OUP accepted manuscript. 0
- 548 OUP accepted manuscript.
- 547 Morphological diversification of Mediterranean anurans: the roles of evolutionary history and climate. 0
- 546 Multidimensional amphibian diversity and community structure along a 2 600 m elevational gradient on the eastern margin of the Qinghai-Tibetan Plateau. **2022**, 43, 40-51 1
- 545 Phylogenetic conservation and shifts of pollination niche in generalist epiphytic cacti. **2022**, 54, 125650
- 544 Evolution of metabolic scaling among the tetrapod: effect of phylogeny, the geologic time of class formation, and uniformity of species within a class. **2021**, 1 1
- 543 Trade-off between flight capability and reproduction in Acridoidea (Insecta: Orthoptera).. **2021**, 11, 16849-16861
- 542 Molecular dating of the blood pigment hemocyanin provides new insight into the origin of animals. **2021**, 1 1
- 541 Different evolutionary pathways lead to incomplete convergence of elongate body shapes in carnivoran mammals. **2021**, 1 1
- 540 Whole-limb scaling of muscle mass and force-generating capacity in amniotes.. **2021**, 9, e12574 1
- 539 Strong trait correlation and phylogenetic signal in North American ground beetle (Carabidae) morphology. **2021**, 12, 0
- 538 Evolution of sexual size dimorphism and sexual segregation in artiodactyls: the chicken or the egg?. 0
- 537 The abiotic and biotic environment together predict plant, mammal, and bird diversity and turnover across the United States.
- 536 The evolution of body size in termites. **2021**, 288, 20211458 1
- 535 Modularity and connectivity of nest structure scale with colony size. **2021**, 0
- 534 Standardised empirical dispersal kernels emphasise the pervasiveness of long-distance dispersal in European birds. 0



533	A semi-variance approach to visualising phylogenetic autocorrelation.	0
532	What DNA barcodes reveal: microhabitat preference, hunting strategy and dispersal ability drive genetic variation across Iberian spider species.	1
531	The stabilising impact of natural selection on the allometry of sexual ornaments: Fish that escape locomotor constraints exhibit extravagant ornamentation.	2
530	Palaeohistology reveals a slow pace of life for the dwarfed Sicilian elephant. <b>2021</b> , 11, 22862	3
529	Slow and fast evolutionary rates in the history of lepidosaurs.	2
528	Translation stalling proline motifs are enriched in slow-growing, thermophilic, and multicellular bacteria. <b>2021</b> ,	0
527	Predictive Factors of Chemical and Visual Sensory Organ Size: The Roles of Sex, Environment, and Evolution. 1	0
526	Trophic niche shifts and phenotypic trait evolution are largely decoupled in Australasian parrots. <b>2021</b> , 21, 212	
525	Dentin hardness differences across various mammalian taxa. <b>2022</b> , 283, 109-122	
524	Cold stratification requirements for seed dormancy-break differ in soil moisture content but not duration for alpine and desert species. 1	1
523	Composition, richness and nestedness of gallery forest bird assemblages in an Amazonian savanna landscape: lessons for conservation.. <b>2021</b> , 9, e12529	0
522	Variation in $\delta^{13}C$ and $\delta^{15}N$ within and among plant species in the alpine tundra. <b>2021</b> , 53, 340-351	0
521	Assessing Bayesian Phylogenetic Information Content of Morphological Data Using Knowledge from Anatomy Ontologies.	0
520	Taxonomic and evolutionary impacts of anatomical and morphological characters in the genus <i>Epilobium</i> L. (Onagraceae). <b>2022</b> , 176, 114321	
519	Seed production of co-occurring species: Regenerative strategies, plant economic spectrum or architectural constraints?. <b>2022</b> , 58, 121-129	0
518	A biased fossil record can preserve reliable phylogenetic signal. 1-16	0
517	Evidence of Differences in Covariation Among Root Traits Across Plant Growth Forms, Mycorrhizal Types, and Biomes.. <b>2021</b> , 12, 785589	0
516	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

- 515 From clustering to overdispersion: a north to south gradient in the patterns of phylogenetic structure in North American hummingbird assemblages. 1
- 514 The evolution of coordination: A phylogenetic meta-analysis and systematic review.
- 513 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
- 512 Climatic niche conservatism in a clade of disease vectors (Diptera: Phlebotominae). 1
- 511 The evolution of sexual dichromatism in a large radiation of landfowls: re-examining the female-biased selection in Wallace's model.
- 510 Diversity of cave Phlebotomines (Diptera: Psychodidae) from a Colombian cave.
- 509 Ecological and evolutionary distances from neighbouring plants do not influence leaf herbivory by chewing insects in a Neotropical savanna. **2021**, 14, 157-168 0
- 508 The Role of Photobionts as Drivers of Diversification in an Island Radiation of Lichen-Forming Fungi.. **2021**, 12, 784182 0
- 507 The pollen virome of wild plants and its association with variation in floral traits and land use.. **2022**, 13, 523 4
- 506 Community science data suggest the most common raptors (Accipitridae) in urban centres are smaller, habitat-generalist species. 1
- 505 Meta-analysis of induced anti-herbivore defence traits in plants from 647 manipulative experiments with natural and simulated herbivory. 0
- 504 Relative forelimb and hindlimb investment is associated with flight style, foraging strategy, and nestling period, but not nest type.
- 503 Terrestrial reproduction and parental care drive rapid evolution in the trade-off between offspring size and number across amphibians.. **2022**, 20, e3001495 2
- 502 Geography and climate drive the distribution and diversification of the cosmopolitan cyanobacterium *Microcoleus* (Oscillatoriales, Cyanobacteria). 1-10 0
- 501 Urbanization is associated with unique community simplification among birds in a neotropical landscape. **2022**, 37, 209-231 0
- 500 Relationship Between Growth Trajectories and Functional Traits for Woody Trees in a Secondary Tropical Forest. **2022**, 5, 0
- 499 No link between population isolation and speciation rate in squamate reptiles.. **2022**, 119, 0
- 498 Using a Phylogenetic Framework to Assess the Role of Fruit Size in Food Selection by the Andean Night Monkey (*Aotus lemurinus*). 1

497	Plant longevity, drought and island isolation favoured rampant evolutionary transitions towards insular woodiness.	1
496	Trophic guilds of suction-feeding fishes are distinguished by their characteristic hydrodynamics of swimming and feeding.. <b>2022</b> , 289, 20211968	1
495	Sperm metabolic rate predicts female mating frequency across <i>Drosophila</i> species.. <b>2022</b> ,	0
494	Sagittal crest morphology decoupled from relative bite performance in Pleistocene tapirs ( <i>Perissodactyla</i> : <i>Tapiridae</i> ).. <b>2022</b> ,	0
493	Kingdom-Wide Analysis of Fungal Transcriptomes and tRNAs Reveals Conserved Patterns of Adaptive Evolution.. <b>2022</b> ,	1
492	Width of the temperature range for seed germination of herbaceous plant species in temperate eastern North America: life cycles, seasons and temperature variation and implication for climate warming. 1-10	0
491	Phylogeny, Age, and Evolution of Tribe Lilieae ( <i>Liliaceae</i> ) Based on Whole Plastid Genomes.. <b>2021</b> , 12, 699226	0
490	The Extension of Foundress Life Span and the Evolution of Eusociality in the Hymenoptera.. <b>2022</b> , 199, E140-E155	0
489	On the covariance of phylogenetic quantitative trait evolution models and their matrix condition. 1-20	0
488	Comparative anatomy of leaf petioles in temperate trees and shrubs: the role of plant size, environment and phylogeny.. <b>2022</b> ,	1
487	Plant sizes and shapes above- and belowground and their interactions with climate.. <b>2022</b> ,	4
486	Are chromosome number and genome size associated with habit and environmental niche variables? Insights from the Neotropical orchids.. <b>2022</b> ,	0
485	Relationship between capillaries, mitochondria and maximum power of the heart: a meta-study from shrew to elephant.. <b>2022</b> , 289, 20212461	1
484	Body size and sexual selection shaped the evolution of parrot calls.. <b>2022</b> ,	1
483	A paternal bias in germline mutation is widespread across amniotes and can arise independently of cell divisions.	1
482	Occipital condyle width (OCW) is a highly accurate predictor of body mass in therian mammals.. <b>2022</b> , 20, 37	1
481	Ecological and environmental predictors of escape among birds on a large tropical island. <b>2022</b> , 76, 1	1
480	General patterns of sexual dimorphism in graylings ( <i>Thymallus</i> ), with a comparison to other salmonid species.	0

- 479 Independent evolution of intermediate bill widths in a seabird clade.. **2021**, 297, 183 1
- 478 OUP accepted manuscript.
- 477 Phenotypic systems biology for organisms: Concepts, methods and case studies. **2022**, 0
- 476 The flooded habitat adaptation, niche differentiation, and evolution of Myristicaceae trees in the Western Ghats biodiversity hotspot in India. 1
- 475 Variation of sexual dimorphism of wing shape in the family Dolichopodidae (Diptera).
- 474 Challenges of sampling and how phylogenetic comparative methods help: With a case study of the Pama-Nyungan laminal contrast. **2022**, 2
- 473 The causes and ecological context of rapid morphological evolution in birds.. **2022**, 25, 611-623 2
- 472 Quantity versus quality: A balance between egg and clutch size among Australian amphibians in relation to other life-history variables. 1
- 471 Energetic dissociation of individual and species ranges.. **2022**, 18, 20210374 0
- 470 Global plant diversity as a reservoir of micronutrients for humanity.. **2022**, 1
- 469 Abiotic conditions shape spatial and temporal morphological variation in North American birds. 0
- 468 Local adaptation to climate anomalies relates to species phylogeny.. **2022**, 5, 143 0
- 467 Molecular phylogenetics and character evolution in Haplanthodes (Acanthaceae), an endemic genus from peninsular India.
- 466 Phylogenetic signal and evolutionary relationships among traits of inland fishes along elevational and longitudinal gradients. **2022**, 67, 912-925 0
- 465 How to approach the study of syndromes in macroevolution and ecology.. **2022**, 12, e8583 0
- 464 Heteropogon - Themeda grasses evolve to occupy either tropical grassland or wetland biomes.
- 463 Ecological Predictors and Functional Implications of Eye Size in Deep-Sea Shrimps. **2022**, 10, 0
- 462 Relative brain volume of carnivorans has evolved in correlation with environmental and dietary variables differentially among clades.. **2022**, 0

461	Climate shapes the seed germination niche of temperate flowering plants: a meta-analysis of European seed conservation data.. <b>2022</b> ,	2
460	Leaf out time correlates with wood anatomy across large geographic scales and within local communities.. <b>2022</b> ,	0
459	Dactylogyridae 2022: a meta-analysis of phylogenetic studies and generic diagnoses of parasitic flatworms using published genetic and morphological data.. <b>2022</b> ,	0
458	Temperature Extremes and Sex-Related Physiology, Not Environmental Variability, Are Key in Explaining Thermal Sensitivity of Bimodal-Breathing Intertidal Crabs. <b>2022</b> , 9,	0
457	The role of climate and maternal manipulation in determining and maintaining reproductive mode in <i>Liolaemus</i> lizards.	0
456	Pre-dispersal seed predation could help explain premature fruit drop in a tropical forest.	0
455	Using functional traits and phylogeny to understand local extinction risk in dragonflies and damselflies (Odonata).. <b>2022</b> , 12, e8648	0
454	Feather growth and quality across passerines is explained by breeding rather than moulting latitude.. <b>2022</b> , 289, 20212404	1
453	The Evolution of Placentation in Flowering Plants: A Possible Role for Kin Selection. <b>2022</b> , 10,	1
452	General statistical model shows that macroevolutionary patterns and processes are consistent with Darwinian gradualism.. <b>2022</b> , 13, 1113	0
451	The evolution of reproductive strategies in turtles.. <b>2022</b> , 10, e13014	0
450	Stride frequency or length? A phylogenetic approach to understand how animals regulate locomotor speed.. <b>2022</b> , 225,	3
449	Reference genome choice and filtering thresholds jointly influence phylogenomic analyses.	0
448	Macro-evolutionary patterns of East Asian opsariichthyin-xenocyprinid-cultrid fishes related to the formation of river and river-lake environments under monsoon climate. <b>2022</b> , 100036	0
447	Is elevation a strong environmental filter? Combining taxonomy, functional traits and phylogeny of butterflies in a tropical mountain.	1
446	Assessing Bayesian Phylogenetic Information Content of Morphological Data Using Knowledge from Anatomy Ontologies.. <b>2022</b> ,	0
445	Functional connections between bird eggshell stiffness and nest characteristics through risk of egg collision in nests.. <b>2022</b> ,	0
444	Stabilized morphological evolution of spiders despite mosaic changes in foraging ecology.. <b>2022</b> ,	2

- 443 HIV-1 infections with multiple founders associate with the development of neutralization breadth.. **2022**, 18, e1010369 1
- 442 Using life-history trait variation to inform ecological risk assessments for threatened and endangered plant species.. **2022**,
- 441 The evolution of coordination: a phylogenetic meta-analysis and systematic review.. **2022**, 9, 201728 0
- 440 Resident birds are more behaviourally plastic than migrants.. **2022**, 12, 5743
- 439 The ecological drivers of growth form evolution in flowering plants. 1
- 438 Analysis of the Relationship between the Phylogenetic Diversity of Benthic Communities and Degree of Mineralization of Plain Rivers of the Lower Volga River Basin. **2022**, 53, 100-110
- 437 Evolution of social organization: phylogenetic analyses of ecology and sexual selection in weavers. 1
- 436 Identifying potential cues of species identity in complex animal signals. **2022**, 186, 121-136
- 435 Diversification and phylogenetic correlation of functional traits for co-occurring understory species in the Chinese boreal forest.
- 434 Chromosome Number and Genome Size Evolution in and (Sobralieae, Orchidaceae).. **2022**, 23, 0
- 433 A deep neural network for high throughput measurement of functional traits on museum skeletal specimens. 0
- 432 Long-term monitoring reveals widespread and severe declines of understory birds in a protected Neotropical forest.. **2022**, 119, e2108731119 5
- 431 Biogeographic deconstruction of phylogenetic and functional diversity provides insights into the formation of regional assemblages.
- 430 Brawn before brains in placental mammals after the end-Cretaceous extinction.. **2022**, 376, 80-85 5
- 429 Using macroevolutionary patterns to distinguish primary from secondary cognitive modules in primate cross-species performance data on five cognitive ability measures. **2022**, 92, 101645 0
- 428 Himalayan orogeny and monsoon intensification explain species diversification in an endemic ginger (Hedychium: Zingiberaceae) from the Indo-Malayan Realm.. **2022**, 170, 107440 1
- 427 Light plasticity of germination on the eastern Tibetan Plateau: Phylogeny, trait, and environmental correlates.. **2022**, 272, 153670 0
- 426 Genome size distributions in bacteria and archaea are strongly linked to phylogeny.

425	Correlations between leaf economics, mechanical resistance, and drought tolerance across 41 cycad species. <b>2021</b> ,	1
424	Mimicry can drive convergence in structural and light transmission features of transparent wings in Lepidoptera.. <b>2021</b> , 10,	1
423	Phylogeny is a stronger predictor of activity than allometry in an African mammal community. <b>2022</b> , 135, 599-609	0
422	Macroevolutionary dynamics of climatic niche space.	0
421	Distinct Responses of Leaf Traits to Environment and Phylogeny Between Herbaceous and Woody Angiosperm Species in China.. <b>2021</b> , 12, 799401	0
420	Floral evolution and pollinator diversification in Hedychium J.Koenig (Zingiberaceae): one of Mr. Darwin's tropical fantasies.	0
419	You are more than what you eat: potentially adaptive enrichment of microbiome functions across bat dietary niches.. <b>2021</b> , 3, 82	1
418	Prey life-history influences the evolution of egg mass and indirectly reproductive investment in a group of free-living insect predators.. <b>2022</b> , 12, e8438	0
417	Active communities and growth of soil microorganisms are framed by mean annual precipitation in three California annual grasslands.	0
416	Comparative Genomics, Evolution, and Drought-Induced Expression of Dehydrin Genes in Model Grasses.. <b>2021</b> , 10,	1
415	Flower Color as Predictor for Nectar Reward Quantity in an Alpine Flower Community. <b>2021</b> , 9,	0
414	Prochlorococcus have low global mutation rate and small effective population size.. <b>2021</b> ,	4
413	Ecomorphology of the cervid calcaneus as a proxy for paleoenvironmental reconstruction. <b>2021</b> ,	0
412	The evolutionary relationship between arm vertebrae shape and ecological lifestyle in brittle stars (Echinodermata: Ophiuroidea).. <b>2021</b> ,	0
411	Climatic niche conservatism and ecological diversification in the Holarctic cold-dwelling butterfly genus Erebia.	0
410	Chronogram or phylogram for ancestral state estimation? Model-fit statistics indicate the branch lengths underlying a binary character's evolution.	1
409	Evolution and co-evolution of the suck behaviour, a postcopulatory female resistance trait that manipulates received ejaculate.	0
408	Spatial phylogenetics of Japanese ferns: Patterns, processes, and implications for conservation.. <b>2022</b> ,	0

407 Comparative genomics of disease and carriage serotype 1 pneumococci.. **2022,**

406 Table\_1.docx. **2018,**

405 Table\_2.docx. **2018,**

404 DataSheet1.xls. **2018,**

403 Table1.DOCX. **2018,**

402 Table\_1.pdf. **2019,**

401 Image\_1.PDF. **2018,**

400 Image\_2.PDF. **2018,**

399 Image\_3.TIFF. **2018,**

398 Image\_4.PDF. **2018,**

397 Image\_5.PDF. **2018,**

396 Image\_6.PDF. **2018,**

395 Image\_7.PDF. **2018,**

394 Image\_8.PDF. **2018,**

393 Table\_1.XLSX. **2018,**

392 Table\_2.DOC. **2018,**

391 Table\_3.DOC. **2018,**

390 Table\_4.XLSX. **2018,**



389 Table\_5.XLSX. 2018,

388 Table\_1.docx. 2019,

387 Table\_2.xlsx. 2019,

386 Data\_Sheet\_1.zip. 2019,

385 Data\_Sheet\_2.docx. 2019,

384 Data\_Sheet\_3.xlsx. 2019,

383 Data\_Sheet\_4.docx. 2019,

382 Data\_Sheet\_5.docx. 2019,

381 Data\_Sheet\_6.docx. 2019,

380 Data\_Sheet\_7.docx. 2019,

379 Image\_1.pdf. 2019,

378 Image\_2.pdf. 2019,

377 Image\_3.pdf. 2019,

376 Image\_4.pdf. 2019,

375 Data\_Sheet\_1.pdf. 2019,

374 Data\_Sheet\_1.CSV. 2019,

373 Table\_1.DOCX. 2019,

372 Data\_Sheet\_1.pdf. 2020,

371 Data\_Sheet\_2.zip. **2020**,

370 Data\_Sheet\_3.zip. **2020**,

369 Data\_Sheet\_1.docx. **2020**,

368 Table\_1.XLSX. **2020**,

367 Data\_Sheet\_1.PDF. **2019**,

366 Data\_Sheet\_2.PDF. **2019**,

365 Table\_1.docx. **2020**,

364 Data\_Sheet\_1.pdf. **2018**,

363 Data\_Sheet\_1.pdf. **2018**,

362 Data\_Sheet\_1.pdf. **2018**,

361 Table\_1.docx. **2020**,

360 DataSheet\_1.docx. **2020**,

359 Image\_1.JPEG. **2020**,

358 Table\_1.DOCX. **2020**,

357 Table\_2.XLSX. **2020**,

356 Table\_3.DOCX. **2020**,

355 Data\_Sheet\_1.docx. **2019**,

354 Table\_1.xlsx. **2019**,

353 Table\_2.xls. **2019**,

352 Table\_3.xlsx. **2019**,

351 Table\_1.DOCX. **2019**,

350 Data\_Sheet\_1.xlsx. **2019**,

349 Data\_Sheet\_2.PDF. **2019**,

348 Data\_Sheet\_1.PDF. **2020**,

347 Table\_1.docx. **2020**,

346 Table\_2.pdf. **2020**,

345 Table\_3.pdf. **2020**,

344 DataSheet\_1.pdf. **2020**,

343 DataSheet\_2.pdf. **2020**,

342 DataSheet\_3.pdf. **2020**,

341 DataSheet\_4.pdf. **2020**,

340 Table\_1.xlsx. **2020**,

339 Table\_2.pdf. **2020**,

338 Table\_3.pdf. **2020**,

337 Table\_4.pdf. **2020**,

336 Table\_5.pdf. **2020**,

335 Table\_6.pdf. **2020**,

334 Table\_1.docx. **2018**,

333 Data\_Sheet\_1.csv. **2020**,

332 Data\_Sheet\_2.PDF. **2020**,

331 Data\_Sheet\_3.pdf. **2020**,

330 Image\_1.JPEG. **2020**,

329 Image\_2.JPEG. **2020**,

328 Image\_3.JPEG. **2020**,

327 Image\_4.JPEG. **2020**,

326 Table\_1.xlsx. **2020**,

325 Table\_1.XLSX. **2020**,

324 Table\_2.DOCX. **2020**,

323 Unique nasal turbinal morphology reveals *Homunculus patagonicus* functionally converged on modern platyrrhine olfactory sensitivity.. **2022**, 167, 103184

322 The diversity of lichenized trentepohlioid algae (Ulvophyceae) communities is driven by fungal taxonomy and ecological factors.. **2022**, 1

321 Interspecific differences in root foraging precision cannot be directly inferred from species' mycorrhizal status or fine root economics. 0

320 Phylogenetic inferences using nuclear ribosomal ITS and chloroplast sequences provide insights into the biogeographic origins, diversification timescales and trait evolution of *Rubus* in the Japanese Archipelago. **2022**, 308, 1 0

319 Somewhere I belong: phylogeny and morphological evolution in a species-rich lineage of ectoparasitic flatworms infecting cichlid fishes.. **2022**, 2

318 Evolutionary processes, not environmental drivers, determine the resilience of natural populations. 0

- 317 Can evolutionary history predict plant plastic responses to climate change?. **2022,** 3
- 316 Effects of Population Age on the Annual Net Primary Productivity and Seed Yield of Artificial Grasslands on the Eastern Qinghai-Tibetan Plateau. **2022,** 10,
- 315 Limits to reproduction and seed size-number trade-offs that shape forest dominance and future recovery.. **2022,** 13, 2381 2
- 314 The tempo of cetacean cranial evolution.. **2022,** 1
- 313 Broad- and small-scale environmental gradients drive variation in chemical, but not morphological, leaf traits of vascular epiphytes. 0
- 312 Understanding flammability and bark thickness in the genus *Pinus* using a phylogenetic approach.. **2022,** 12, 7384
- 311 A real data-based simulation procedure to select an imputation strategy for mixed-type trait data. 0
- 310 Dietary Specialization and Habitat Shifts in a Clade of Afro-Asian Colubrid Snakes (Colubridae: Colubrinae). **2022,** 110,
- 309 Phloem wedges in Malpighiaceae: origin, structure, diversification, and systematic relevance.. **2022,** 13, 11 0
- 308 Recruitment Traits Could Influence Species Geographical Range: A Case Study in the Genus *Saxifraga* L.. **2022,** 13,
- 307 Correlated evolution of seed mass and genome size varies among life forms in flowering plants. 1-7 1
- 306 Biogeography and Diversification of the Tropical and Subtropical Asian Genus *Gastrochilus* (Orchidaceae, Aseridaceae). **2022,** 14, 396 0
- 305 Sex-differences in Phenology: A Tinbergian Perspective.. **2022,** 0
- 304 Evolution of sex allocation plasticity in a hermaphroditic flatworm genus.. **2022,** 1
- 303 Genetic diversity varies with species traits and latitude in predatory soil arthropods (Myriapoda: Chilopoda).
- 302 A database of the morphology, ecology and literature of the world's limb-reduced skinks. 0
- 301 Protective geometry and reproductive anatomy as candidate determinants of clutch size variation in pentatomid bugs. 0
- 300 Variation in the ACE2 receptor has limited utility for SARS-CoV-2 host prediction. 0

- 299 Variation of sexual dimorphism of the wing shape in the family Dolichopodidae (Diptera). **2022**, 11, 134-141
- 298 Macroevolutionary dynamics of climatic niche space. **2022**, 289, 0
- 297 Accounting for intraspecific variation in continuous trait evolution on a reticulate phylogeny. 1
- 296 Oh, the places you will grow: Intraspecific latitudinal clines in butterfly size suggest a phylogenetic signal. **2022**, 12, 0
- 295 The Effects of Species Abundance, Spatial Distribution, and Phylogeny on a Plant-Ectomycorrhizal Fungal Network. **2022**, 13, 0
- 294 Genome size distributions in bacteria and archaea are strongly linked to evolutionary history at broad phylogenetic scales. **2022**, 18, e1010220 0
- 293 Precipitation is the main axis of tropical phylogenetic turnover across space and time. 0
- 292 Switches, stability and reversals in the evolutionary history of sexual systems in fish. **2022**, 13, 0
- 291 Feeding ecology of the last European colobine monkey, *Dolichopithecus ruscinensis*. **2022**, 168, 103199 0
- 290 Diversity of cave Phlebotomines (Diptera: Psychodidae) from a Colombian cave. **2022**, 233, 106515
- 289 The effect of sociality on competitive interactions among birds. 1
- 288 The aesthetic value of reef fishes is globally mismatched to their conservation priorities. **2022**, 20, e3001640 1
- 287 Sampling strategies and pre-pandemic surveillance gaps for bat coronaviruses. 2
- 286 Same colors for different functions: implications for the evolution of carotenoid-based ornamentation. 0
- 285 Slow and negligible senescence among testudines challenges evolutionary theories of senescence. **2022**, 376, 1466-1470 1
- 284 Genome size of alpine plants does not predict temperature resistance. **2022**, 256, 0
- 283 Community science reveals links between migration arrival timing advance, migration distance and wing shape. 0
- 282 Composition of a chemical signalling trait varies with phylogeny and precipitation across an Australian lizard radiation. 0

- 281 Stoichiometry versus ecology: the relationships between genome size and guanine-cytosine content, and tissue nitrogen and phosphorus in grassland herbs.
- 280 Global relationships in tree functional traits. **2022**, 13, 1
- 279 Convergent mosaic brain evolution is associated with the evolution of novel electrosensory systems in teleost fishes. 11,
- 278 The formation of the Indo-Pacific montane avifauna.
- 277 Adaptive variation in the upper limits of avian body temperature. **2022**, 119, 2
- 276 Lack-of-all-trades is parthenogenetic. **2022**, 12, 1
- 275 Correlated evolution between orb weaver glue droplets and supporting fibres maintains their distinct biomechanical roles in adhesion. **2022**, 35, 879-890 0
- 274 Pollinator shifts and the evolution of floral advertising traits in the genus *Ferraria* (Iridaceae). **2022**, 149, 178-188
- 273 Fine-scale spatial genetic structure in a locally abundant native bunchgrass (*Achnatherum thurberianum*) including distinct lineages revealed within seed transfer zones.
- 272 Functional traits influence patterns in vegetative and reproductive plant phenology - a multi-botanical garden study. 0
- 271 Extrapair mating opportunity explains the evolutionary transition between the presence and absence of tail ornamentation in swallows. 0
- 270 The evolution of mechanical properties of conifer and angiosperm woods. 0
- 269 Balancing the scales: Preliminary investigation of total energy expenditure and daily metabolizable energy intake in Matschie's tree kangaroo (*Dendrolagus matschiei*). **2022**, 17, e0270570 0
- 268 Migratory behavior is positively associated with genetic diversity in butterflies. 0
- 267 The Tracking of Moist Habitats Allowed Aiphanes (Arecaceae) to Cover the Elevation Gradient of the Northern Andes. 13, 0
- 266 cifB-transcript levels largely explain cytoplasmic incompatibility variation across divergent *Wolbachia*. 0
- 265 Geographic range size and speciation in honeyeaters. **2022**, 22, 1
- 264 Phylogenomics suggests that larvae are ancestral in polyclads, but not homologous to the trochophore. 1

- 263 Bite force in the strictly subterranean rodent family of African mole-rats (Bathyergidae): the role of digging mode, social organisation, and ecology. 1
- 262 Riparian buffers provide refugia during secondary forest succession.
- 261 Riverine Barriers as Obstacles to Dispersal in Amazonian Birds. 10, 1
- 260 Decoupling in Diversification and Body Size Rates During the Radiation of *Phyllodactylus*: Evidence Suggests Minor Role of Ecology in Shaping Phenotypes. 1
- 259 Radiation of mushroom-forming fungi correlates with novel modes of protecting sexual fruiting bodies. **2022**,
- 258 Microstructural and crystallographic evolution of palaeognath (Aves) eggshells.
- 257 High Wing-Loading Correlates with Dive Performance in Birds, Suggesting a Strategy to Reduce Buoyancy. 1
- 256 The relationship between hard and soft tissue structures of the eye in extant lizards. 0
- 255 Does ecology and life history predict parental cooperation in birds? A comparative analysis. **2022**, 76,
- 254 Urbanization filters woodpecker assemblages: Habitat specialization limits population abundance of dead wood dependent organisms in the urban landscape. **2022**, 38, e02220
- 253 Strong phylogenetic signals in global plant bioclimatic envelopes. 0
- 252 The homogenization of avian morphological and phylogenetic diversity under the global extinction crisis. **2022**, 0
- 251 ARPIP: Ancestral sequence Reconstruction with insertions and deletions under the Poisson Indel Process.
- 250 A *Miopetaurista* (Rodentia, Sciuridae) cranium from the Middle Miocene of Bavaria (Germany) and brain evolution in flying squirrels. **2022**, 8, 0
- 249 Metabolic Scaling in Birds and Mammals: How Taxon Divergence Time, Phylogeny, and Metabolic Rate Affect the Relationship between Scaling Exponents and Intercepts. **2022**, 11, 1067 1
- 248 The scaling of leaf nitrogen and phosphorus along a phosphorus availability gradient in a subtropical forest. 0
- 247 Copyright Page. **2007**, iv-iv
- 246 Contributors. **2007**, ix-x



245 Supplementary Tables. **2007**, 213-217

244 Correlated Samples in Time, Space, Phylogeny **2022**, 151-179

243 Time for speciation and niche conservatism explain the latitudinal diversity gradient in clupeiform fishes. 0

242 Climate drives anuran breeding phenology in a continental perspective as revealed by citizen-collected data. 1

241 Floral evolution and pollinator diversification in *Hedychium*: revisiting Darwin's predictions using an integrative taxonomic approach. 0

240 Warning coloration, body size and the evolution of gregarious behavior in butterfly larvae. 1

239 New insights into the formation of biodiversity hotspots of the Kenyan flora. 2

238 Cognition contra camouflage: How the brain mediates predator-driven crypsis evolution. **2022**, 8, 0

237 Sugar Concentration, Nitrogen Availability, and Phylogenetic Factors Determine the Ability of *Acinetobacter* spp. and *Rosenbergiella* spp. to Grow in Floral Nectar. 1

236 Divergent nitrogen and phosphorus allocation strategies in terrestrial plant leaves and fine roots: a global meta-analysis. 0

235 Metabolic scaling is the product of life-history optimization. **2022**, 377, 834-839 5

234 Robust Phylogenetic Regression. 0

233 A paternal bias in germline mutation is widespread in amniotes and can arise independently of cell divisions. 11, 1

232 Strong phenological shifts among bumblebee species in North America can help predict extinction risk. **2022**, 272, 109675

231 Phylogenetic climatic niche conservatism in sandflies (Diptera: Phlebotominae) and their relatives.

230 Ecomorphology of six goatfish species (Mullidae) from Toliara Reef, Madagascar. 0

229 Strong plastid degradation is consistent within section *Chondrophyllae*, the most speciose lineage of *Gentiana*. **2022**, 12, 0

228 Inconsistent results from trait-based analyses of moth trends point to complex drivers of change.

- 227 Phylogenetic relationship and soil salinity shape intraspecific trait variability of *Phragmites australis* in the Yellow River Delta. 9,
- 226 Postcranial skeletal pneumaticity in non-aquatic neavians: Insights from accipitrimorphae. 1
- 225 Distribution and abundance of tetraether lipid cyclization genes in terrestrial hot springs reflects pH.
- 224 Salamanders reveal novel trajectories of amphibian MHC evolution. 0
- 223 The evolutionary drivers of primate scleral coloration. **2022**, 12, 0
- 222 Within-individual leaf allometry and the evolution of leaf morphology: A multilevel analysis of leaf allometry in temperate *Viburnum* (Adoxaceae) species.
- 221 Body size estimation of Caimaninae specimens from the Miocene of South America. **2022**, 118, 103970 1
- 220 Large Mammals Have More Powerful Antibacterial Defenses Than Expected from Their Metabolic Rates. 0
- 219 Association of spring phenological traits with phylogeny and adaptation to native climate in temperate plant species in Northeast China. **2022**, 143, 109381 0
- 218 Analyses of gene copy number variation in diverse epigenetic regulatory gene families across plants: Increased copy numbers of BRUSHY1/TONSOKU/MGOUN3 (BRU1/TSK/MGO3) and SILENCING DEFECTIVE 3 (SDE3) in long-lived trees. **2022**, 32, 100384 0
- 217 Data collected by citizen scientists reveal the role of climate and phylogeny on the frequency of shelter types used by frogs across the Americas. **2022**, 155, 126052 1
- 216 Ancestral State Reconstruction Using BayesTraits. **2022**, 255-266 0
- 215 Ascospore morphology of bryophilous Pezizales is closely associated with the place of infection and host ecology. **2023**, 61, 101200 0
- 214 Re-assessing niche partitioning in MacArthur's Warblers: foraging behavior, morphology, and diet metabarcoding in a phylogenetic context. 0
- 213 Congeneric predators fill discrete niches created by the relative abundances of their prey species. 0
- 212 The evolution of insular woodiness. **2022**, 119, 4
- 211 Thermal traits of freshwater macroinvertebrates vary with feeding group and phylogeny. **2022**, 67, 1994-2003 0
- 210 Down a Rabbit Hole: Burrowing Behaviour and Larger Home Ranges are Related to Larger Brains in Leporids. 2

209	Diversification is correlated with temperature in white and sulfur butterflies.	0
208	Genetic drift promotes and recombination hinders speciation on a holey fitness landscape.	0
207	Convergence without divergence in North American red-flowering <i>Silene</i> . 13,	0
206	Transcriptomic heterochrony and completely cleistogamous flower development in the mycoheterotrophic orchid <i>Gastrodia</i> .	0
205	Cranial ecomorphology of turtles and neck retraction as a possible trigger of ecological diversification.	0
204	Learning with lacertids: Studying the link between ecology and cognition within a comparative framework.	1
203	Geographic, climatic, and phylogenetic drivers of variation in colobine activity budgets.	0
202	Morphological evolution of bird wings follows a mechanical sensitivity gradient determined by the aerodynamics of flapping flight.	0
201	Climate influences bill shape diversification in cavity-excavating birds.	2
200	Comparative study of the evolution of cancer gene duplications across fish.	0
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198	The evolutionary rate of leaf osmotic strength drives diversification of <i>Primulina</i> species in karst regions.	0
197	Wildlife trade targets colorful birds and threatens the aesthetic value of nature. <b>2022</b> ,	0
196	Phylogenetic inference from single-cell RNA-seq data.	0
195	The impact of environmental factors on the evolution of brain size in carnivorans. <b>2022</b> , 5,	1
194	Evolutionary rates of body-size-related genes and ecological factors involved in driving body size evolution of squamates. 10,	0
193	Phylogenetic patterns of rarity and vulnerability in the flora of a temperate mountain range.	0
192	Convergence, Hemiplasy, and Correlated Evolution Impact Morphological Diversity Related to a Web-Less Lifestyle in the Two-Clawed Spiders. <b>2022</b> , 6,	0

- 191 Rapid expansion and visual specialization of learning and memory centers in Heliconiini butterflies. ○
- 190 Environmental temperature predicts resting metabolic rates in tropidurinae lizards. ○
- 189 Evolutionary allometry and ecological correlates of fang length evolution in vipers. **2022**, 289, 1
- 188 Coevolutionary maintenance of forked tails and song in hirundines (Aves: Hirundininae). ○
- 187 Decoupled spectral tuning and eye size diversification patterns in an Antarctic adaptive radiation. ○
- 186 On the origins of phenotypic parallelism in benthic and limnetic stickleback. ○
- 185 Global drivers of variation in cup nest size in passerine birds. ○
- 184 Phylogenetic and environmental patterns of sex differentiation in physiological traits across *Drosophila* species. ○
- 183 Macroevolutionary analysis of swallows revived the sight-line hypothesis. ○
- 182 Prophage-encoded immune evasion factors are critical for *Staphylococcus aureus* host infection, switching, and adaptation. **2022**, 100194 1
- 181 Do closely related species interact with similar partners? Testing for phylogenetic signal in bipartite interaction networks. 2, ○
- 180 Evolutionary history constrains heat tolerance of native and exotic tropical Zingiberales. ○
- 179 Chemical evolution of nucleic acids to sustain a life of Archaea. **2022**, 25, 100145 ○
- 178 Phylogeny explains capture mortality of sharks and rays in pelagic longline fisheries: a global meta-analytic synthesis. **2022**, 12, ○
- 177 Host body size, not host population size, predicts genome-wide effective population size of parasites. ○
- 176 Adult male birds advance spring migratory phenology faster than females and juveniles across North America. ○
- 175 Influence of microhabitat, fecundity, and parental care on the evolution of sexual size dimorphism in Caribbean *Eleutherodactylus* frogs. ○
- 174 Why are animals conspicuously colored? Evolution of sexual versus warning signals in land vertebrates. ○

- 173 Ecological and evolutionary trends of body size in *Pristimantis* frogs, the world's most diverse vertebrate genus. **2022**, 12, 0
- 172 Evidence for phylogenetic signal and correlated evolution in plant-water relations traits. 0
- 171 Ecomorphology of the cervid intermediate phalanx and its implications for palaeoenvironmental reconstruction. 0
- 170 Stem hydraulic conductivity and embolism resistance of *Quercus* species are associated with their climatic niche. 0
- 169 Can the extinction risk of Irish vascular plants be predicted using leaf traits?. 0
- 168 Phenotypic plasticity and genetic control in colorectal cancer evolution. 2
- 167 Isotopic niches do not follow the expectations of niche conservatism in the bird genus *Cinclus*. 0
- 166 Body mass, temperature, and depth shape the maximum intrinsic rate of population increase in sharks and rays. **2022**, 12, 0
- 165 Evolutionary loss of shell pigmentation, pattern, and eye structure in deep-sea snails in the dysphotic zone. 0
- 164 Cell size is a key ecological trait associated with biogeographic patterns of microbial eukaryotes in coastal waters. 9, 0
- 163 Abiotic conditions shape spatial and temporal morphological variation in North American birds. 0
- 162 Distinct *Wolbachia* localization patterns in oocytes of diverse host species reveal multiple strategies of maternal transmission. 0
- 161 Interspecific variations in fish occupancy and abundance are driven by niche characteristics in a monsoon climate river basin. 0
- 160 Ecological factors are likely drivers of eye shape and colour pattern variations across anthropoid primates. **2022**, 12, 0
- 159 Latitudinal gradients in body size and sexual size dimorphism in fleas: males drive Bergmann's pattern. 0
- 158 Habitat drives body size evolution in Mustelidae (Mammalia: Carnivora). 0
- 157 Independent origin of large labyrinth size in turtles. **2022**, 13, 1
- 156 Molecular Paleobiology of the Echinoderm Skeleton. **2022**, 0

- 155 Sex and tissue differences in virus susceptibility across species. 0
- 154 Broad diversity in monoterpene-sesquiterpene balance across wild sunflowers: implications of leaf and floral volatiles for biotic interactions. 0
- 153 Effect of Polytomy on the Parameter Estimation and Goodness of Fit of Phylogenetic Linear Regression Models for Trait Evolution. **2022**, 14, 942 1
- 152 Fruit size in Indo-Malayan island plants is more strongly influenced by filtering than by in situ evolution. 0
- 151 Evolution and genomic basis of the plant-penetrating ovipositor: a key morphological trait in herbivorous Drosophilidae. **2022**, 289, 1
- 150 Modeling the extinction risk of European butterflies and odonates. **2022**, 12, 0
- 149 A two-dimensional morphospace for cyanobacteria and microalgae: Morphological diversity, evolutionary relatedness, and size constraints. 1
- 148 The Predictable Complexity of Evolutionary Allometry. 1
- 147 Phylogenomics and genome size evolution in *Amomum s. s.* (Zingiberaceae): Comparison of traditional and modern sequencing methods. **2022**, 107666 0
- 146 One size does not fit all: Variation in anatomical traits associated with emersion behavior in mudskippers (Gobiidae: Oxudercinae). 10, 0
- 145 Extinction risk of Chinese angiosperms varies between woody and herbaceous species. 0
- 144 Climatic niche divergence explains angiosperm diversification across clades in China. 0
- 143 Sociality, ecology and developmental constraints predict variation in brain size across birds. 0
- 142 Migratory behavior is positively associated with genetic diversity in butterflies. 0
- 141 Phylogenomic comparative methods: accurate evolutionary inferences in the presence of gene tree discordance. 0
- 140 Plant Scent and Plant-Insect Interactions [Review and Outlook from a Macroevolutionary Perspective. 0
- 139 Adaptive variation in avian eggshell structure and gas conductance across elevational gradients?. 0
- 138 Standardised empirical dispersal kernels emphasise the pervasiveness of long-distance dispersal in European birds. 0

- 137 Indigenous and introduced Collembola differ in desiccation resistance but not its plasticity in response to temperature. **2023**, 3, 100051
- 136 Active populations and growth of soil microorganisms are framed by mean annual precipitation in three California annual grasslands. **2023**, 177, 108886
- 135 An ecomorphological approach to the relationship between craniomandibular morphology and diet in sigmodontine rodents from central-eastern Argentina. **2023**, 156, 126066
- 134 Neotropical stingless bees display a strong response in cold tolerance with changes in elevation. **2022**, 10,
- 133 Magic, Religion, and Science: Secularization Trends and Continued Coexistence.
- 132 Latent functional diversity may accelerate microbial community responses to temperature fluctuations. 11,
- 131 Environmental correlates of body size influence range size and extinction risk: A global study in rodents.
- 130 Evolutionary history and precipitation seasonality shape niche overlap in Neotropical bat-plant pollination networks.
- 129 Rapid Adaptation of Cellular Metabolic Rate to the microRNA Complements of Mammals.
- 128 Variation in the ACE2 receptor has limited utility for SARS-CoV-2 host prediction. 11,
- 127 Rarity of microalgae in macro-, meso- and microhabitats. 1-39
- 126 Host phylogeny and elevation predict infection by avian haemosporidians in a diverse New Guinean bird community.
- 125 Biogeochemical niche conservatism relates to plant species diversification and life form evolution in a subtropical montane evergreen broad-leaved forest. **2022**, 12,
- 124 Testing for Phylogenetic Signal in Single-Cell RNA-Seq Data.
- 123 Carotenoid-dependent plumage coloration is associated with reduced male care in passerine birds.
- 122 The global biogeography of angiosperm genome size is shaped by climate and range size.
- 121 Convergent evolution of elaborate nests as structural defences in birds. **2022**, 289,
- 120 A quantitative global test of the complexity trade-off hypothesis: the case of nominal and verbal grammatical marking. **2022**,

- 119 Testing drivers of acoustic divergence in cicadas (Cicadidae: Tettigetta). ○
- 118 The evolutionary origin of avian facial bristles and the likely role of rictal bristles in feeding ecology. **2022**, 12, ○
- 117 Regionalization, constraints, and the ancestral ossification patterns in the vertebral column of amniotes. **2022**, 12, ○
- 116 Are allometric model parameters of aboveground biomass for trees phylogenetically constrained?. **2022**, ○
- 115 Heat tolerance variation reveals vulnerability of tropical herbivore-parasitoid interactions to climate change. ○
- 114 The roles of species-relatedness and climate of origin in determining optical leaf traits over a large set of taxa growing at high elevation and high latitude. 13, ○
- 113 Seed dispersal by waterbirds: a mechanistic understanding by simulating avian digestion. 1
- 112 The functional significance of residual yolk in lizards. ○
- 111 Multi-Response Phylogenetic Mixed Models: Concepts and Application. ○
- 110 Fertilization modes and the evolution of sperm characteristics in marine fishes: Paired comparisons of externally and internally fertilizing species. **2022**, 12, ○
- 109 Investigating the outcomes of virus coinfection within and across host species. ○
- 108 Large-scale spatial variability in urban tolerance of birds. ○
- 107 The origins of climate-diversity relationships and richness patterns in Chinese plants. **2022**, 12, ○
- 106 Pacing polar bears and stoical sheep: testing ecological and evolutionary hypotheses about animal welfare. **2004**, 13, S33-S40 ○
- 105 Response to Tcherkez and Farquhar: Rubisco adaptation is more limited by phylogenetic constraint than by catalytic trade-off. ○
- 104 Decoupling the skull and skeleton in a Cretaceous bird with unique appendicular morphologies. **2023**, 7, 20-31 1
- 103 Global patterns of plant form and function are strongly determined by evolutionary relationships. ○
- 102 Phylogenetic comparative approach reveals evolutionary conservatism, ancestral composition, and integration of vertebrate gut microbiota. ○



101	Phylogeny of <i>Saxifraga</i> section <i>Saxifraga</i> subsection <i>Arachnoideae</i> ( <i>Saxifragaceae</i> ) and the origin of low elevation shade-dwelling species. <b>2023</b> , 13,	0
100	The Evolution of Life History Traits and Their Thermal Plasticity in <i>Daphnia</i> . <b>2023</b> , 2, 55-74	0
99	Phylomorphometrics reveal ecomorphological convergence in pea crab carapace shapes ( <i>Brachyura</i> , <i>Pinnotheridae</i> ). <b>2023</b> , 13,	0
98	Spore production monitoring reveals contrasting seasonal strategies and a trade-off between spore size and number in wood-inhabiting fungi.	0
97	Low microbiome diversity in threatened amphibians from two biodiversity hotspots. <b>2022</b> , 4,	0
96	Divergent litter traits of riparian plant species between humid and drier biomes within the tropics.	0
95	Defining ancestry, heritability and plasticity of cellular phenotypes in somatic evolution.	0
94	Role of plant relatedness in plant-soil feedback dynamics of sympatric <i>Asclepias</i> species. <b>2023</b> , 13,	1
93	Dog Lifespans and the Evolution of Ageing.	0
92	Different influences of phylogenetically conserved and independent floral traits on plant functional specialization and pollination network structure. 14,	0
91	Using computer vision to understand the global biogeography of ant color.	1
90	Habitat Drives Body Size Evolution in <i>Mustelidae</i> ( <i>Mammalia</i> : <i>Carnivora</i> ).	0
89	Microstructural and crystallographic evolution of palaeognath ( <i>Aves</i> ) eggshells. 12,	0
88	Ecomorphological patterns in trigeminal canal branching among sauropsids reveal sensory shift in suchians.	1
87	Evolutionary history of hominin brain size and phylogenetic comparative methods. <b>2023</b> ,	0
86	Building a genome-based understanding of bacterial pH preferences.	0
85	Contrasting Silicon Dynamics Between Aboveground Vegetation and Soil Along a Secondary Successional Gradient in a Cool-temperate Deciduous Forest.	0
84	Rhizosphere fungal community assembly varied across functional guilds in a temperate forest. <b>2023</b> , 12,	0

- 83 Correlated evolution of social organization and lifespan in mammals. **2023**, 14, ○
- 82 Climatic Niche Conservatism and Ecological Diversification in the Holarctic Cold-Dwelling Butterfly Genus *Erebia*. **2023**, 7, ○
- 81 Comparative genomics of novel *Bacteroides acidifaciens* isolates reveals candidates for adaptation to host subspecies in house mice. ○
- 80 Diatom endemism and taxonomic turnover: Assessment in high-altitude alpine lakes covering a large geographical range. **2023**, 871, 161970 ○
- 79 Global distributions of foliar nitrogen and phosphorus resorption in forest ecosystems. **2023**, 871, 162075 ○
- 78 Cold Comfort: metabolic rate and tolerance to low temperatures predict latitudinal distribution in ants. ○
- 77 phytools 2.0: An updated R ecosystem for phylogenetic comparative methods (and other things). ○
- 76 Correlated evolution in an ectomycorrhizal host-symbiont system. **2023**, 238, 1215-1229 ○
- 75 Is the hyoid a constraint on innovation? A study in convergence driving feeding in fish-shaped marine tetrapods. 1-16 ○
- 74 The radial head of the Middle Miocene ape *Nacholapithecus kerioi*: Morphometric affinities, locomotor inferences, and implications for the evolution of the hominoid humeroradial joint. **2023**, 178, 103345 ○
- 73 Species attributes are weak predictors for future species discovery of Chinese terrestrial mammals. **2023**, 281, 110035 ○
- 72 Genome size estimation and its associations with body length, chromosome number and evolution in teleost fishes. **2023**, 864, 147294 ○
- 71 Extractive foraging behaviour in woodpeckers evolves in species that retain a large ancestral brain. **2023**, 198, 141-152 ○
- 70 Phylogenetic diversity of the mangrove crabs communities in the Persian Gulf; its relationship with functional diversity highlights conservation priorities. **2023**, 53, ○
- 69 Systematics of Miocene apes: State of the art of a never-ending controversy. **2023**, 175, 103309 ○
- 68 Locomotor adaptations in the Early Miocene species *Diamantomys luederitzi* (Rodentia, Mammalia) from Uganda (Napak). **2023**, 284, ○
- 67 Macroevolutionary analysis of swallows revives the sight-line hypothesis. **2023**, 77, ○
- 66 The role of intrasexual competition on the evolution of male-male courtship display: a systematic review. 10, e14638 ○

- 65 Phylogenetically conservative trait correlation: quantification and interpretation. ○
- 64 Heterogeneities in infection outcomes across species: sex and tissue differences in virus susceptibility. 3, ○
- 63 Water temperature explains part of the variation in basal plasma cortisol level within and between fish species. ○
- 62 Determinants of natal dispersal distances in North American birds. **2023**, 13, ○
- 61 Morphometric characters in a taxonomic diagnosis of *Dolichopus pennatus* species group (Diptera: Dolichopodidae). **2022**, 21, 328-336 ○
- 60 Unravelling the postural diversity of mammals: Contribution of humeral cross-sections to palaeobiological inferences. ○
- 59 Does learning matter? Birdsong-learning program determines coping strategies for living in urban noisy environments. **2023**, 77, ○
- 58 Genome size evolution in grasshoppers (Orthoptera: Caelifera: Acrididae). ○
- 57 What drives phylogenetic and trait clustering on islands?. ○
- 56 Metabolic rate, sleep duration, and body temperature in evolution of mammals and birds: the influence of geological time of principal groups divergence. 1148, 1-27 ○
- 55 Transmission mode and dispersal traits correlate with host specificity in mammalian gut microbes. ○
- 54 Cancer Prevalence Across Vertebrates. ○
- 53 Precipitation is the main axis of tropical plant phylogenetic turnover across space and time. **2023**, 9, ○
- 52 Carpal allometry of African apes among mammals. **2023**, 181, 10-28 ○
- 51 Locomotor and postural diversity among reptiles viewed through the prism of femoral microanatomy: Palaeobiological implications for some Permian and Mesozoic taxa. **2023**, 242, 891-916 ○
- 50 Baculum shape complexity correlates to metrics of post-copulatory sexual selection in Musteloidea. **2023**, 284, ○
- 49 Seven-decade forest succession reveals how species colonization and extinction drive long-term community structure dynamics. ○
- 48 Detecting punctuated evolution in SARS-CoV-2 over the first year of the pandemic. 3, ○

- 47 Investigating the diversification of holocentromeric satellite DNATyba in Rhynchospora (Cyperaceae). 1
- 46 Allometry reveals trade-offs between Bergmann's and Allen's rules, and different avian adaptive strategies for thermoregulation. **2023**, 14, 0
- 45 The evolution of early-life telomere length, pace-of-life and telomere-chromosome length dynamics in birds. 0
- 44 Warning coloration, body size, and the evolution of gregarious behavior in butterfly larvae. 0
- 43 The effect of sociality on competitive interactions among birds. **2023**, 290, 0
- 42 Disparate continental scale patterns in floral host breadth of Australian colletid bees (Colletidae: Hymenoptera). **2023**, 54, 0
- 41 Dry Climate Filters Gymnosperms but Not Angiosperms through Seed Mass. **2023**, 15, 401 0
- 40 Beyond latitude: Temperature, productivity and thermal niche conservatism drive global body size variation in Odonata. **2023**, 32, 656-667 0
- 39 Strong floral morphology conservatism during the rapid diversification of the genus *Helianthemum*. 0
- 38 Distinct *Wolbachia* localization patterns in oocytes of diverse host species reveal multiple strategies of maternal transmission. 0
- 37 Genome size variation and polyploidy prevalence in the genus *Eragrostis* are associated with the global dispersal in arid area. 14, 0
- 36 Variability in ecological attributes of abundant species increases with taxonomic diversity: insights for assembly mechanisms of Neotropical bat communities. 0
- 35 What drives phylogenetic and trait clustering on islands?. **2023**, 38, 1339-1350 0
- 34 Endophyte genomes support greater metabolic gene cluster diversity compared with non-endophytes in *Trichoderma*. 0
- 33 Direct quantification of skeletal pneumaticity illuminates ecological drivers of a key avian trait. **2023**, 290, 1
- 32 Human and African ape myosin heavy chain content and the evolution of hominin skeletal muscle. **2023**, 111415 0
- 31 Primate Cerebellar Scaling in Connection to the Cerebrum: A 34-Species Phylogenetic Comparative Analysis. 0
- 30 Community assembly and network structure of epiphytic and endophytic phyllosphere fungi in a subtropical mangrove ecosystem. 14, 0

- 29 Diet versatility and functional trade-offs shape tooth morphology in squirrels. **2023**, 77, 83-96
- 28 Phylogenetically controlled life history trait meta-analysis in cetaceans reveals unexpected negative brain size and longevity correlation. **2023**, 77, 534-549
- 27 Coloniality and development impact intraclutch consistency of avian eggs: a comparative analysis of the individual repeatability of eggshell size and shape metrics. **2023**, 110,
- 26 A real data-driven simulation strategy to select an imputation method for mixed-type trait data. **2023**, 19, e1010154
- 25 Seed functional ecology in Brazilian rock outcrop vegetation: an integrative synthesis.
- 24 Taxonomy of the rear-edge populations: the case of genus *Anterastes* (Orthoptera, Tettigoniidae).
- 23 Diversification of cephalic shield shape and antenna in phyllosoma I of slipper and spiny lobsters (Decapoda: Achelata). 10,
- 22 A phylogenomic approach to resolving interrelationships of polyclad flatworms, with implications for life-history evolution. **2023**, 10,
- 21 Relative brain size is associated with natal dispersal rate and species' vulnerability to climate change in seabirds.
- 20 Sperm competition increases sperm production and quality in *Cataglyphis* desert ants. **2023**, 290,
- 19 Dwarfism and gigantism drive human-mediated extinctions on islands. **2023**, 379, 1054-1059
- 18 The Mouse-To-Elephant Metabolic Curve: Historical Overview. 4513-4558
- 17 Parasite-host network analysis provides insights into the evolution of two mistletoe lineages (Loranthaceae and Santalaceae). **2023**,
- 16 Communities of Small Terrestrial Arthropods Change Rapidly Along a Costa Rican Elevation Gradient. **2023**, 255-307
- 15 Thermal tolerance of tropical and temperate alpine plants suggests that mountain passes are not higher in the tropics
- 14 Global beta-diversity of angiosperm trees is shaped by Quaternary climate change. **2023**, 9,
- 13 The Cauchy Process on Phylogenies: a Tractable Model for Pulsed Evolution.
- 12 Nitrogen use strategy drives interspecific differences in plant photosynthetic CO<sub>2</sub> acclimation.

- 11 Fine-scale spatial genetic structure in a locally abundant native bunchgrass ( *Achnatherum thurberianum* ) including distinct lineages revealed within seed transfer zones. ○
- 10 Benchmarking imputation methods for discrete biological data. ○
- 9 Decoupling of evolutionary changes in mRNA and protein levels. ○
- 8 An ancient metalloenzyme evolves through metal preference modulation. ○
- 7 Distribution and abundance of tetraether lipid cyclization genes in terrestrial hot springs reflect pH. ○
- 6 Body size affects specialization and modularity in the global resin foraging meta-network of stingless bees. ○
- 5 Morphology and niche evolution influence hummingbird speciation rates. **2023**, 290, ○
- 4 Systematics and biogeography of the Old World fern genus *Antrophyum*. ○
- 3 Scaling of erythrocyte shape and nucleus size among squamate reptiles: reanalysis points to constrained, proportional rather than adaptive changes. **2023**, 10, ○
- 2 Assembly of understory woody communities during the close-to-nature restoration of a *Pinus massoniana* lamb. plantation in the southern subtropical region of China: From environmental filtering to competitive exclusion. **2023**, 541, 121060 ○
- 1 The Elevational Gradient of Bird Beta Diversity in the Meili Snow Mountains, Yunnan Province, China. **2023**, 13, 1567 ○