

CITATION REPORT

List of articles citing

A likelihood approach to estimating phylogeny from discrete morphological character data

DOI: 10.1080/106351501753462876
Systematic Biology, 2001, 50, 913-25.

Source: <https://exaly.com/paper-pdf/32490767/citation-report.pdf>

Version: 2024-04-28

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
2246	Morphological largess: can morphology offer more and be modelled as a stochastic evolutionary process?. 83-115		2
2245	Phylogenetic placement of retropinnid fishes: data set incongruence can be reduced by using asymmetric character state transformation costs. <i>Systematic Biology</i> , 2002 , 51, 432-49	8.4	42
2244	Testing phylogenetic hypotheses with stratigraphy and morphology—comment on Smith (2000). 2002 , 76, 590		5
2243	Molecular markers for the phylogenetics of mites and ticks. 2002 , 7, 3		113
2242	Increased congruence does not necessarily indicate increased phylogenetic accuracy—the behavior of the incongruence length difference test in mixed-model analyses. <i>Systematic Biology</i> , 2002 , 51, 19-31	8.4	161
2241	Testing phylogenetic hypotheses with stratigraphy and morphology—comment on Smith (2000). 2002 , 76, 590-593		3
2240	Mitochondrial DNA, morphology, and the phylogenetic relationships of Antarctic icefishes (Notothenioidei: Channichthyidae). 2003 , 28, 87-98		63
2239	Phylogeny and evolution of reproductive modes in Autolytinae (Syllidae, Annelida). 2003 , 29, 235-49		78
2238	Detecting correlation between characters in a comparative analysis with uncertain phylogeny. 2003 , 57, 1237-47		69
2237	Parsimony, likelihood, and simplicity. 2003 , 19, 91-103		64
2236	Systematics and biogeography of the family Scorpionidae (Chelicerata : Scorpiones), with a discussion on phylogenetic methods. 2003 , 17, 185		68
2235	Reconstructing Ancestral Patterns of Colonization and Dispersal in the Hawaiian Understory Tree Genus <i>Psychotria</i> (Rubiaceae): A Comparison of Parsimony and Likelihood Approaches. <i>Systematic Biology</i> , 2003 , 52, 820-838	8.4	64
2234	DETECTING CORRELATION BETWEEN CHARACTERS IN A COMPARATIVE ANALYSIS WITH UNCERTAIN PHYLOGENY. 2003 , 57, 1237		8
2233	Phylogeny reconstruction: the role of morphology. <i>Systematic Biology</i> , 2003 , 52, 539-48	8.4	292
2232	Supertrees are a necessary not-so-evil: a comment on Gatesy et al. <i>Systematic Biology</i> , 2003 , 52, 724-9	8.4	29
2231	Stochastic mapping of morphological characters. <i>Systematic Biology</i> , 2003 , 52, 131-58	8.4	590
2230	Phylogenetic Reconstructions of Ostracodes —A Molecular Approach. 2003 , 9, 71-88		2

2229	Comparison of site-specific rate-inference methods for protein sequences: empirical Bayesian methods are superior. 2004 , 21, 1781-91		336
2228	The MinMax Squeeze: guaranteeing a minimal tree for population data. 2005 , 22, 235-42		12
2227	Congruence versus phylogenetic accuracy: revisiting the incongruence length difference test. <i>Systematic Biology</i> , 2004 , 53, 81-9	8.4	199
2226	A phylogenetic mixture model for detecting pattern-heterogeneity in gene sequence or character-state data. <i>Systematic Biology</i> , 2004 , 53, 571-81	8.4	368
2225	Inferring Phylogenies. Joseph Felsenstein. 2003. Sinauer Associates, Sunderland, Massachusetts.. <i>Systematic Biology</i> , 2004 , 53, 669-670	8.4	6
2224	PHYLOGENY, ECOMORPHOLOGICAL EVOLUTION, AND HISTORICAL BIOGEOGRAPHY OF THE ANOLIS CRISTATELLUS SERIES. 2004 , 18, 90		31
2223	Phylogeny and evolution of medical species of <i>Candida</i> and related taxa: a multigenic analysis. 2004 , 42, 5624-35		94
2222	Distances that perfectly mislead. <i>Systematic Biology</i> , 2004 , 53, 327-32	8.4	11
2221	The contest between parsimony and likelihood. <i>Systematic Biology</i> , 2004 , 53, 644-53	8.4	53
2220	MORPHOLOGY, PHYLOGENETIC TAXONOMY, AND SYSTEMATICS OF ICHTHYORNIS AND APATORNIS (AVIALAE: ORNITHURAE). 2004 , 286, 1-179		167
2219	The evolutionary origin of a novel karyotype in <i>Timarcha</i> (Coleoptera, Chrysomelidae) and general trends of chromosome evolution in the genus. 2004 , 42, 332-341		16
2218	Evolutionary morphology of the coelurosaurian arctometatarsus: descriptive, morphometric and phylogenetic approaches. 2004 , 142, 525-553		41
2217	Evolution and host specificity in the ectomycorrhizal genus <i>Leccinum</i> . 2004 , 163, 201-215		62
2216	Phylogenetic analysis of Geotrupidae (Coleoptera, Scarabaeoidea) based on larvae. 2004 , 29, 509-523		20
2215	Bayesian inference of the metazoan phylogeny; a combined molecular and morphological approach. 2004 , 14, 1644-9		100
2214	Bayesian estimation of ancestral character states on phylogenies. <i>Systematic Biology</i> , 2004 , 53, 673-84	8.4	922
2213	Complex biogeographic patterns in <i>Androsace</i> (Primulaceae) and related genera: evidence from phylogenetic analyses of nuclear internal transcribed spacer and plastid trnL-F sequences. <i>Systematic Biology</i> , 2004 , 53, 856-76	8.4	46
2212	Two further links between MP and ML under the poisson model. 2004 , 17, 785-790		24

2211	A molecular approach to discerning the phylogenetic placement of the enigmatic snake <i>Xenophidion schaeferi</i> among the Alethinophidia. 2004 , 263, 285-294		43
2210	Ecdysozoan phylogeny and Bayesian inference: first use of nearly complete 28S and 18S rRNA gene sequences to classify the arthropods and their kin. 2004 , 31, 178-91		261
2209	Phylogenetic relationships of Iberian Aphodiini (Coleoptera: Scarabaeidae) based on morphological and molecular data. 2004 , 31, 1084-100		13
2208	Phylogeny and host-plant association in the leaf beetle genus <i>Trirhabda</i> LeConte (Coleoptera: Chrysomelidae). 2004 , 32, 358-74		15
2207	Molecular phylogeny and character evolution in the Western Palaearctic Helicidae s.l. (Gastropoda: Stylommatophora). 2004 , 32, 724-34		46
2206	Rapid radiation and cryptic speciation in squat lobsters of the genus <i>Munida</i> (Crustacea, Decapoda) and related genera in the South West Pacific: molecular and morphological evidence. 2004 , 33, 259-79		71
2205	Phylogenetic analysis of the nuclear alcohol dehydrogenase (Adh) gene family in <i>Carex</i> section <i>Acrocystis</i> (Cyperaceae) and combined analyses of Adh and nuclear ribosomal ITS and ETS sequences for inferring species relationships. 2004 , 33, 671-86		11
2204	Phylogenetics of artificial manuscripts. 2004 , 227, 503-11		46
2203	Analysis of shape variation in <i>Phalops</i> Erichson genus (Coleoptera, Scarabaeoidea, Onthophagini). 2004 , 71, 73-78		1
2202	Bayesian phylogenetic analysis of combined data. <i>Systematic Biology</i> , 2004 , 53, 47-67	8.4	1437
2201	Phylogeny and systematics of <i>Achillea</i> (Asteraceae: Anthemideae) inferred from nrITS and plastid trnL-F DNA sequences. 2004 , 53, 657-672A		63
2200	Molecules consolidate the placental mammal tree. 2004 , 19, 430		1
2199	Molecular phylogeny, historical biogeography, and divergence time estimates for swallowtail butterflies of the genus <i>Papilio</i> (Lepidoptera: Papilionidae). <i>Systematic Biology</i> , 2004 , 53, 193-215	8.4	175
2198	Phylogenetic Analysis of the New World <i>Polistes</i> (Hymenoptera: Vespidae: Polistinae) Using Morphology and Molecules. 2004 , 77, 742-760		13
2197	Model selection in ecology and evolution. 2004 , 19, 101-8		2635
2196	Molecules consolidate the placental mammal tree. 2004 , 19, 430-8		324
2195	Bayesian inference of character evolution. 2004 , 19, 475-81		259
2194	Accepting partnership by submission? Morphological phylogenetics in a molecular millennium. <i>Systematic Biology</i> , 2004 , 53, 333-42	8.4	123

2193	Multiple data sets, high homoplasy, and the phylogeny of softshell turtles (Testudines: Trionychidae). <i>Systematic Biology</i> , 2004 , 53, 693-710	8.4	87
2192	The role of morphological data in phylogeny reconstruction. <i>Systematic Biology</i> , 2004 , 53, 653-61	8.4	245
2191	Parallel Loss of a Slowly Evolving Intron from Two Closely Related Families in Asparagales. 2004 , 29, 296-307		13
2190	Mapping mutations on phylogenies. 2005 ,		
2189	Molecular phylogenetics of Phyllanthaceae inferred from five genes (plastid atpB, matK, 3'ndhF, rbcL, and nuclear PHYC). 2005 , 36, 112-34		66
2188	Molecular and morphological evolution of the amphipod radiation of Lake Baikal. 2005 , 35, 323-43		122
2187	Incongruence between primary sequence data and the distribution of a mitochondrial atp1 group II intron among ferns and horsetails. 2005 , 36, 484-93		59
2186	Phylogeny of Aphroditiformia (Polychaeta) based on molecular and morphological data. 2005 , 37, 494-502		40
2185	Phylogenetic relationships of corytophanid lizards (Iguania, Squamata, Reptilia) based on partitioned and total evidence analyses of sperm morphology, gross morphology, and DNA data. 2005 , 34, 605-625		25
2184	TESTING HYPOTHESES ABOUT ECOLOGICAL SPECIALIZATION USING PHYLOGENETIC TREES. 2005 , 59, 2256-2263		106
2183	PHYLOGENY, BIOGEOGRAPHY, AND MOLECULAR DATING OF CORNELIAN CHERRIES (CORNUS, CORNACEAE): TRACKING TERTIARY PLANT MIGRATION. 2005 , 59, 1685-1700		66
2182	A review of long-branch attraction. 2005 , 21, 163-193		763
2181	Morphological phylogeny of army ants and other dorylomorphs (Hymenoptera: Formicidae). 2005 , 30, 593-618		25
2180	Multiple Gene Evidence for Parallel Evolution and Retention of Ancestral Morphological States in the Shanks (Charadriiformes: Scolopacidae). 2005 , 107, 514-526		19
2179	Ontogeny discombobulates phylogeny: paedomorphosis and higher-level salamander relationships. <i>Systematic Biology</i> , 2005 , 54, 91-110	8.4	196
2178	Can incomplete taxa rescue phylogenetic analyses from long-branch attraction?. <i>Systematic Biology</i> , 2005 , 54, 731-42	8.4	216
2177	Asynchronous colonization of Madagascar by the four endemic clades of primates, tenrecs, carnivores, and rodents as inferred from nuclear genes. <i>Systematic Biology</i> , 2005 , 54, 719-30	8.4	316
2176	Comparative methods for the analysis of gene-expression evolution: an example using yeast functional genomic data. 2005 , 22, 40-50		60

2175	Using the quantitative genetic threshold model for inferences between and within species. 2005 , 360, 1427-34		122
2174	Resolving deep phylogenetic relationships in salamanders: analyses of mitochondrial and nuclear genomic data. <i>Systematic Biology</i> , 2005 , 54, 758-77	8.4	46
2173	PHYLOGENY, BIOGEOGRAPHY, AND MOLECULAR DATING OF CORNELIAN CHERRIES (CORNUS, CORNACEAE): TRACKING TERTIARY PLANT MIGRATION. 2005 , 59, 1685		5
2172	Molecular phylogenetics of the siphonophora (Cnidaria), with implications for the evolution of functional specialization. <i>Systematic Biology</i> , 2005 , 54, 916-35	8.4	70
2171	TESTING HYPOTHESES ABOUT ECOLOGICAL SPECIALIZATION USING PHYLOGENETIC TREES. 2005 , 59, 2256		7
2170	Telling the Evolutionary Time: Molecular Clocks and the Fossil Record. Philip C. J. Donoghue and M. Paul Smith, editors.. <i>Systematic Biology</i> , 2005 , 54, 174-176	8.4	
2169	A new technique for identifying sequence heterochrony. <i>Systematic Biology</i> , 2005 , 54, 230-40	8.4	97
2168	Incorporating gene-specific variation when inferring and evaluating optimal evolutionary tree topologies from multilocus sequence data. 2005 , 102, 4436-41		34
2167	Hylid frog phylogeny and sampling strategies for speciose clades. <i>Systematic Biology</i> , 2005 , 54, 778-807	8.4	252
2166	Explosive radiation of Malpighiales supports a mid-cretaceous origin of modern tropical rain forests. 2005 , 165, E36-65		251
2165	Phylogenetic significance of the rpoA loss in the chloroplast genome of mosses. 2005 , 54, 353-360		36
2164	Bayesian inference of phylogenetics revisited: developments and concerns. 2005 , 54, 9-15		1
2163	Intraspecific variability and timing in ancestral ecology reconstruction: a test case from the cape flora. <i>Systematic Biology</i> , 2005 , 54, 299-316	8.4	58
2162	Bayesian Analysis of Molecular Evolution Using MrBayes. 2005 , 183-226		127
2161	ASSESSING THE TAXONOMIC STATUS OF THE PALAWAN PANGOLIN MANIS CULIONENSIS (PHOLIDOTA) USING DISCRETE MORPHOLOGICAL CHARACTERS. 2005 , 86, 1068-1074		49
2160	SYSTEMATIC REVIEW OF THE FROG FAMILY HYLIDAE, WITH SPECIAL REFERENCE TO HYLINAE: PHYLOGENETIC ANALYSIS AND TAXONOMIC REVISION. 2005 , 294, 1		447
2159	Posterior Mapping and Posterior Predictive Distributions. 2005 , 439-462		15
2158	Multiple Gene Evidence for Parallel Evolution and Retention of Ancestral Morphological States in the Shanks (Charadriiformes: Scolopacidae). 2005 , 107, 514		24

2157	Exploring new uses for measures of fit of phylogenetic hypotheses to the fossil record. 2006 , 32, 147-165	7
2156	Phylogenetic analyses of parasites in the new millennium. 2006 , 63, 1-124	25
2155	Evolution of the mammalian placenta revealed by phylogenetic analysis. 2006 , 103, 3203-8	250
2154	WHY DOES A TRAIT EVOLVE MULTIPLE TIMES WITHIN A CLADE? REPEATED EVOLUTION OF SNAKELIKE BODY FORM IN SQUAMATE REPTILES. 2006 , 60, 123	9
2153	PHYLOGENY OF NEORNITHES. 2006 , 37, 1-544	136
2152	Plant defense syndromes. 2006 , 87, S132-49	470
2151	Molecular phylogenetic analyses indicate multiple independent emergences of parasitism in Myzostomida (Protostomia). <i>Systematic Biology</i> , 2006 , 55, 208-27	8.4 18
2150	Species level phylogeny of the genus <i>Cornus</i> (Cornaceae) based on molecular and morphological evidence—Implications for taxonomy and Tertiary intercontinental migration. 2006 , 55, 9-30	87
2149	Determining the potential utility of datasets for phylogeny reconstruction. 2006 , 55, 431-442	17
2148	PHYLOGENETICS OF THE GENUS <i>CHIRONIUS</i> FITZINGER, 1826 (SERPENTES, COLUBRIDAE) BASED ON MORPHOLOGY. 2006 , 62, 435-453	22
2147	RAPID DIVERSIFICATION, INCOMPLETE ISOLATION, AND THE SPECIATION CLOCK IN NORTH AMERICAN SALAMANDERS (GENUS <i>PLETHODON</i>): TESTING THE HYBRID SWARM HYPOTHESIS OF RAPID RADIATION. 2006 , 60, 2585	9
2146	Phylogeny and biogeography of the staghorn fern genus <i>Platycterium</i> (Polypodiaceae, Polypodiidae). 2006 , 93, 217-25	51
2145	Rapid evolution of an ancient lake species flock: Freshwater limpets (Gastropoda: Ancylidae) in the Balkan Lake Ohrid. 2006 , 6, 294-307	84
2144	Molecular clock and estimation of species divergence times. 2006 , 223-258	
2143	SOCIALITY IN THERIDIID SPIDERS: REPEATED ORIGINS OF AN EVOLUTIONARY DEAD END. 2006 , 60, 2342	7
2142	Dynamic homology and the likelihood criterion. 2006 , 22, 157-170	33
2141	Phylogeny of South American <i>Bufo</i> (Anura: Bufonidae) inferred from combined evidence. 2006 , 146, 407-452	169
2140	WHY DOES A TRAIT EVOLVE MULTIPLE TIMES WITHIN A CLADE? REPEATED EVOLUTION OF SNAKELINE BODY FORM IN SQUAMATE REPTILES. 2006 , 60, 123-141	220

2139	USING HETEROCHRONY TO DETECT MODULARITY IN THE EVOLUTION OF STEM DIVERSITY IN THE PLANT FAMILY MORINGACEAE. 2006 , 60, 724-734	47
2138	SOCIALITY IN THERIDIID SPIDERS: REPEATED ORIGINS OF AN EVOLUTIONARY DEAD END. 2006 , 60, 2342-2351	134
2137	RAPID DIVERSIFICATION, INCOMPLETE ISOLATION, AND THE SPECIATION CLOCK IN NORTH AMERICAN SALAMANDERS (GENUS PLETHODON): TESTING THE HYBRID SWARM HYPOTHESIS OF RAPID RADIATION. 2006 , 60, 2585-2603	82
2136	An ancient African radiation of corvid birds (Aves: Passeriformes) detected by mitochondrial and nuclear sequence data. 2006 , 35, 375-385	29
2135	Are any primroses (<i>Primula</i>) primitively monomorphic?. 2006 , 171, 605-16	88
2134	A model for the morphogenesis of strip reduction patterns in phototrophic euglenids: evidence for heterochrony in pellicle evolution. 2006 , 8, 378-88	18
2133	Multiple nuclear gene sequences identify phylogenetic species boundaries in the rapidly radiating clade of Mexican ambystomatid salamanders. 2006 , 15, 2489-503	61
2132	Systematics of the cyclostome subfamilies of braconid parasitic wasps (Hymenoptera: Ichneumonoidea): a simultaneous molecular and morphological Bayesian approach. 2006 , 38, 130-45	85
2131	Testing the polyploid past of soybean using a low-copy nuclear gene--is Glycine (Fabaceae: Papilionoideae) an auto- or allopolyploid?. 2006 , 39, 580-4	38
2130	Accounting for variation of substitution rates through time in Bayesian phylogeny reconstruction of Sapotoideae (Sapotaceae). 2006 , 39, 706-21	28
2129	A total evidence assessment of the phylogeny of North American euctenizine trapdoor spiders (Araneae, Mygalomorphae, Cyrtaucheniidae) using Bayesian inference. 2006 , 41, 70-85	50
2128	Phylogenetic systematics of the colorful, cyanide-producing millipedes of Appalachia (Polydesmida, Xystodesmidae, Apheloriini) using a total evidence Bayesian approach. 2006 , 41, 704-29	34
2127	Revision of <i>Nicrophorus</i> in part: new species and inferred phylogeny of the nepalensis-group based on evidence from morphology and mitochondrial DNA (Coleoptera:Silphidae:Nicrophorinae). 2006 , 20, 305	20
2126	Phylogenetic analysis of morphology in <i>Prunus</i> reveals extensive homoplasy. 2006 , 259, 53-71	50
2125	Homology assessment and molecular sequence alignment. 2006 , 39, 18-33	34
2124	The great escape: do parasites break Dollo's law?. 2006 , 22, 509-15	21
2123	SIMMAP: stochastic character mapping of discrete traits on phylogenies. 2006 , 7, 88	561
2122	Tenrec phylogeny and the noninvasive extraction of nuclear DNA. <i>Systematic Biology</i> , 2006 , 55, 181-94	8.4 59

2121	The effect of combining molecular and morphological data in published phylogenetic analyses. <i>Systematic Biology</i> , 2006 , 55, 677-85	8.4	60
2120	Multiple origins of the Juan Fernandez kelpfish fauna and evidence for frequent and unidirectional dispersal of cirrhitoid fishes across the South Pacific. <i>Systematic Biology</i> , 2006 , 55, 566-78	8.4	25
2119	The ancestral distance test: what relatedness can reveal about correlated evolution in large lineages with missing character data and incomplete phylogenies. <i>Systematic Biology</i> , 2006 , 55, 803-17	8.4	4
2118	Mapping uncertainty and phylogenetic uncertainty in ancestral character state reconstruction: an example in the moss genus <i>Brachytheciastrum</i> . <i>Systematic Biology</i> , 2006 , 55, 957-71	8.4	45
2117	Are unequal clade priors problematic for Bayesian phylogenetics?. <i>Systematic Biology</i> , 2006 , 55, 138-46; author reply 147-51	8.4	27
2116	The phylogeny of early eureptiles: comparing parsimony and Bayesian approaches in the investigation of a basal fossil clade. <i>Systematic Biology</i> , 2006 , 55, 503-11	8.4	88
2115	Repression and loss of gene expression outpaces activation and gain in recently duplicated fly genes. 2006 , 103, 11637-41		29
2114	USING HETEROCHRONY TO DETECT MODULARITY IN THE EVOLUTION OF STEM DIVERSITY IN THE PLANT FAMILY MORINGACEAE. 2006 , 60, 724		
2113	Testing the molecular clock: molecular and paleontological estimates of divergence times in the Echinoidea (Echinodermata). 2006 , 23, 1832-51		153
2112	New Insights into the Phylogeny of the Genus <i>Hymenophyllum</i> s.l. (Hymenophyllaceae): Revealing the Polyphyly of <i>Mecodium</i> . 2006 , 31, 271-284		32
2111	Does Macaronesia exist? Conflicting signal in the bryophyte and pteridophyte floras. 2007 , 94, 625-39		65
2110	Mitochondrial and nuclear DNA sequences support a Cretaceous origin of Columbiformes and a dispersal-driven radiation in the Paleocene. <i>Systematic Biology</i> , 2007 , 56, 656-72	8.4	91
2109	Multistate characters and diet shifts: evolution of Erotylidae (Coleoptera). <i>Systematic Biology</i> , 2007 , 56, 97-112	8.4	63
2108	Phylogeny and generic delimitation of <i>Adelia</i> (Euphorbiaceae) inferred from molecular and morphological data. 2007 , 56, 1027-1036		3
2107	Do individual and combined data analyses of molecules and morphology reveal the generic status of 'Pachysoma' MacLeay (Coleoptera: Scarabaeidae)?. 2007 , 38, 311-330		1
2106	Phylogenetic systematics and character evolution in the angiosperm family Haloragaceae. 2007 , 94, 2005-25		20
2105	Five <i>Drosophila</i> genomes reveal nonneutral evolution and the signature of host specialization in the chemoreceptor superfamily. 2007 , 177, 1395-416		143
2104	Is multiple-sequence alignment required for accurate inference of phylogeny?. <i>Systematic Biology</i> , 2007 , 56, 206-21	8.4	68

2103	The adequacy of morphology for reconstructing the early history of placental mammals. <i>Systematic Biology</i> , 2007 , 56, 673-84	8.4	92
2102	Wood ontogeny as a model for studying heterochrony, with an example of paedomorphosis in <i>Moringa</i> (Moringaceae). 2007 , 5, 145-158		22
2101	The supermatrix approach to systematics. 2007 , 22, 34-41		319
2100	Molecular phylogenetics of the lizard genus <i>Microlophus</i> (squamata:tropiduridae): aligning and retrieving indel signal from nuclear introns. <i>Systematic Biology</i> , 2007 , 56, 776-97	8.4	40
2099	Phylogeny of snakes (Serpentes): Combining morphological and molecular data in likelihood, Bayesian and parsimony analyses. 2007 , 5, 371-389		64
2098	Increasing hierarchical complexity throughout the history of life: phylogenetic tests of trend mechanisms. 2007 , 33, 182-200		23
2097	A Reevaluation of Cooperative Pack Hunting and Gregariousness in <i>Deinonychus antirrhopus</i> and Other Nonavian Theropod Dinosaurs. 2007 , 48, 103-138		36
2096	Correlates of diversification in the plant clade Dipsacales: geographic movement and evolutionary innovations. 2007 , 170 Suppl 2, S28-55		172
2095	Evolutionary Perspectives on Seed Consumption and Dispersal by Fishes. 2007 , 57, 748-756		136
2094	Part H, Brachiopoda (Revised), vol. 6, Complete Volume. 2007 ,		2
2093	Phylogeny of sipunculan worms: A combined analysis of four gene regions and morphology. 2007 , 42, 171-92		44
2092	Phylogenetics of the woodrat genus <i>Neotoma</i> (Rodentia: Muridae): implications for the evolution of phenotypic variation in male external genitalia. 2007 , 42, 637-52		48
2091	Phylogenetic analysis of honey bee behavioral evolution. 2007 , 43, 543-52		98
2090	Molecular phylogeny of Clupeiformes (Actinopterygii) inferred from nuclear and mitochondrial DNA sequences. 2007 , 44, 386-98		78
2089	Reticulate phylogenetics and phytogeographical structure of <i>Heliosperma</i> (Sileneae, Caryophyllaceae) inferred from chloroplast and nuclear DNA sequences. 2007 , 43, 140-55		80
2088	Defining the limits of taxonomic conservatism in host-plant use for phytophagous insects: molecular systematics and evolution of host-plant associations in the seed-beetle genus <i>Bruchus</i> Linnaeus (Coleoptera: Chrysomelidae: Bruchinae). 2007 , 43, 251-69		43
2087	Molecular phylogenetics of shrews (Mammalia: Soricidae) reveal timing of transcontinental colonizations. 2007 , 44, 126-37		103
2086	Combined genotypic-phenotypic phylogeny of the tribe Spathicarpeae (Araceae) with reference to independent events of invasion to Andean regions. 2007 , 43, 1023-39		13

2085	Why weight?. 2007 , 43, 999-1004	14
2084	Molecular evolution of the vesicle coat component betaCOP in <i>Toxoplasma gondii</i> . 2007 , 44, 1284-94	7
2083	Phylogeny of benthic Phyllodocidae (Polychaeta) based on morphological and molecular data. 2007 , 45, 261-71	19
2082	A single origin of gall association in a group of parasitic wasps with disparate morphologies. 2007 , 44, 981-92	46
2081	A gleam in the dark: phylogenetic species delimitation in the confusing spring-snail genus <i>Bythinella</i> Moquin-Tandon, 1856 (Gastropoda: Risssooidea: Amnicolidae). 2007 , 45, 927-41	45
2080	Data congruence, paedomorphosis and salamanders. 2007 , 4, 22	9
2079	Evolutionary radiation of the cicada genus <i>Maoricicada</i> Dugdale (Hemiptera: Cicadoidea) and the origins of the New Zealand alpine biota. 2007 , 91, 419-435	52
2078	Molecular phylogeny of the genus <i>Tibicina</i> (Hemiptera, Cicadidae): rapid radiation and acoustic behaviour. 2007 , 91, 611-626	29
2077	Evolutionary history of the burnet moth genus <i>Zygaena</i> Fabricius, 1775 (Lepidoptera: Zygaenidae) inferred from nuclear and mitochondrial sequence data: phylogeny, host-plant association, wing pattern evolution and historical biogeography. 2007 , 92, 501-520	17
2076	A method for constraining the age of origination of derived characters.. 2007 , 23, 169-179	2
2075	The phylogeny and evolution of <i>Figitidae</i> (Hymenoptera: Cynipoidea). 2007 , 23, 403-431	63
2074	Higher-order phylogeny of modern birds (Theropoda, Aves: Neornithes) based on comparative anatomy. II. Analysis and discussion. 2007 , 149, 1-95	367
2073	Systematics and biogeography of the widespread Neotropical gekkonid genus <i>Thecadactylus</i> (Squamata), with the description of a new cryptic species. 2007 , 149, 339-370	28
2072	Increased taxon and character sampling reveals novel intergeneric relationships in the <i>Cracidae</i> (Aves: Galliformes). 2007 , 45, 242-254	14
2071	The role of character loss in phylogenetic reconstruction as exemplified for the Annelida. 2007 , 45, 299-307	35
2070	Phylogeny and classification of diving beetles in the tribe <i>Cybistrini</i> (Coleoptera, Dytiscidae, Dytiscinae). 2007 , 36, 41-59	25
2069	Phylogeny of <i>Hesionidae</i> (Aciculata, Polychaeta), assessed from morphology, 18S rDNA, 28S rDNA, 16S rDNA and COI. 2007 , 36, 99-107	18
2068	Synchronous intercontinental splits between assemblages of woodpeckers suggested by molecular data. 2007 , 36, 11-25	41

- 2067 Phylogeny and biogeography of a large radiation of Andean lizards (Iguania, *Stenocercus*). **2007**, 36, 311-326 32
- 2066 Phylogenetic reconstruction of carnivore social organizations. **2007**, 273, 90-97 26
- 2065 A phylogenetic perspective on elevational species richness patterns in Middle American treefrogs: why so few species in lowland tropical rainforests?. **2007**, 61, 1188-207 103
- 2064 Loss and re-evolution of complex life cycles in marsupial frogs: does ancestral trait reconstruction mislead?. **2007**, 61, 1886-99 83
- 2063 A phylogenetic hot spot for evolutionary novelty in Middle American treefrogs. **2007**, 61, 2075-85 17
- 2062 The evolution of dioecy, heterodichogamy, and labile sex expression in *Acer*. **2007**, 61, 2701-19 91
- 2061 The phylogeny of Iberian Aphodiini species (Coleoptera, Scarabaeoidea, Scarabaeidae, Aphodiinae) based on morphology. **2007**, 32, 156-175 7
- 2060 Phylogeny and classification of the Phengaris~~M~~aculinea clade (Lepidoptera: Lycaenidae): total evidence and phylogenetic species concepts. **2007**, 32, 558-567 37
- 2059 Phylogeny of the bees of the family Apidae based on larval characters with focus on the origin of cleptoparasitism (Hymenoptera: Apiformes). **2007**, 32, 700-711 21
- 2058 Phylogenetic reconstruction using secondary structures of Internal Transcribed Spacer 2 (ITS2, rDNA): finding the molecular and morphological gap in Caribbean gorgonian corals. **2007**, 7, 90 52
- 2057 Using a multigene phylogenetic analysis to assess generic delineation and character evolution in Verrucariaceae (Verrucariales, Ascomycota). **2007**, 111, 1145-68 130
- 2056 Phylogeography of mitochondrial DNA in South Asian Dolly Varden char *Salvelinus curilus* Pallas, 1814 (Salmoniformes, Salmonidae): Mediated gene introgression?. **2007**, 43, 165-176 20
- 2055 Phylogenetic history underlies elevational biodiversity patterns in tropical salamanders. **2007**, 274, 919-28 142
- 2054 Multigene phylogeny of the Mustelidae: resolving relationships, tempo and biogeographic history of a mammalian adaptive radiation. **2008**, 6, 10 207
- 2053 Tree thinking for all biology: the problem with reading phylogenies as ladders of progress. **2008**, 30, 854-67 89
- 2052 Assessing phylogenetic resolution among mitochondrial, nuclear, and morphological datasets in *Nothonotus* darters (Teleostei: Percidae). **2008**, 46, 708-20 25
- 2051 DNA evidence for a Paleocene origin of the Alcidae (Aves: Charadriiformes) in the Pacific and multiple dispersals across northern oceans. **2008**, 46, 430-45 41
- 2050 Dealing with incongruence in the quest for the species tree: a case study from the orchid genus *Satyrium*. **2008**, 47, 154-74 53

2049	Assessing phylogenetic dependence of morphological traits using co-inertia prior to investigate character evolution in Loricariinae catfishes. 2008 , 46, 986-1002	26
2048	Mitochondrial phylogeny of the endemic Hawaiian craneflies (Diptera, Limoniidae, Dicranomyia): implications for biogeography and species formation. 2008 , 46, 1182-90	15
2047	Evolution of syncarpy and other morphological characters in African Annonaceae: a posterior mapping approach. 2008 , 47, 302-18	56
2046	Grafting the molecular phylogenetic tree with morphological branches to reconstruct the evolutionary history of the genus <i>Zaprionus</i> (Diptera: Drosophilidae). 2008 , 47, 903-15	36
2045	Diversification of <i>Lupinus</i> (Leguminosae) in the western New World: derived evolution of perennial life history and colonization of montane habitats. 2008 , 48, 408-21	71
2044	Species limits and phylogeography of North American cricket frogs (<i>Acris</i> : Hylidae). 2008 , 48, 112-25	46
2043	Molecular phylogeny of the Tylenchina and evolution of the female gonoduct (Nematoda: Rhabditida). 2008 , 48, 728-44	96
2042	Reticulate or tree-like chloroplast DNA evolution in <i>Sileneae</i> (Caryophyllaceae)? 2008 , 48, 313-25	49
2041	Phylogeny and evolutionary history of the blister beetles (Coleoptera, Meloidae). 2008 , 48, 679-93	65
2040	Colonization and diversification of the spider genus <i>Pholcus</i> Walckenaer, 1805 (Araneae, Pholcidae) in the Macaronesian archipelagos: evidence for long-term occupancy yet rapid recent speciation. 2008 , 48, 596-614	27
2039	Molecular systematics and biogeography of <i>Nicrophorus</i> in part--the investigator species group (Coleoptera: Silphidae) using mixture model MCMC. 2008 , 48, 646-66	13
2038	Steady Plio-Pleistocene diversification and a 2-million-year sympatry threshold in a New Zealand cicada radiation. 2008 , 48, 1054-66	48
2037	The world in a river? A preliminary analysis of the 16S rDNA variability of <i>Tubifex</i> species (Clitellata: Tubificidae) from the Lambro River. 2008 , 48, 1189-203	16
2036	Biogeographic origin and radiation of the Old World crocidurine shrews (Mammalia: Soricidae) inferred from mitochondrial and nuclear genes. 2008 , 48, 953-63	54
2035	Exploring phenotypic plasticity and biogeography in emerald moths: A phylogeny of the genus <i>Nemoria</i> (Lepidoptera: Geometridae). 2008 , 49, 477-87	18
2034	Phylogeny and biogeography of bees of the tribe Osmiini (Hymenoptera: Megachilidae). 2008 , 49, 185-97	54
2033	Phylogenetic analysis of the internal transcribed spacer (ITS) region in Menyanthaceae using predicted secondary structure. 2008 , 49, 526-37	23
2032	Phylogenetic relationships of Ruteae (Rutaceae): new evidence from the chloroplast genome and comparisons with non-molecular data. 2008 , 49, 736-48	27

2031	Phylogeny and generic limits in the <i>Niemeyera</i> complex of New Caledonian Sapotaceae: evidence of multiple origins of the anisomerous flower. 2008 , 49, 909-29	33
2030	W(h)ither Fossils? Studying Morphological Character Evolution in the Age of Molecular Sequences1. 2008 , 95, 72-100	43
2029	Evolutionary links between reproductive morphology, ecology and mating behavior in opisthobranch gastropods. 2008 , 62, 900-16	34
2028	Rates and patterns in the evolution of snake-like body form in squamate reptiles: evidence for repeated re-evolution of lost digits and long-term persistence of intermediate body forms. 2008 , 62, 2042-64	155
2027	Evolutionary relationships among food habit, loss of flight, and reproductive traits: life-history evolution in the Silphinae (Coleoptera: Silphidae). 2008 , 62, 2065-79	40
2026	On phylogenetic tests of irreversible evolution. 2008 , 62, 2727-41	191
2025	Python phylogenetics: inference from morphology and mitochondrial DNA. 2008 , 93, 603-619	56
2024	On the head morphology of <i>Tetraphalerus</i> , the phylogeny of Archostemata and the basal branching events in Coleoptera. 2008 , 24, 270-298	78
2023	Morphology versus molecules: the phylogenetic relationships of Sepsidae (Diptera: Cyclorrhapha) based on morphology and DNA sequence data from ten genes. 2008 , 24, 902-916	49
2022	Multi-gene phylogeny of the pantropical subfamily Chrysophylloideae (Sapotaceae): evidence of generic polyphyly and extensive morphological homoplasy. 2008 , 24, 1006-1031	58
2021	Combined-data phylogenetics and character evolution of Clitellata (Annelida) using 18S rDNA and morphology. 2008 , 154, 1-26	43
2020	Dated ancestral trees from binary trait data and their application to the diversification of languages. 2008 , 70, 545-566	27
2019	Tyrant flycatchers coming out in the open: phylogeny and ecological radiation of Tyrannidae (Aves, Passeriformes). 2008 , 37, 315-335	66
2018	Testing for evolutionary trade-offs in a phylogenetic context: ecological diversification and evolution of locomotor performance in emydid turtles. 2008 , 21, 77-87	33
2017	Colonization history, ecological shifts and diversification in the evolution of endemic Galapagos weevils. 2008 , 17, 1089-107	48
2016	The barriers to oceanic island radiation in bryophytes: insights from the phylogeography of the moss <i>Grimmia montana</i> . 2008 , 35, 654-663	66
2015	Pliocene climatic change in insular Southeast Asia as an engine of diversification in <i>Ficedula</i> flycatchers. 2008 , 35, 739-752	51
2014	Inferring dispersal: a Bayesian approach to phylogeny-based island biogeography, with special reference to the Canary Islands. 2008 , 35, 428-449	175

2013	Extreme primary and secondary protein structure variability in the chimeric male-transmitted cytochrome c oxidase subunit II protein in freshwater mussels: evidence for an elevated amino acid substitution rate in the face of domain-specific purifying selection. 2008 , 8, 165		32
2012	A DNA and morphology based phylogenetic framework of the ant genus <i>Lasius</i> with hypotheses for the evolution of social parasitism and fungiculture. 2008 , 8, 237		17
2011	Biogeographical and evolutionary patterns in the Macaronesian shield-backed katydid genus <i>Calliphona</i> Krauss, 1892 (Orthoptera: Tettigoniidae) and allies as inferred from phylogenetic analyses of multiple mitochondrial genes. 2008 , 33, 145-158		10
2010	A subfamily-level classification of mealybugs (Hemiptera: Pseudococcidae) based on integrated molecular and morphological data. 2008 , 33, 51-71		70
2009	Insights into the phylogenetic relationships within Cixiidae (Hemiptera: Fulgoromorpha): cladistic analysis of a morphological dataset. 2008 , 33, 484-500		18
2008	Molecular phylogenetics of heliothine moths (Lepidoptera: Noctuidae: Heliothinae), with comments on the evolution of host range and pest status. 2008 , 33, 581-594		67
2007	Use of Simultaneous Analyses to Guide Fossil-Based Calibrations of Pinaceae Phylogeny. 2008 , 169, 1086-1099	117	
2006	From offshore to onshore: multiple origins of shallow-water corals from deep-sea ancestors. 2008 , 3, e2429		81
2005	Inference of Phylogenetic Trees. 2008 , 1-38		2
2004	The limitations of ancestral state reconstruction and the evolution of the ascus in the Lecanorales (lichenized Ascomycota). <i>Systematic Biology</i> , 2008 , 57, 141-56	8.4	117
2003	Molecular phylogeny and historical biogeography of the cosmopolitan parasitic wasp subfamily Doryctinae (Hymenoptera: Braconidae). 2008 , 22, 345		81
2002	Amazonian lowland, white sand areas as ancestral regions for South American biodiversity: Biogeographic and phylogenetic patterns in <i>Potalia</i> (Angiospermae: Gentianaceae). 2008 , 8, 44-57		30
2001	Major evolutionary transitions in ant agriculture. 2008 , 105, 5435-40		426
2000	Mosaicism, modules, and the evolution of birds: results from a Bayesian approach to the study of morphological evolution using discrete character data. <i>Systematic Biology</i> , 2008 , 57, 185-201	8.4	83
1999	A rock-inhabiting ancestor for mutualistic and pathogen-rich fungal lineages. 2008 , 61, 111-9		155
1998	Evolutionary Relationships Of <i>Popenaias popeii</i> and the Early Evolution Of Lampsiline Bivalves (Unionidae): Phylogenetic Analyses Of Dna and Amino Acid Sequences From F and M Mitochondrial Genomes. 2008 , 50, 303-318		6
1997	A smaller <i>Macadamia</i> from a more vagile tribe: inference of phylogenetic relationships, divergence times, and diaspore evolution in <i>Macadamia</i> and relatives (tribe Macadamieae; Proteaceae). 2008 , 95, 843-70		58
1996	Probabilistic cross-species inference of orthologous genomic regions created by whole-genome duplication in yeast. 2008 , 179, 1681-92		33

1995	Origin and evolution of the northern hemisphere disjunction in the moss genus Homalothecium (Brachytheciaceae). 2008 , 95, 720-30		71
1994	Proposal for an Expanded Distichlis (Poaceae, Chloridoideae): Support from Molecular, Morphological, and Anatomical Characters. 2008 , 33, 536-551		22
1993	Systematics and natural history of the Australian genus Metoligotoma Davis (Embioptera:Australembiidae). 2008 , 22, 329		5
1992	Generic Circumscription in Menyanthaceae: A Phylogenetic Evaluation. 2008 , 33, 598-612		21
1991	Building trees of algae: some advances in phylogenetic and evolutionary analysis. 2008 , 43, 229-252		42
1990	A Bayesian perspective on a non-parsimonious parsimony model. <i>Systematic Biology</i> , 2008 , 57, 406-19	8.4	21
1989	A Phylogenetic Study of Evolutionary Transitions in Sexual Systems in Australasian Wurmbea (Colchicaceae). 2008 , 169, 141-156		36
1988	Coding meristic characters for phylogenetic analysis: a comparison of step-matrix gap-weighting and generalized frequency coding. <i>Systematic Biology</i> , 2008 , 57, 167-73	8.4	14
1987	Reproductive Biology of Mediterranean Hermit Crabs: Fine Structure of Spermatophores and Spermatozoa of Diogenes Pugilator (Decapoda: Anomura) and Its Bearing on a Sperm Phylogeny of Diogenidae. 2008 , 28, 534-542		12
1986	Relationships among felt scale insects (Hemiptera:Coccoidea:Eriococcidae) of southern beech, Nothofagus (Nothofagaceae), with the first descriptions of Australian species of the Nothofagus-feeding genus Madarococcus Hoy. 2008 , 22, 365		12
1985	Species and Taxonomy. 2008 ,		0
1984	Australia's oldest marsupial fossils and their biogeographical implications. 2008 , 3, e1858		73
1983	Using Trees: Myrmecocystus Phylogeny and Character Evolution and New Methods for Investigating Trait Evolution and Species Delimitation (PhD Dissertation). 2008 ,		12
1982	A first look at the phylogeny of the Myrmarachninae, with rediscovery and redescription of the type species of Myrmarachne (Araneae: Salticidae). 2009 , 2309, 1-29		12
1981	Male and female separation event trapped in a species tree. 2009 , 58, 172-180		5
1980	Phylogeny and evolution of the Arctium-Cousinia complex (Compositae, Cardueae-Carduinae). 2009 , 58, 153-171		35
1979	Resolving maternal relationships in the clubmoss genus Diphasiastrum (Lycopodiaceae). 2009 , 58, 835-848		6
1978	Phylogeny and biogeography of hawkmoths (Lepidoptera: Sphingidae): evidence from five nuclear genes. 2009 , 4, e5719		70

1977	Accounting for molecular stochasticity in systematic revisions: species limits and phylogeny of <i>Paroaria</i> . 2009 ,		
1976	Transmitting tissue architecture in basal-relictual angiosperms: Implications for transmitting tissue origins. 2009 , 96, 183-206		30
1975	Stem architecture in <i>Eleocharis</i> subgenus <i>Limnochloa</i> (Cyperaceae): Evidence of dynamic morphological evolution in a group of pantropical sedges. 2009 , 96, 1487-99		10
1974	Phylogenetic analysis of sexual systems in <i>Inuleae</i> (Asteraceae). 2009 , 96, 1011-9		19
1973	Reconstructing web evolution and spider diversification in the molecular era. 2009 , 106, 5229-34		270
1972	Testing the impact of miniaturization on phylogeny: Paleozoic dissorophoid amphibians. <i>Systematic Biology</i> , 2009 , 58, 312-27	8.4	51
1971	Hybrid origins and homoploid reticulate evolution within <i>Heliosperma</i> (Sileneae, Caryophyllaceae)—a multigene phylogenetic approach with relative dating. <i>Systematic Biology</i> , 2009 , 58, 328-45	8.4	95
1970	A Phylogenetic Analysis and Taxonomic Revision of <i>Bartonia</i> (Gentianaceae: Gentianeae), Based on Molecular and Morphological Evidence. 2009 , 34, 162-172		4
1969	Evolution of lamina anatomy in the palm family (Arecaceae). 2009 , 96, 1462-86		36
1968	Paleontology, genomics, and combined-data phylogenetics: can molecular data improve phylogeny estimation for fossil taxa?. <i>Systematic Biology</i> , 2009 , 58, 87-99	8.4	53
1967	The biogeographic history of beech trees. 2009 , 158, 83-100		58
1966	Eumalacostracan phylogeny and total evidence: limitations of the usual suspects. 2009 , 9, 21		46
1965	Phylogenetic analysis and temporal diversification of mosquitoes (Diptera: Culicidae) based on nuclear genes and morphology. 2009 , 9, 298		130
1964	Description, circumscription and phylogenetics of the new tribe <i>Zaeucoilini</i> (Hymenoptera: Figitidae: Eucoilinae), including a description of a new genus. 2009 , 34, 162-187		19
1963	The species-level phylogeny of archostematan beetles—where do <i>Micromalthus debilis</i> and <i>Crowsoniella relictus</i> belong?. 2009 , 34, 533-558		26
1962	Conflict and resolution between phylogenies inferred from molecular and phenotypic data sets for hagfish, lampreys, and gnathostomes. 2009 , 312, 749-61		31
1961	Phylogenetic models and model selection for noncoding DNA. 2009 , 282, 109-126		9
1960	The Phylogenetic Affinities of the Enigmatic Mammalian Clade Gondwanatheria. 2009 , 16, 25-49		44

1959	Charles Darwin, beetles and phylogenetics. 2009 , 96, 1293-312	13
1958	Remarkable convergent evolution in specialized parasitic Thecostraca (Crustacea). 2009 , 7, 15	34
1957	The origins and diversification of C4 grasses and savanna-adapted ungulates. 2009 , 15, 2397-2417	86
1956	Spread of an introduced vector-borne banana virus in Hawaii. 2009 , 18, 136-46	27
1955	Extreme population genetic differentiation and secondary contact in the freshwater copepod <i>Acanthodiptomus pacificus</i> in the Japanese Archipelago. 2009 , 18, 3699-713	28
1954	Phylogenetic biome conservatism on a global scale. 2009 , 458, 754-6	485
1953	Bodyplan diversification in crinoid-associated myzostomes (Myzostomida, Protostomia). 2009 , 128, 283-301	6
1952	The evolution of bipedal postures in varanoid lizards. 2009 , 97, 652-663	14
1951	The thoracic morphology of Archostemata and the relationships of the extant suborders of Coleoptera (Hexapoda). 2009 , 25, 1-37	209
1950	Phylogenetic relationships of the spider family Tetragnathidae (Araneae, Araneoidea) based on morphological and DNA sequence data. 2009 , 25, 109-146	64
1949	Higher-level phylogenetics of linyphiid spiders (Araneae, Linyphiidae) based on morphological and molecular evidence. 2009 , 25, 231-262	63
1948	Phylogeny, biogeography and the stepwise evolutionary colonization of intertidal habitat in the Liparocephalini based on morphological and molecular characters (Coleoptera: Staphylinidae: Aleocharinae). 2010 , 26, 344-358	21
1947	Insensitive blueberries: a total-evidence analysis of <i>Disterigma</i> s.l. (Ericaceae) exploring transformation costs. 2010 , 26, 388-407	6
1946	Molecules, morphology, missing data and the phylogenetic position of a recently extinct madtom catfish (Actinopterygii: Ictaluridae). 2009 , 155, 60-75	12
1945	Morphological and molecular evidence for phylogeny and classification of South American pitvipers, genera <i>Bothrops</i> , <i>Bothriopsis</i> , and <i>Bothrocophias</i> (Serpentes: Viperidae). 2009 , 156, 617-640	103
1944	Did increased taxon and character sampling really reveal novel intergeneric relationships in the Cracidae (Aves: Galliformes)? 2009 , 47, 103-104	1
1943	Evolutionary transitions among dioecy, androdioecy and hermaphroditism in limnadiid clam shrimp (Branchiopoda: Spinicaudata). 2009 , 22, 1781-99	52
1942	Phylogeny and evolution of sexually selected tail ornamentation in widowbirds and bishops (<i>Euplectes</i> spp.). 2009 , 22, 2068-76	10

1941	Monophyly of terrestrial adephagan beetles as indicated by three nuclear genes (Coleoptera: Carabidae and Trachypachidae). 2009 , 38, 43-62	52
1940	Phylogeny and classification of the tribe Hydaticini (Coleoptera: Dytiscidae): partition choice for Bayesian analysis with multiple nuclear and mitochondrial protein-coding genes. 2009 , 38, 591-615	42
1939	The ghosts of Gondwana and Laurasia in modern liverwort distributions. 2010 , 85, 471-87	44
1938	Ancestral and monophyletic presence of diplostigmaty in Sebaea (Gentianaceae) and its potential role as a morphological mixed mating strategy. 2009 , 184, 303-310	16
1937	Fungal radiation in the Cape Floristic Region: an analysis based on Gondwanamyces and Ophiostoma. 2009 , 51, 111-9	28
1936	Cape diversification and repeated out-of-southern-Africa dispersal in paper daisies (Asteraceae-Gnaphalieae). 2009 , 51, 5-18	70
1935	Delimiting species boundaries within Dermanyssus Dugès, 1834 (Acari:Dermanyssidae) using a total evidence approach. 2009 , 50, 446-70	46
1934	Entomologically famous, evolutionarily unexplored: the first phylogeny of the lanternfly family Fulgoridae (Insecta: Hemiptera: Fulgoroidea). 2009 , 50, 471-84	35
1933	Multiple evolution of sexual dichromatism in African reed frogs. 2009 , 51, 388-93	13
1932	Phylogeny and biogeography of Alangiaceae (Cornales) inferred from DNA sequences, morphology, and fossils. 2009 , 51, 201-14	23
1931	Phylogeny of Barnadesioideae (Asteraceae) inferred from DNA sequence data and morphology. 2009 , 51, 572-87	46
1930	Molecular cophylogenetic relationships between European bats and their ectoparasitic mites (Acari, Spinturnicidae). 2009 , 51, 227-37	60
1929	Repeated evolution of closed fruiting bodies is linked to ascoma development in the largest group of lichenized fungi (Lecanoromycetes, Ascomycota). 2009 , 52, 34-44	41
1928	Occurrence and evolutionary origins of polyploids in the clubmoss genus Diphasiastrum (Lycopodiaceae). 2009 , 52, 746-54	9
1927	Accounting for molecular stochasticity in systematic revisions: species limits and phylogeny of Paroaria. 2009 , 53, 234-48	16
1926	The polyphyletic genus Sebaea (Gentianaceae): a step forward in understanding the morphological and karyological evolution of the Exaceae. 2009 , 53, 734-48	17
1925	Morphological Evolution in the Mulberry Family (Moraceae). 2009 , 34, 530-552	60
1924	Phylogenetic methods in natural product research. 2009 , 26, 1585-602	24

1923	Accommodating natural and sexual selection in butterfly wing pattern evolution. 2009 , 276, 2369-75	97
1922	New insights into the phylogenetic relationships, character evolution, and phylogeographic patterns of Calceolaria (Calceolariaceae). 2009 , 96, 2240-55	52
1921	Pararhabdodon isonensis and Tsintaosaurus spinorhinus: a new clade of lambeosaurine hadrosaurids from Eurasia. 2009 , 30, 1238-1246	40
1920	Molecular cloning and characterization of porcine sirtuin genes. 2009 , 153, 348-58	21
1919	Evolutionary transitions of style polymorphisms in Lithodora (Boraginaceae). 2009 , 11, 111-125	44
1918	Phylogenetic Relationships and Classification of Didelphid Marsupials, an Extant Radiation of New World Metatherian Mammals. 2009 , 322, 1-177	175
1917	Is Morphology Really at Odds with Molecules in Estimating Fern Phylogeny?. 2009 , 34, 455-475	63
1916	Transfer of Villarsia cambodiana to Nymphoides (Menyanthaceae). 2009 , 34, 818-823	10
1915	A new species of Palatobaena (Testudines: Baenidae) and a maximum parsimony and Bayesian phylogenetic analysis of Baenidae. 2009 , 83, 457-470	38
1914	The Utility of Morphological Data in Resolving Phylogenetic Relationships of Darters as Exemplified with Etheostoma (Teleostei: Percidae). 2009 , 50, 327-346	14
1913	Systematics and phylogeny of Eodrepanus, a new Drepanocerine genus, with comments on biogeographical data (Coleoptera: Scarabaeidae: Oniticellini). 2009 , 43, 1835-1878	8
1912	Phylogenetic analysis of non-coding plastid DNA in the presence of short inversions. 2009 , 1, 3	10
1911	A molecular phylogenetic analysis of Diuris (Orchidaceae) based on AFLP and ITS reveals three major clades and a basal species. 2009 , 22, 1	4
1910	Annelid Phylogeny Molecular Analysis with an Emphasis on Model Annelids. 13-30	4
1909	High level of endemism in Haiti's last remaining forests: a revision of Modisimus (Araneae: Pholcidae) on Hispaniola, using morphology and molecules. 2010 , 158, 244-299	19
1908	An exceptionally well-preserved short-snouted bandicoot (Marsupialia; Peramelemorphia) from Riversleigh's Oligo-Miocene deposits, northwestern Queensland, Australia. 2010 , 30, 1528-1546	25
1907	Diversity of Mesozoic semionotiform fishes and the origin of gars (Lepisosteidae). 2010 , 97, 1035-40	50
1906	Species discrimination and phylogenetic inference of 17 Chinese Leishmania isolates based on internal transcribed spacer 1 (ITS1) sequences. 2010 , 107, 1049-65	35

1905	Phylogeny, Life History Evolution and Biogeography of the Rhinanthoid Orobanchaceae. 2010 , 45, 347-367	32
1904	Comparative evolution of the mitochondrial cytochrome b gene and nuclear S7 ribosomal protein gene intron 1 in siniperid fishes and their relatives. 2010 , 649, 139-156	6
1903	Evolution of nectarivory in phyllostomid bats (Phyllostomidae Gray, 1825, Chiroptera: Mammalia). 2010 , 10, 165	97
1902	The mitochondrial phylogeny of an ancient lineage of ray-finned fishes (Polypteridae) with implications for the evolution of body elongation, pelvic fin loss, and craniofacial morphology in Osteichthyes. 2010 , 10, 21	9
1901	Evolutionary history of anglerfishes (Teleostei: Lophiiformes): a mitogenomic perspective. 2010 , 10, 58	66
1900	A phylogenetic estimate for golden moles (Mammalia, Afrotheria, Chrysochloridae). 2010 , 10, 69	26
1899	On wings of lace: phylogeny and Bayesian divergence time estimates of Neuropterida (Insecta) based on morphological and molecular data. 2010 , 35, 349-378	138
1898	Phylogenetic synthesis of morphological and molecular data reveals new insights into the higher-level classification of Tipuloidea (Diptera). 2010 , 35, 526-545	34
1897	Evolution of Delphacidae (Hemiptera: Fulgoroidea): combined-evidence phylogenetics reveals importance of grass host shifts. 2010 , 35, 678-691	29
1896	The bee-killing flies, genus <i>Melaloncha</i> Brues (Diptera: Phoridae): a combined molecular and morphological phylogeny. 2010 , 35, 649-657	9
1895	The effects of fossil placement and calibration on divergence times and rates: an example from the termites (Insecta: Isoptera). 2010 , 39, 204-19	58
1894	Estimating trees from filtered data: identifiability of models for morphological phylogenetics. 2010 , 263, 108-19	12
1893	A three-genome phylogeny of <i>Momordica</i> (Cucurbitaceae) suggests seven returns from dioecy to monoecy and recent long-distance dispersal to Asia. 2010 , 54, 553-60	117
1892	The evolutionary diversification of parrots supports a taxon pulse model with multiple trans-oceanic dispersal events and local radiations. 2010 , 54, 984-94	55
1891	Phylogeny of the paleotropical fern genus <i>Lepisorus</i> (Polypodiaceae, Polypodiopsida) inferred from four chloroplast DNA regions. 2010 , 54, 211-25	50
1890	Evolutionary diversification of the gall midge genus <i>Asteromyia</i> (Cecidomyiidae) in a multitrophic ecological context. 2010 , 54, 194-210	30
1889	<i>Livistona</i> palms in Australia: ancient relics or opportunistic immigrants?. 2010 , 54, 512-23	52
1888	Phylogeny of ladybirds (Coleoptera: Coccinellidae): are the subfamilies monophyletic?. 2010 , 54, 833-48	71

1887	Conservation phylogenetics of helodermatid lizards using multiple molecular markers and a supertree approach. 2010 , 55, 153-167	23
1886	Chromosome number evolution in <i>Hymenophyllum</i> (Hymenophyllaceae), with special reference to the subgenus <i>Hymenophyllum</i> . 2010 , 55, 47-59	29
1885	The evolution of female flightlessness among Ennominae of the Holarctic forest zone (Lepidoptera, Geometridae). 2010 , 55, 929-38	47
1884	Phylogeny of the freshwater copepod <i>Mesocyclops</i> (Crustacea: Cyclopidae) based on combined molecular and morphological data, with notes on biogeography. 2010 , 55, 753-64	41
1883	Including secondary structure, fossils and molecular dating in the centipede tree of life. 2010 , 57, 301-13	81
1882	The evolutionary history and biogeography of Mimosoideae (Leguminosae): an emphasis on African acacias. 2010 , 57, 495-508	92
1881	The evolution of autodigestion in the mushroom family Psathyrellaceae (Agaricales) inferred from Maximum Likelihood and Bayesian methods. 2010 , 57, 1037-48	19
1880	Estimating divergence times of lizardfishes and their allies (Euteleostei: Aulopiformes) and the timing of deep-sea adaptations. 2010 , 57, 1194-208	36
1879	Diversification and persistence at the arid-monsoonal interface: australia-wide biogeography of the Bynoe's gecko (<i>Heteronotia binoei</i> ; Gekkonidae). 2010 , 64, 2293-314	79
1878	Convergent evolution of red carotenoid coloration in widowbirds and bishops (<i>Euplectes</i> spp.). 2010 , 64, 3609-19	26
1877	Biogeography of the Monimiaceae (Laurales): a role for East Gondwana and long-distance dispersal, but not West Gondwana. 2010 , 37, 1227-1238	84
1876	From Haeckel's phylogenetics and Hennig's cladistics to the method of maximum likelihood: Advantages and limitations of modern and traditional approaches to phylogeny reconstruction. 2010 , 90, 299-310	4
1875	Phylogeny, biogeography, and electric signal evolution of Neotropical knifefishes of the genus <i>Gymnotus</i> (Osteichthyes: Gymnotidae). 2010 , 54, 278-90	62
1874	New insights into diversity and evolution of deep-sea Mytilidae (Mollusca: Bivalvia). 2010 , 57, 71-83	65
1873	Discordant mitochondrial and nuclear gene phylogenies in emydid turtles: implications for speciation and conservation. 2010 , 99, 445-461	100
1872	Biogeography of the grasses (Poaceae): a phylogenetic approach to reveal evolutionary history in geographical space and geological time. 2010 , 162, 543-557	158
1871	Tracking the geographical spread of avian influenza (H5N1) with multiple phylogenetic trees. 2010 , 26, 1-13	107
1870	Phylogeny of the millipede order Spirobolida (Arthropoda: Diplopoda: Helminthomorpha). 2010 , 26, 497-525	19

1869	Phylogeny and the evolution of nesting behaviour in the tribe Azeniellini (Insecta: Hymenoptera: Pompilidae). 2010 , 160, 88-117	15
1868	Cranial anatomy and systematics of <i>Hypacrosaurus altispinus</i> , and a comparative analysis of skull growth in lambeosaurine hadrosaurids (Dinosauria: Ornithischia). 2010 , 159, 398-434	74
1867	Global phylogeny of Hadrosauridae (Dinosauria: Ornithopoda) using parsimony and Bayesian methods. 2010 , 159, 435-502	135
1866	A new dimension in combining data? The use of morphology and phylogenomic data in metazoan systematics. 2010 , 91, 11-19	40
1865	Phylogenetic relationships within Nephtyidae (Polychaeta, Annelida). 2010 , 39, 394-405	16
1864	Phylogenetic and biogeographic analysis of the genus <i>Phytoseiulus</i> (Acari: Phytoseiidae). 2010 , 39, 450-461	22
1863	The evolution of South American endemic canids: a history of rapid diversification and morphological parallelism. 2010 , 23, 311-22	65
1862	Probabilistic Phylogenetic Inference in the Fossil Record: Current and Future Applications. 2010 , 16, 189-211	3
1861	Intercontinentally disjunct species are derived rather than relictual in the moss genus <i>Daltonia</i> (Bryophyta). 2010 , 59, 459-465	8
1860	Molecular phylogeny of long-tailed shrews (genus <i>Sorex</i>) from Mexico and Guatemala. 2010 , 2615, 47	20
1859	Insights into the influence of priors in posterior mapping of discrete morphological characters: a case study in Annonaceae. 2010 , 5, e10473	7
1858	The enigmatic monotypic crab plover <i>Dromas ardeola</i> is closely related to pratincoles and coursers (Aves, Charadriiformes, Glareolidae). 2010 , 33, 583-6	5
1857	Taxonomy and phylogeny of New World <i>Polyplectropus</i> Ulmer, 1905 (Trichoptera: Psychomyioidea: Polycentropodidae) with the description of 39 new species. 2010 , 2582, 1	21
1856	Evolution and taxonomy of aquatic species in the genus <i>Rhynchostegium</i> (Brachytheciaceae, Bryophyta). 2010 , 59, 791-808	33
1855	Cladistic analysis of morphological characters in <i>Hypericum</i> (Hypericaceae). 2010 , 59, 1495-1507	23
1854	New tribal delimitations for the early diverging lineages of Apiaceae subfamily Apioideae. 2010 , 59, 567-580	33
1853	Character evolution in Hydrozoa (phylum Cnidaria). 2010 , 50, 456-72	67
1852	Anatomy of the Late Devonian <i>Denglongia hubeiensis</i> , with a Discussion of the Phylogeny of the Cladoxylopsida. 2010 , 171, 107-120	18

1851	An extended IUPAC nomenclature code for polymorphic nucleic acids. 2010 , 26, 1386-9	28
1850	Systematics and molecular phylogeny of two African stem borer genera, <i>Sciomesa</i> Tams & Bowden and <i>Carelis</i> Bowden (Lepidoptera: Noctuidae). 2010 , 100, 641-59	15
1849	Identifying cliques of convergent characters: concerted evolution in the cormorants and shags. <i>Systematic Biology</i> , 2010 , 59, 433-45	8.4 63
1848	Systematic Review of Endemic Sulawesi Squirrels (Rodentia, Sciuridae), with Descriptions of New Species of Associated Sucking Lice (Insecta, Anoplura), and Phylogenetic and Zoogeographic Assessments of Sciurid Lice. 2010 , 339, 1-260	19
1847	Phylogeny and classification of the trapdoor spider genus <i>Myrmekiaphila</i> : an integrative approach to evaluating taxonomic hypotheses. 2010 , 5, e12744	12
1846	Systematics of the Aquatic Angiosperm Genus <i>Myriophyllum</i> (Haloragaceae). 2010 , 35, 121-139	29
1845	Phylogeny of Moth Lacewings and Giant Lacewings (Neuroptera: Ithonidae, Polystoechotidae) Using DNA Sequence Data, Morphology, and Fossils. 2010 , 103, 511-522	34
1844	After 7 years and 1000 citations: comparative assessment of the DNA barcoding and the DNA taxonomy proposals for taxonomists and non-taxonomists. 2010 , 21, 206-26	45
1843	Molecular phylogenetics of suborder Cactineae (Caryophyllales), including insights into photosynthetic diversification and historical biogeography. 2010 , 97, 1827-47	49
1842	The evolutionary origins of ritualized acoustic signals in caterpillars. 2010 , 1, 4	43
1841	Rethinking the phylogeny of scleractinian corals: a review of morphological and molecular data. 2010 , 50, 411-27	88
1840	Niche conservatism drives elevational diversity patterns in Appalachian salamanders. 2010 , 176, 40-54	221
1839	Flower heating following anthesis and the evolution of gall midge pollination in Schisandraceae. 2010 , 97, 1220-8	18
1838	A complete generic phylogeny of Malpighiaceae inferred from nucleotide sequence data and morphology. 2010 , 97, 2031-48	111
1837	Quaternary Murid Rodents of Timor Part I: New Material of <i>Coryphomys buehleri</i> Schaub, 1937, and Description of a Second Species of the Genus. 2010 , 341, 1-80	40
1836	A Gift from the New World? The West African Crop <i>Cucumeropsis mannii</i> and the American <i>Posadaea sphaerocarpa</i> (Cucurbitaceae) are the Same Species. 2010 , 35, 534-540	15
1835	Phylogeny of <i>Utetheisa</i> s. str. (Lepidoptera:Noctuidae:Arctinae) with comments on the evolution of colour, hind wing scales and origin of New World species. 2010 , 24, 113	9
1834	Accuracy of morphology-based phylogenetic fossil placement under Maximum Likelihood. 2010 ,	9

1833	The taxonomic status of the Tasmanian endemic moss, <i>Scleropodium australe</i> (Brachytheciaceae). 2010 , 113, 775-780		5
1832	Kin structure, ecology and the evolution of social organization in shrimp: a comparative analysis. 2010 , 277, 575-84		64
1831	Combining phylogenomics and fossils in higher-level squamate reptile phylogeny: molecular data change the placement of fossil taxa. <i>Systematic Biology</i> , 2010 , 59, 674-88	8.4	173
1830	Realignment of the genera of Cleveaceae (Marchantiopsida, Marchantiidae). 2011 , 114, 116-127		9
1829	Buakea(Lepidoptera: Noctuidae), A New Genus of African Stem Borers: Morphological, Ecological and Molecular Data. 2011 , 19, 23-35		7
1828	Phylogenetic inference of reciprocal effects between geographic range evolution and diversification. <i>Systematic Biology</i> , 2011 , 60, 451-65	8.4	278
1827	Phylogeny and Stratigraphy Comparison. 2011 ,		
1826	Recent trends in molecular phylogenetic analysis: where to next?. 2011 , 102, 130-8		70
1825	Literature Cited. 2011 , 349-389		
1824	Late Cretaceous origin of the rice tribe provides evidence for early diversification in Poaceae. 2011 , 2, 480		147
1823	Phylogenetic Relationships and Morphological Evolution in Nymphoides (Menyanthaceae). 2011 , 36, 1101-1113		25
1822	Phylogeny of Polycentropodidae Ulmer, 1903 (Trichoptera:Annulipalpia:Psychomyioidea) inferred from larval, pupal and adult characters. 2011 , 25, 219		29
1821	Recent and rapid speciation with limited morphological disparity in the genus <i>Rattus</i> . <i>Systematic Biology</i> , 2011 , 60, 188-203	8.4	131
1820	A Survey of Vitrinid Land Snails (Gastropoda: Pulmonata: Limacoidea). 2011 , 53, 279-363		4
1819	Flammable biomes dominated by eucalypts originated at the Cretaceous-Palaeogene boundary. 2011 , 2, 193		165
1818	Systematics and Phylogeny of Neotropical Riverweeds (Podostemaceae: Podostemoideae). 2011 , 36, 105-118		28
1817	Divergence time estimation using fossils as terminal taxa and the origins of Lissamphibia. <i>Systematic Biology</i> , 2011 , 60, 466-81	8.4	264
1816	Phylogeny and divergence times of some racerunner lizards (Lacertidae: Eremias) inferred from mitochondrial 16S rRNA gene segments. 2011 , 61, 400-12		40

1815	Phylogenetic utility and evolution of indels: a study in neognathous birds. 2011 , 61, 760-71	16
1814	Phylogeny, biogeography, and display evolution in the tree and brush lizard genus <i>Urosaurus</i> (Squamata: Phrynosomatidae). 2011 , 61, 714-25	17
1813	Hypothesis testing in biogeography. 2011 , 26, 66-72	232
1812	A revision of the New Zealand <i>Placostylus</i> land snails using mitochondrial DNA and shell morphometric analyses, with implications for conservation. 2011 , 38, 55-81	14
1811	Phylogeny of Devonian Lycopside Inferred from Bayesian Phylogenetic Analyses. 2011 , 85, 569-580	21
1810	Relationships and evolutionary origins of polyploid <i>Dryopteris</i> (Dryopteridaceae) from Europe inferred using nuclear <i>pgiC</i> and plastid <i>trnL-F</i> sequence data. 2011 , 60, 1284-1294	24
1809	A phylogeny and evolutionary natural history of mesoamerican toads (Anura: Bufonidae: <i>Incilius</i>) based on morphology, life history, and molecular data. 2011 , 3138, 1	19
1808	The generic concept of <i>Lotononis</i> (Crotalariaeae, Fabaceae): Reinstatement of the genera <i>Euchlora</i> , <i>Leobordea</i> and <i>Listia</i> and the new genus <i>Ezoloba</i> . 2011 , 60, 161-177	26
1807	Phylogenetic relationships within <i>Silene</i> (Caryophyllaceae) section <i>Physolychnis</i> . 2011 , 60, 953-968	21
1806	<i>Consolida</i> and <i>Aconitella</i> are an annual clade of <i>Delphinium</i> (Ranunculaceae) that diversified in the Mediterranean basin and the Irano-Turanian region. 2011 , 60, 1029-1040	43
1805	Geographic variation, phylogeny and systematic status of <i>Gracilinanus microtarsus</i> (Mammalia: Didelphimorphia: Didelphidae). 2011 , 2761, 1	13
1804	Systematic revision of the genus <i>Cerocoma</i> Geoffroy, 1762 (Coleoptera: Meloidae: Cerocomini). 2011 , 2853, 1	1
1803	Testing for divergent transmission histories among cultural characters: a study using Bayesian phylogenetic methods and Iranian tribal textile data. 2011 , 6, e14810	31
1802	Phylogenetic relationships of the Cretaceous frog <i>Beelzebufo</i> from Madagascar and the placement of fossil constraints based on temporal and phylogenetic evidence. 2011 , 24, 274-85	26
1801	Testing the molecular and evolutionary causes of a 'leapfrog' pattern of geographical variation in coloration. 2011 , 24, 402-14	26
1800	Coming to America: multiple origins of New World geckos. 2011 , 24, 231-44	154
1799	Two reproductively isolated cytotypes and a swarm of highly inbred, disconnected populations: a glimpse into <i>Salicornia</i> 's evolutionary history and challenging taxonomy. 2011 , 24, 630-44	14
1798	Migratory divides and their consequences for dispersal, population size and parasite-host interactions. 2011 , 24, 1744-55	41

1797	Phylogeny of a trans-Wallacean radiation (Squamata, Gekkonidae, Gehyra) supports a single early colonization of Australia. 2011 , 40, 584-602	44
1796	Missing data in a stochastic Dollo model for binary trait data, and its application to the dating of Proto-Indo-European. 2011 , 60, 71-92	10
1795	Out of Africa: north-westwards Pleistocene expansions of the heather <i>Erica arborea</i> . 2011 , 38, 164-176	65
1794	When did plants become important to leaf-nosed bats? Diversification of feeding habits in the family Phyllostomidae. 2011 , 20, 2217-28	75
1793	The evolution and phylogenetic placement of invasive Australian <i>Acacia</i> species. 2011 , 17, 848-860	70
1792	Soft-tissue anatomy of the primates: phylogenetic analyses based on the muscles of the head, neck, pectoral region and upper limb, with notes on the evolution of these muscles. 2011 , 219, 273-359	120
1791	Where do monomorphic sexual systems fit in the evolution of dioecy? Insights from the largest family of angiosperms. 2011 , 190, 234-248	42
1790	Re-evolution of lost mandibular teeth in frogs after more than 200 million years, and re-evaluating Dollo's law. 2011 , 65, 1283-96	99
1789	Evolution of a Neotropical marine fish lineage (Subfamily Chaenopsinae, Suborder Blennioidei) based on phylogenetic analysis of combined molecular and morphological data. 2011 , 60, 236-48	18
1788	Almost but not quite a subspecies: a case of genetic but not morphological diagnosability in <i>Nicrophorus</i> (Coleoptera: Silphidae). 2011 , 102, 311-333	10
1787	Evolution of venom delivery structures in madtom catfishes (Siluriformes: Ictaluridae). 2011 , 102, 115-129	8
1786	Molecular phylogenetics, floral convergence and systematics of <i>Dichromanthus</i> and <i>Stenorrhynchos</i> (Orchidaceae: Spiranthinae). 2011 , 167, 1-18	12
1785	Morphology to the rescue: molecular data and the signal of morphological characters in combined phylogenetic analyses—a case study from mysmenid spiders (Araneae, Mysmenidae), with comments on the evolution of web architecture. 2011 , 27, 278-330	47
1784	Morphological and molecular evidence converge upon a robust phylogeny of the megadiverse Holometabola. 2011 , 27, 341-355	101
1783	Inference of phylogenetic relationships within Fabriciidae (Sabellida, Annelida) using molecular and morphological data. 2011 , 27, 356-379	14
1782	Combined molecular and morphological phylogeny of Eulophidae (Hymenoptera: Chalcidoidea), with focus on the subfamily Entedoninae. 2011 , 27, 581-605	26
1781	Reassessment of the Lower Cretaceous (Barremian) pliosauroid <i>Leptocleidus superstes</i> Andrews, 1922 and other plesiosaur remains from the nonmarine Wealden succession of southern England. 2011 , 161, 663-691	26
1780	An extraordinary new genus of spiders from Western Australia with an expanded hypothesis on the phylogeny of Tetragnathidae (Araneae). 2011 , 161, 735-768	20

1779	Osteology of the South Asian Genus <i>Psilorhynchus</i> McClelland, 1839 (Teleostei: Ostariophysi: Psilorhynchidae), with investigation of its phylogenetic relationships within the order Cypriniformes. 2011 , no-no	11
1778	Morphological convergence of shell shape in distantly related scallop species (Mollusca: Pectinidae). 2011 , 163, 571-584	40
1777	Driving south: a multi-gene phylogeny of the brown algal family Fucaceae reveals relationships and recent drivers of a marine radiation. 2011 , 11, 371	43
1776	Systematics of the mealybug tribe Xenococcini (Hemiptera: Coccoidea: Pseudococcidae), with a discussion of trophobiotic associations with <i>Acropyga</i> Roger ants. 2011 , 36, 57-82	15
1775	Using molecules and morphology to infer the phylogenetic relationships and evolutionary history of the Dirini (Nymphalidae: Satyrinae), a tribe of butterflies endemic to Southern Africa. 2011 , 36, 300-316	14
1774	New insights on systematics and phylogenetics of Mediterranean <i>Blaps</i> species (Coleoptera: Tenebrionidae: Blaptini), assessed through morphology and dense taxon sampling. 2011 , 36, 340-361	20
1773	A new view of insect-crustacean relationships I. Inferences from neural cladistics and comparative neuroanatomy. 2011 , 40, 276-88	76
1772	Molecular Phylogeny, Evolution, and Biogeography of South American Epiphytic Cacti. 2011 , 172, 902-914	19
1771	Insights into the Taxonomy and Systematics of North American Eocene Soft-Shelled Turtles from a Well-Preserved Specimen. 2011 , 52, 189	8
1770	The More the Merrier? A Large Cladistic Analysis of Mysticetes, and Comments on the Transition from Teeth to Baleen. 2011 , 18, 77-100	78
1769	The Divergence of Echolocation Frequency in Horseshoe Bats: Moth Hearing, Body Size or Habitat?. 2011 , 18, 117-129	24
1768	Protungulatum, Confirmed Cretaceous Occurrence of an Otherwise Paleocene Eutherian (Placental?) Mammal. 2011 , 18, 153-161	44
1767	Functional interactions among tortoise beetle larval defenses reveal trait suites and escalation. 2011 , 65, 227-239	14
1766	Phylogeny and biogeography of Sicydiinae (Teleostei: Gobiidae) inferred from mitochondrial and nuclear genes. 2011 , 158, 311-326	46
1765	Life-History Correlates of Placental Structure in Eutherian Evolution. 2011 , 38, 287-305	10
1764	Osteology and relationships of the southern freshwater lower euteleostean fishes. 2011 , 87, 7-185	7
1763	Molecular evolution of Azagny virus, a newfound hantavirus harbored by the West African pygmy shrew (<i>Crociodura obscurior</i>) in CÔte d'Ivoire. 2011 , 8, 373	51
1762	Convergent and parallel evolution in life habit of the scallops (Bivalvia: Pectinidae). 2011 , 11, 164	54

1761	Evolutionary history of Otophysi (Teleostei), a major clade of the modern freshwater fishes: Pangaeen origin and Mesozoic radiation. 2011 , 11, 177	133
1760	Phylogeny and evolution of life-history strategies in the Sycophaginae non-pollinating fig wasps (Hymenoptera, Chalcidoidea). 2011 , 11, 178	43
1759	A dated phylogeny and collection records reveal repeated biome shifts in the African genus <i>Coccinia</i> (Cucurbitaceae). 2011 , 11, 28	48
1758	Evolution of reproductive mode variation and host associations in a sexual-asexual complex of aphid parasitoids. 2011 , 11, 348	38
1757	Evolution of the light organ system in ponyfishes (Teleostei: Leiognathidae). 2011 , 272, 704-21	29
1756	Testing the evolutionary and biogeographical history of Glythelmins (Digenea: Plagiorchiida), a parasite of anurans, through a simultaneous analysis of molecular and morphological data. 2011 , 59, 331-41	20
1755	Phylogenetics, species boundaries and timing of resource tracking in a highly specialized group of seed beetles (Coleoptera: Chrysomelidae: Bruchinae). 2011 , 59, 746-60	24
1754	A non-coding plastid DNA phylogeny of Asian <i>Begonia</i> (Begoniaceae): evidence for morphological homoplasy and sectional polyphyly. 2011 , 60, 428-44	39
1753	Novel protein genes in animal mtDNA: a new sex determination system in freshwater mussels (<i>Bivalvia</i> : Unionoida)?. 2011 , 28, 1645-59	117
1752	Relationships in the <i>Lupinus albifrons</i> Species Complex (Fabaceae) based on Two Highly Variable Chloroplast Regions. 2011 , 36, 362-370	2
1751	Can we avoid "SIN" in the house of "no common mechanism"?. <i>Systematic Biology</i> , 2011 , 60, 96-109	8.4 13
1750	On the origins of sexual dimorphism in butterflies. 2011 , 278, 1981-8	31
1749	Molecular systematics of the parasitic genus <i>Conopholis</i> (Orobanchaceae) inferred from plastid and nuclear sequences. 2011 , 98, 896-908	5
1748	A likelihood method for detecting trait-dependent shifts in the rate of molecular evolution. 2011 , 28, 759-70	28
1747	Multi-Locus Phylogeny of Sponge-Dwelling Snapping Shrimp (Caridea: Alpheidae: Synalpheus) Supports Morphology-Based Species Concepts. 2011 , 31, 352-360	26
1746	Dispersal between shallow and abyssal seas and evolutionary loss and regain of compound eyes in cylindroleberidid ostracods: conflicting conclusions from different comparative methods. <i>Systematic Biology</i> , 2012 , 61, 314-36	8.4 30
1745	Disentangling knots of rapid evolution: origin and diversification of the moss order Hypnales. 2012 , 34, 187-211	53
1744	A preliminary phylogeny of the lichen moth tribe Lithosiini (Lepidoptera: Erebidae: Arctiinae) based on morphological characters. 2012 , 43, 321-369	6

1743	Modelling rate distributions using character compatibility: implications for morphological evolution among fossil invertebrates. 2012 , 8, 143-6		46
1742	Likelihood reinstates Archaeopteryx as a primitive bird. 2012 , 8, 299-303		54
1741	Time-calibrated phylogeny of the woody Australian genus <i>Hakea</i> (Proteaceae) supports multiple origins of insect-pollination among bird-pollinated ancestors. 2012 , 99, 472-87		29
1740	A monograph of <i>Hymenodon</i> (Orthodontiaceae). 2012 , 115, 493		1
1739	A new subfamily and species of Ostracoda (Cylindroleberididae, Myodocopa) from the Chatham Rise (New Zealand). 2012 , 39, 265-290		2
1738	Hornwort pyrenoids, carbon-concentrating structures, evolved and were lost at least five times during the last 100 million years. 2012 , 109, 18873-8		80
1737	Multiple continental radiations and correlates of diversification in <i>Lupinus</i> (Leguminosae): testing for key innovation with incomplete taxon sampling. <i>Systematic Biology</i> , 2012 , 61, 443-60	8.4	199
1736	Taxonomy, nomenclature and phylogeny of the tribes Hoplopisthiini Senna & Calabresi, 1919 and Microtrachelizini Zimmerman, 1994 (Coleoptera, Brentidae). 2012 , 34, 561-633		5
1735	Basic vocabulary and Bayesian phylolinguistics. 2012 , 29, 523-537		31
1734	Floral diversity and community structure in <i>Pedicularis</i> (Orobanchaceae). 2012 , 93, S182-S194		80
1733	Locating evolutionary precursors on a phylogenetic tree. 2012 , 66, 3918-30		56
1732	Tempo and mode in plant breeding system evolution. 2012 , 66, 3701-9		145
1731	Phylogeny of scale-worms (Aphroditiformia, Annelida), assessed from 18SrRNA, 28SrRNA, 16SrRNA, mitochondrial cytochrome c oxidase subunit I (COI), and morphology. 2012 , 65, 490-500		56
1730	Tangled in a sparse spider web: single origin of orb weavers and their spinning work unravelled by denser taxonomic sampling. 2012 , 279, 1341-50		90
1729	Phylogenetic placement of pelican spiders (Archaeidae, Araneae), with insight into evolution of the "neck" and predatory behaviours of the superfamily Palpimanoidea. 2012 , 28, 598-626		40
1728	Diversification of <i>Morpho</i> butterflies (Lepidoptera, Nymphalidae): a re-evaluation of morphological characters and new insight from DNA sequence data. 2012 , 37, 670-685		20
1727	Understanding phylogenetic incongruence: lessons from phyllostomid bats. 2012 , 87, 991-1024		62
1726	Disentangling dispersal, vicariance and adaptive radiation patterns: a case study using armyworms in the pest genus <i>Spodoptera</i> (Lepidoptera: Noctuidae). 2012 , 65, 855-70		62

1725	Sponge systematics facing new challenges. 2012 , 61, 79-209	91
1724	A comparative method for both discrete and continuous characters using the threshold model. 2012 , 179, 145-56	135
1723	Zackfalinus, A New Genus of Xanthopygina (Coleoptera: Staphylinidae: Staphylinini) with Description of 20 New Species. 2012 , 80, 261-308	12
1722	Tests of the Link between Functional Innovation and Positive Selection at Phytochrome A: The Phylogenetic Distribution of Far-Red High-Irradiance Responses in Seedling Development. 2012 , 173, 662-672	7
1721	Phylogeny and colonization history of <i>Pringlea antiscorbutica</i> (Brassicaceae), an emblematic endemic from the South Indian Ocean Province. 2012 , 65, 748-56	15
1720	Taxonomy of <i>Astragalus robbinsii</i> var. <i>fernaldii</i> (Fabaceae): molecular and morphological analyses support transfer to <i>Astragalus eucosmus</i> . 2012 , 90, 11-26	4
1719	A total-evidence approach to dating with fossils, applied to the early radiation of the hymenoptera. <i>Systematic Biology</i> , 2012 , 61, 973-99	8.4 547
1718	Delving into the loss of heterostyly in Rubiaceae: Is there a similar trend in tropical and non-tropical climate zones?. 2012 , 14, 161-167	10
1717	Reconciling molecules and morphology: molecular systematics and biogeography of Neotropical blennies (<i>Acanthemblemaria</i>). 2012 , 62, 159-73	12
1716	Phylogeny of <i>Cercis</i> based on DNA sequences of nuclear ITS and four plastid regions: implications for transatlantic historical biogeography. 2012 , 62, 816-25	22
1715	A phylogeny of Delphinieae (Ranunculaceae) shows that <i>Aconitum</i> is nested within <i>Delphinium</i> and that Late Miocene transitions to long life cycles in the Himalayas and Southwest China coincide with bursts in diversification. 2012 , 62, 928-42	73
1714	Phylogenetics and the evolution of major structural characters in the giant genus <i>Euphorbia</i> L. (Euphorbiaceae). 2012 , 63, 305-26	112
1713	Species delimitation and cryptic diversity in the moss genus <i>Scleropodium</i> (Brachytheciaceae). 2012 , 63, 891-903	30
1712	Sorting through the chaff, nDNA gene trees for phylogenetic inference and hybrid identification of annual sunflowers (<i>Helianthus</i> sect. <i>Helianthus</i>). 2012 , 64, 145-55	27
1711	Molecular phylogenetics of the Brazilian giant bromeliads (<i>Alcantarea</i> , Bromeliaceae): implications for morphological evolution and biogeography. 2012 , 64, 177-89	53
1710	Anatomy of <i>Emeroleter levis</i> and the phylogeny of the nycteroleter parareptiles. 2012 , 32, 45-67	29
1709	Molecular Evidence for a Deep Clade of Dunnarts (Marsupialia: Dasyuridae: Sminthopsis). 2012 , 19, 265-276	10
1708	An 'ameridelphian' marsupial from the early Eocene of Australia supports a complex model of Southern Hemisphere marsupial biogeography. 2012 , 99, 715-29	35

1707	Escaping the lianoid habit: evolution of shrub-like growth forms in <i>Aristolochia</i> subgenus <i>Isotrema</i> (Aristolochiaceae). 2012 , 99, 1609-29	33
1706	Out of the Qinghai-Tibet Plateau: evidence for the origin and dispersal of Eurasian temperate plants from a phylogeographic study of <i>Hippophaë rhamnoides</i> (Elaeagnaceae). 2012 , 194, 1123-1133	109
1705	Evolutionary Inferences from Phylogenies: A Review of Methods. 2012 , 43, 267-285	152
1704	Earliest known coelacanth skull extends the range of anatomically modern coelacanths to the Early Devonian. 2012 , 3, 772	42
1703	Molecular phylogenetics of Hydatellaceae (Nymphaeales): sexual-system homoplasy and a new sectional classification. 2012 , 99, 663-76	21
1702	Widespread and persistent invasions of terrestrial habitats coincident with larval feeding behavior transitions during snail-killing fly evolution (Diptera: Sciomyzidae). 2012 , 12, 175	9
1701	Evolutionary history of the recruitment of conserved developmental genes in association to the formation and diversification of a novel trait. 2012 , 12, 21	45
1700	Systematics, biogeography, and character evolution of the legume tribe Fabeeae with special focus on the middle-Atlantic island lineages. 2012 , 12, 250	121
1699	Diversitree: comparative phylogenetic analyses of diversification in R. 2012 , 3, 1084-1092	568
1698	Phylogenetic analyses: comparing species to infer adaptations and physiological mechanisms. 2012 , 2, 639-74	81
1697	Colony size evolution and the origin of eusociality in corbiculate bees (Hymenoptera: Apinae). 2012 , 7, e40838	6
1696	Cultural phylogenetics of the Tupi language family in lowland South America. 2012 , 7, e35025	49
1695	An estimation of Erinaceidae phylogeny: a combined analysis approach. 2012 , 7, e39304	29
1694	Repeated origin and loss of adhesive toepads in geckos. 2012 , 7, e39429	165
1693	Phylogeography of bivalve <i>Cyclina sinensis</i> : testing the historical glaciations and Changjiang River outflow hypotheses in northwestern Pacific. 2012 , 7, e49487	49
1692	Phylogeny of <i>Lundia</i> (Bignoniaceae) based on <i>ndhF</i> and <i>PepC</i> sequences. 2012 , 61, 368-380	6
1691	A plastid DNA phylogeny of <i>Dasymaschalon</i> (Annonaceae) and allied genera: Evidence for generic non-monophyly and the parallel evolutionary loss of inner petals. 2012 , 61, 545-558	11
1690	Revision of <i>Asytesta</i> Pascoe, 1865, with comments on the phylogeny of the Indo-Australian crowned weevils (Coleoptera: Curculionidae: Cryptorhynchinae). 2012 , 3462, 1	6

1689	Genetic and morphological data support placement of <i>Myrmotherula gularis</i> (Spix) in the monotypic genus <i>Rhopias</i> Cabanis and Heine (Aves: Passeriformes: Thamnophilidae). 2012 , 3451, 1	10
1688	Phylogeny of <i>Opuntia</i> s.s. (Cactaceae): clade delineation, geographic origins, and reticulate evolution. 2012 , 99, 847-64	99
1687	The recognition signal hypothesis for the adaptive evolution of religion : a phylogenetic test with Christian denominations. 2012 , 23, 218-49	35
1686	Phylogenetic implications of the morphology of the braincase of caecilian amphibians (<i>Gymnophiona</i>). 2012 , no-no	2
1685	A maximum likelihood approach to generate hypotheses on the evolution and historical biogeography in the Lower Volga Valley regions (southwest Russia). 2012 , 2, 1765-79	3
1684	Parallel Evolution of Endospory within Hornworts: <i>Nothoceros renzagliensis</i> (Dendrocerotaceae), sp. nov.. 2012 , 37, 31-37	15
1683	Variation in Rates of Molecular Evolution in Plants and Implications for Estimating Divergence Times. 2012 , 103-111	1
1682	Support and surprises: molecular phylogeny of the land snail superfamily Orthalicoidea using a three-locus gene analysis with a divergence time analysis and ancestral area reconstruction (<i>Gastropoda</i> : Stylommatophora). 2012 , 141, 1-20	27
1681	Revival of Palaeoptera-head characters support a monophyletic origin of Odonata and Ephemeroptera (<i>Insecta</i>). 2012 , 28, 560-581	63
1680	Cretaceous origin and repeated tertiary diversification of the redefined butterflies. 2012 , 279, 1093-9	149
1679	A newly recognized clade of trans-Andean <i>Oryzomyini</i> (<i>Rodentia</i> : Cricetidae), with description of a new genus. 2012 , 93, 851-870	21
1678	Marine dispersal as a pre-requisite for Gondwanan vicariance among elements of the galaxiid fish fauna. 2012 , 39, 306-321	59
1677	The systematics of right whales (<i>Mysticeti</i> : Balaenidae). 2012 , 28, 497-521	24
1676	Radiation following long-distance dispersal: the contributions of time, opportunity and diaspore morphology in <i>Sicyos</i> (<i>Cucurbitaceae</i>). 2012 , 39, 1427-1438	16
1675	Dynamic colonization exchanges between continents and islands drive diversification in paradise-flycatchers (<i>Terpsiphone</i> , <i>Monarchidae</i>). 2012 , 39, 1900-1918	21
1674	Reconstructing the origins of high-alpine niches and cushion life form in the genus <i>Androsace</i> S.L. (<i>Primulaceae</i>). 2012 , 66, 1255-68	53
1673	Evolution of life cycle, colony morphology, and host specificity in the family <i>Hydractiniidae</i> (<i>Hydrozoa</i> , <i>Cnidaria</i>). 2012 , 66, 3876-901	26
1672	Combined phylogenetic analyses reveal interfamilial relationships and patterns of floral evolution in the eudicot order <i>Fabales</i> . 2012 , 28, 393-421	30

1671	Phylogenetic analysis of Micrathena and Chaetacis spiders (Araneae: Araneidae) reveals multiple origins of extreme sexual size dimorphism and long abdominal spines. 2012 , no-no	9
1670	Divergence estimates and early evolutionary history of Figitidae (Hymenoptera: Cynipoidea). 2012 , 37, 287-304	28
1669	Marine-freshwater transitions are associated with the evolution of dietary diversification in terapontid grunters (Teleostei: Terapontidae). 2012 , 25, 1163-79	43
1668	A new African fossil caprin and a combined molecular and morphological Bayesian phylogenetic analysis of caprini (Mammalia: Bovidae). 2012 , 25, 1843-54	19
1667	Phylogeny and biogeography of the parrot genus Prioniturus (Aves: Psittaciformes). 2012 , 50, 145-156	10
1666	Cenozoic evolution of Muricidae (Mollusca, Neogastropoda) in the Southern Ocean, with the description of a new subfamily. 2012 , 41, 596-616	18
1665	Updating the evolutionary history of Carnivora (Mammalia): a new species-level supertree complete with divergence time estimates. 2012 , 10, 12	276
1664	Food load manipulation ability shapes flight morphology in females of central-place foraging Hymenoptera. 2013 , 10, 36	9
1663	A new phylogeny for the genus Picea from plastid, mitochondrial, and nuclear sequences. 2013 , 69, 717-27	82
1662	Modelling distributions of fossil sampling rates over time, space and taxa: assessment and implications for macroevolutionary studies. 2013 , 4, 703-713	40
1661	A comprehensive and integrative reconstruction of evolutionary history for Anomura (Crustacea: Decapoda). 2013 , 13, 128	80
1660	Ontogenetic development of intestinal length and relationships to diet in an Australasian fish family (Terapontidae). 2013 , 13, 53	26
1659	Comprehensive phylogenetic analysis of all species of swordtails and platies (Pisces: Genus Xiphophorus) uncovers a hybrid origin of a swordtail fish, Xiphophorus monticolus, and demonstrates that the sexually selected sword originated in the ancestral lineage of the genus, but was lost again secondarily. 2013 , 13, 25	50
1658	Molecular phylogeny of the burying beetles (Coleoptera: Silphidae: Nicrophorinae). 2013 , 69, 552-65	46
1657	Utility of COI, CAD and morphological data for resolving relationships within the genus Sarcophaga (sensu lato) (Diptera: Sarcophagidae): a preliminary study. 2013 , 69, 133-41	24
1656	Morphological analysis of phylogenetic relationships among extant rhynchonellide brachiopods. 2013 , 87, 550-569	15
1655	The phylogeny of the superfamily Coccoidea (Hemiptera: Sternorrhyncha) based on the morphology of extant and extinct macropterous males. 2013 , 38, 794-804	24
1654	Genome duplication and multiple evolutionary origins of complex migratory behavior in Salmonidae. 2013 , 69, 514-23	66

1653	Evolution of life history and behavior in Hominidae: towards phylogenetic reconstruction of the chimpanzee-human last common ancestor. 2013 , 65, 424-46	44
1652	Phylogenetic signal variation in the genomes of <i>Medicago</i> (Fabaceae). <i>Systematic Biology</i> , 2013 , 62, 424-88	43
1651	Distribution and evolution of the mobile vma-1b intein. 2013 , 30, 2676-87	11
1650	Turtle origins: insights from phylogenetic retrofitting and molecular scaffolds. 2013 , 26, 2729-38	33
1649	Pattern of chromosomal changes in <i>Basiliscus</i> (Norops group) (Squamata: Polychrotidae) depicted by an ancestral state analysis. 2013 , 52,	7
1648	Autecological traits determined two evolutionary strategies in Mediterranean plants during the Quaternary: low differentiation and range expansion versus geographical speciation in <i>Linaria</i> . 2013 , 22, 5651-68	17
1647	Combining fossil and molecular data to date the diversification of New World Primates. 2013 , 26, 2438-46	33
1646	High level of phenotypic homoplasy amongst eutardigrades (Tardigrada) based on morphological and total evidence phylogenetic analyses. 2013 , 169, 1-26	17
1645	A practical guide to molecular dating. 2013 , 12, 355-367	55
1644	Is self-fertilization an evolutionary dead end?. 2013 , 198, 386-397	142
1643	Zero-Shot Learning and Detection of Teeth in Images of Bat Skulls. 2013 ,	
1642	Hybridization and systematics of dioecious North American Nymphoides (<i>N. aquatica</i> and <i>N. cordata</i> ; Menyanthaceae). 2013 , 104, 127-137	3
1641	Phylogenetic position and delimitation of the moss family Plagiotheciaceae in the order Hypnales. 2013 , 171, 330-353	22
1640	Phylogenetic reconstruction of key traits in the evolution of ivies (<i>Hedera</i> L.). 2013 , 299, 447-458	6
1639	Fixed, free, and fixed: the fickle phylogeny of extant Crinoidea (Echinodermata) and their Permian-Triassic origin. 2013 , 66, 161-81	75
1638	A phylogenetic analysis of the megadiverse Chalcidoidea (Hymenoptera). 2013 , 29, 466-542	135
1637	The phylogenetic relationships among infraorders and superfamilies of Diptera based on morphological evidence. 2013 , 38, 164-179	69
1636	Treating fossils as terminal taxa in divergence time estimation reveals ancient vicariance patterns in the palpimanoid spiders. <i>Systematic Biology</i> , 2013 , 62, 264-84	8.4 144

1635	The placental mammal ancestor and the post-K-Pg radiation of placentals. 2013 , 339, 662-7	806
1634	Phylogeny of the Dactyloa Clade of Anolis Lizards: New Insights from Combining Morphological and Molecular Data. 2013 , 160, 345-398	19
1633	Molecular phylogeny and host use evolution of the genus <i>Exorista</i> Meigen (Diptera: Tachinidae). 2013 , 66, 401-11	6
1632	Efficacy or convenience? Model-based approaches to phylogeny estimation using morphological data. 2013 , 29, 663-671	22
1631	Phylogeny, Classification, and Evolution of Salinity Tolerance of the North American Topminnows and Killifishes, Family Fundulidae (Teleostei: Cyprinodontiformes). 2013 , 7, 1-65	21
1630	Molecules, morphology and minute hooded beetles: a phylogenetic study with implications for the evolution and classification of Corylophidae (Coleoptera: Cucujoidea). 2013 , 38, 209-232	17
1629	Are diminutive turtles miniaturized? The ontogeny of plastron shape in emydine turtles. 2013 , 108, 727-755	15
1628	Evolution of diadromy in fish: insights from a tropical genus (<i>Kuhlia</i> species). 2013 , 181, 52-63	20
1627	A Combined Evidence Phylogenetic Re-circumscription and a Taxonomic Revision of <i>Lophiarella</i> (Orchidaceae: Oncidiinae). 2013 , 38, 46-63	10
1626	Bayesian inference of phylogeny, morphology and range evolution reveals a complex evolutionary history in <i>St. John's wort</i> (<i>Hypericum</i>). 2013 , 67, 379-403	54
1625	What can multiple phylogenies say about the latitudinal diversity gradient? A new look at the tropical conservatism, out of the tropics, and diversification rate hypotheses. 2013 , 67, 1741-55	89
1624	Studying the evolution of transcription factor binding events using multi-species ChIP-Seq data. 2013 , 12, 1-15	3
1623	Paleo-drainage basin connectivity predicts evolutionary relationships across three Southeast Asian biodiversity hotspots. <i>Systematic Biology</i> , 2013 , 62, 398-410	8.4 53
1622	Systematic revision reveals underestimated diversity of the South African endemic fishfly genus <i>Taeniochauliodes</i> Esben-Petersen (Megaloptera: Corydalidae). 2013 , 38, 543-560	8
1621	Phylogeny of Tetillidae (Porifera, Demospongiae, Spirophorida) based on three molecular markers. 2013 , 67, 509-19	24
1620	Major lineages of Nolidae (Lepidoptera, Noctuoidea) elucidated by molecular phylogenetics. 2013 , 29, 337-359	18
1619	Peaches and almonds: phylogeny of <i>Prunus</i> subg. <i>Amygdalus</i> (Rosaceae) based on DNA sequences and morphology. 2013 , 299, 1403-1418	23
1618	Taxonomic validity of species groups in the genus <i>Akodon</i> (Rodentia, Cricetidae). 2013 , 42, 335-350	14

1617	Diversification patterns and processes of wingless endemic insects in the Mediterranean Basin: historical biogeography of the genus <i>Blaps</i> (Coleoptera: Tenebrionidae). 2013 , 40, 1899-1913	18
1616	An integrative view of phylogenetic comparative methods: connections to population genetics, community ecology, and paleobiology. 2013 , 1289, 90-105	154
1615	Combined Morphological and Molecular Phylogeny of the Clusioid Clade (Malpighiales) and the Placement of the Ancient Rosid Macrofossil <i>Paleoclusia</i> . 2013 , 174, 910-936	29
1614	Parsimony and model-based analyses of indels in avian nuclear genes reveal congruent and incongruent phylogenetic signals. 2013 , 2, 419-44	76
1613	Phylogenetic relationships of Microdontinae (Diptera: Syrphidae) based on molecular and morphological characters. 2013 , 38, 661-688	25
1612	Revised status of <i>Chloridea</i> Duncan and (Westwood), 1841, for the <i>Heliothis virescens</i> species group (Lepidoptera: Noctuidae: Heliothinae) based on morphology and three genes. 2013 , 38, 523-542	23
1611	Phylogenetic relationships of <i>Hamadryas</i> (Nymphalidae: Biblidinae) based on the combined analysis of morphological and molecular data. 2013 , 29, 629-642	5
1610	A phylogenetic analysis of <i>Sciomyzidae</i> (Diptera) and some related genera. 2013 , 29, 404-415	5
1609	Molecular phylogeny of <i>Koenigia</i> L. (Polygonaceae: Persicarieae): implications for classification, character evolution and biogeography. 2013 , 69, 1093-100	16
1608	Inferring the biogeographic origins of inter-continental disjunct endemics using a Bayes-DIVA approach. 2013 , 51, 117-133	45
1607	Extinct and extant rove beetles meet in the matrix: Early Cretaceous fossils shed light on the evolution of a hyperdiverse insect lineage (Coleoptera: Staphylinidae: Staphylininae). 2013 , 29, 360-403	44
1606	<i>Spoochelys ormondea</i> gen. et sp. nov., an Archaic Meiolaniid-Like Turtle from the Early Cretaceous of Lightning Ridge, Australia. 2013 , 121-146	11
1605	Phylogenetics of scolopendromorph centipedes: can denser taxon sampling improve an artificial classification?. 2013 , 27, 578	32
1604	Towards a phylogenetic classification of the climbing fern genus <i>Arthropteris</i> . 2013 , 62, 688-700	26
1603	Toward a new circumscription of the twinorus-fern genus <i>Diplazium</i> (Athuriaceae): A molecular phylogeny with morphological implications and infrageneric taxonomy. 2013 , 62, 441-457	28
1602	A new species, genus and tribe of Sapotaceae, endemic to Madagascar. 2013 , 62, 972-983	12
1601	Extensive intra-kingdom horizontal gene transfer converging on a fungal fructose transporter gene. 2013 , 9, e1003587	37
1600	Anatomy, cranial ontogeny and phylogenetic relationships of the pareiasaur <i>Deltavjatia rossicus</i> from the Late Permian of central Russia. 2013 , 104, 81-122	22

1599	Molecular phylogeny of the leafy liverwort <i>Lejeunea</i> (Porellales): evidence for a neotropical origin, uneven distribution of sexual systems and insufficient taxonomy. 2013 , 8, e82547	38
1598	Biogeography and historical demography of the Juan Fernandez Rock Lobster, <i>Jasus frontalis</i> (Milne Edwards, 1837). 2013 , 104, 223-33	15
1597	Evolutionary Modeling of Genotype-Phenotype Associations, and Application to Primate Coding and Non-coding mtDNA Rate Variation. 2013 , 9, 301-16	6
1596	Phylogenetic revision of the Late Ordovician orthid brachiopod genera <i>Plaesiomys</i> and <i>Hebertella</i> from Laurentia. 2013 , 87, 1107-1128	12
1595	A Chloroplast Phylogeny of Agavaceae subfamily Chlorogaloideae: Implications for the Tempo of Evolution on Serpentine Soils. 2013 , 38, 996-1011	11
1594	Phylogenetic analyses of <i>Tolpis</i> Adans. (Asteraceae) reveal patterns of adaptive radiation, multiple colonization and interspecific hybridization. 2013 , 29, 416-434	18
1593	Evidence for repeated loss of selective constraint in rhodopsin of amblyopsid cavefishes (Teleostei: Amblyopsidae). 2013 , 67, 732-48	65
1592	An early fossil remora (Echeneoidea) reveals the evolutionary assembly of the adhesion disc. 2013 , 280, 20131200	19
1591	Evolution of limited seed dispersal ability on gypsum islands. 2013 , 100, 1811-22	18
1590	Lake Malawi cichlid evolution along a benthic/limnetic axis. 2013 , 3, 2262-72	48
1589	<i>Opuntia lilae</i> , Another <i>Tacinga</i> Hidden in <i>Opuntia</i> s.l. (Cactaceae). 2013 , 38, 444-450	2
1588	Using ancestral information to detect and localize quantitative trait loci in genome-wide association studies. 2013 , 14, 200	15
1587	Shedding more light on language classification using basic vocabularies and phylogenetic methods. 2013 , 30, 323-352	8
1586	Table of Contents. 2013 , 62, iii-iv	
1585	Phylogeny of the Archiborborinae (Diptera: Sphaeroceridae) based on combined morphological and molecular analysis. 2013 , 8, e51190	5
1584	Revision and phylogeny of the caddisfly subfamily Protoptilinae (Trichoptera: Glossosomatidae) inferred from adult morphology and mitochondrial DNA. 2013 , 3723, 1-99	7
1583	Bayesian analysis using a simple likelihood model outperforms parsimony for estimation of phylogeny from discrete morphological data. 2014 , 9, e109210	163
1582	Adaptation and convergent evolution within the <i>Jamesonia-Eriosorus</i> complex in high-elevation biodiverse Andean hotspots. 2014 , 9, e110618	18

1581	Independent Transitions between Monsoonal and Arid Biomes Revealed by Systematic Revision of a Complex of Australian Geckos (<i>Diplodactylus</i> ; <i>Diplodactylidae</i>). 2014 , 9, e111895	17
1580	A new species of the basal "kangaroo" <i>Balbaroo</i> and a re-evaluation of stem macropodiform interrelationships. 2014 , 9, e112705	11
1579	Evolution of thorax architecture in ant castes highlights trade-off between flight and ground behaviors. 2014 , 3, e01539	38
1578	Fine-mapping and selective sweep analysis of QTL for cold tolerance in <i>Drosophila melanogaster</i> . 2014 , 4, 1635-45	7
1577	Investigating the Bivalve Tree of Life: An exemplar-based approach combining molecular and novel morphological characters. 2014 , 28, 32	163
1576	Models of nucleotide substitution. 2014 , 1-34	1
1575	Systematics of the genus <i>Geastrum</i> (Fungi: Basidiomycota) revisited. 2014 , 63, 477-497	21
1574	Evolutionary bursts in <i>Euphorbia</i> (<i>Euphorbiaceae</i>) are linked with photosynthetic pathway. 2014 , 68, 3485-504	84
1573	A revised dated phylogeny of the arachnid order Opiliones. 2014 , 5, 255	50
1572	Bayesian inference of sampled ancestor trees for epidemiology and fossil calibration. 2014 , 10, e1003919	179
1571	Fungal host utilization helps circumscribe leafless Coralroot orchid species: An integrative analysis of <i>Corallorhiza odontorhiza</i> and <i>C. wisteriana</i> . 2014 , 63, 759-772	5
1570	Mesozoic lacewings from China provide phylogenetic insight into evolution of the <i>Kalligrammatidae</i> (<i>Neuroptera</i>). 2014 , 14, 126	36
1569	Phylogeny of the restiid clade (<i>Poales</i>) and implications for the classification of <i>Anarthriaceae</i> , <i>Centrolepidaceae</i> and <i>Australian Restionaceae</i> . 2014 , 63, 24-46	20
1568	Explosive adaptive radiation and extreme phenotypic diversity within ant-nest beetles. 2014 , 24, 2435-9	35
1567	Convergent and correlated evolution of major life-history traits in the angiosperm genus <i>Leucadendron</i> (<i>Proteaceae</i>). 2014 , 68, 2775-92	21
1566	Phylogenetics and taxonomy of the New World leafy spurge, <i>Euphorbia section Tithymalus</i> (<i>Euphorbiaceae</i>). 2014 , 175, 191-228	8
1565	The evolution of social behaviour in <i>Blaberid</i> cockroaches with diverse habitats and social systems: phylogenetic analysis of behavioural sequences. 2014 , 111, 58-77	12
1564	Several origins of floral oil in the <i>Angeloniaeae</i> , a southern hemisphere disjunct clade of <i>Plantaginaceae</i> . 2014 , 101, 2113-20	11

- 1563 A Phylogenetic Analysis of Molecular and Morphological Data Reveals a Paraphyletic Poecilanthe (Leguminosae, Papilionoideae). **2014**, 39, 1142-1149 6
- 1562 Gynoecial Structure of Vitales and Implications for the Evolution of Placentation in the Rosids. **2014**, 175, 998-1032 16
- 1561 Phylogeny, Divergence Time Estimates, and Phylogeography of the Diploid Species of the *Polypodium vulgare* Complex (Polypodiaceae). **2014**, 39, 1042-1055 23
- 1560 Neotropical diversification seen through glassfrogs. **2014**, 41, 66-80 62
- 1559 Phylogeny, classification, and fruit evolution of the species-rich Neotropical bellflowers (Campanulaceae: Lobelioideae). **2014**, 101, 2097-112 23
- 1558 Direct long-distance dispersal shapes a New World amphitropical disjunction in the dispersal-limited dung moss *Tetraplodon* (Bryopsida: Splachnaceae). **2014**, 41, 2385-2395 59
- 1557 Cretaceous environmental changes led to high extinction rates in a hyperdiverse beetle family. **2014**, 14, 220 39
- 1556 Fossil *Kajanthus lusitanicus* gen. et sp. nov. from Portugal: floral evidence for Early Cretaceous Lardizabalaceae (Ranunculales, basal eudicot). **2014**, 53, 283-301 21
- 1555 Evidence for reciprocal origins in *Polypodium hesperium* (Polypodiaceae): a fern model system for investigating how multiple origins shape allopolyploid genomes. **2014**, 101, 1476-85 26
- 1554 Automated reconstruction of whole-genome phylogenies from short-sequence reads. **2014**, 31, 1077-88 245
- 1553 DiscML: an R package for estimating evolutionary rates of discrete characters using maximum likelihood. **2014**, 15, 320 9
- 1552 Multiple waves of colonization by monarch flycatchers (*Myiagra*, Monarchidae) across the Indo-Pacific and their implications for coexistence and speciation. **2014**, 41, 274-286 12
- 1551 Reconciling taxonomy and phylogeny in the bristleworm family Eunicidae (polychaete, Annelida). **2014**, 43, 79-100 21
- 1550 Young clades in an old family: major evolutionary transitions and diversification of the eucalypt-feeding pergid sawflies in Australia (Insecta, Hymenoptera, Pergidae). **2014**, 74, 111-21 18
- 1549 Gain of palps within a lineage of ancestrally burrowing annelids (Scalibregmatidae). **2014**, 95, 421-429 12
- 1548 Lights out: the evolution of bacterial bioluminescence in Loliginidae. **2014**, 725, 189-203 11
- 1547 Phylogeny and biogeography of the fruit doves (Aves: Columbidae). **2014**, 70, 442-53 27
- 1546 Phylogenetic trees do not reliably predict feature diversity. **2014**, 20, 600-612 66

1545	Allopatric diversification, multiple habitat shifts, and hybridization in the evolution of <i>Pericallis</i> (Asteraceae), a Macaronesian endemic genus. 2014 , 101, 637-51		32
1544	Functional morphology of the visual system and mating strategies in bumblebees (Hymenoptera, Apidae, <i>Bombus</i>). 2014 , 170, 735-747		17
1543	Renewed diversification is associated with new ecological opportunity in the Neotropical turtle ants. 2014 , 27, 242-58		43
1542	Microevolution of <i>Renibacterium salmoninarum</i> : evidence for intercontinental dissemination associated with fish movements. 2014 , 8, 746-56		26
1541	Integrating incomplete fossils by isolating conflicting signal in saturated and non-independent morphological characters. <i>Systematic Biology</i> , 2014 , 63, 582-600	8.4	58
1540	Primary Hemiepiphytism in <i>Colysis ampla</i> (Polypodiaceae) Provides New Insight into the Evolution of Growth Habit in Ferns. 2014 , 175, 526-536		26
1539	Ancient DNA reveals elephant birds and kiwi are sister taxa and clarifies ratite bird evolution. 2014 , 344, 898-900		189
1538	Taxonomic classification of the reef coral families Merulinidae, Montastraeidae, and Diploastraeidae (Cnidaria: Anthozoa: Scleractinia). 2014 , 171, 277-355		108
1537	Morphology reinforces proposed molecular phylogenetic affinities: a revised classification for Gelechioidea (Lepidoptera). 2014 , 30, 563-589		51
1536	RAxML version 8: a tool for phylogenetic analysis and post-analysis of large phylogenies. 2014 , 30, 1312-3		17427
1535	Floral Evolution in the Detarieae (Leguminosae): Phylogenetic Evidence for Labile Floral Development in an Early-Diverging Legume Lineage. 2014 , 175, 392-417		20
1534	A Paleozoic stem group to mite harvestmen revealed through integration of phylogenetics and development. 2014 , 24, 1017-23		58
1533	Ancestral character estimation under the threshold model from quantitative genetics. 2014 , 68, 743-59		77
1532	Accelerated rate of molecular evolution for vittarioid ferns is strong and not driven by selection. <i>Systematic Biology</i> , 2014 , 63, 31-54	8.4	48
1531	Phylogeny of Geophilomorpha (Chilopoda) inferred from new morphological and molecular evidence. 2014 , 30, 485-507		20
1530	Stasis and convergence characterize morphological evolution in eupolypod II ferns. 2014 , 113, 35-54		44
1529	Substantial incongruence among the morphology, taxonomy, and molecular phylogeny of the land snails <i>Aegista</i> , <i>Landouria</i> , <i>Trishoplita</i> , and <i>Pseudobuliminus</i> (Pulmonata: Bradybaenidae) occurring in East Asia. 2014 , 70, 171-81		43
1528	The impact of HGT on phylogenomic reconstruction methods. 2014 , 15, 79-90		18

1527	Were There Miocene Meridiolestidans? Assessing the Phylogenetic Placement of <i>Necrolestes patagonensis</i> and the Presence of a 40 Million Year Meridiolestidan Ghost Lineage. 2014 , 21, 271-284	14
1526	Biogeographical implications of a new mouse-sized fossil bandicoot (Marsupialia: Peramelemorphia) occupying a dasyurid-like ecological niche across Australia. 2014 , 12, 265-290	17
1525	Phylogenetics and diversification of morning glories (tribe Ipomoeae, Convolvulaceae) based on whole plastome sequences. 2014 , 101, 92-103	45
1524	The Osteology and Systematics of the Enigmatic Australian Oligo-Miocene Metatherian <i>Yalkaparidon</i> (Yalkaparidontidae; Yalkaparidontia; ?Australidelphia; Marsupialia). 2014 , 21, 127-172	23
1523	Genomic atolls of differentiation in coral reef fishes (<i>Hypoplectrus</i> spp., Serranidae). 2014 , 23, 5291-303	40
1522	Wildlife disease. Recent introduction of a chytrid fungus endangers Western Palearctic salamanders. 2014 , 346, 630-1	302
1521	Reticulate evolution in North American black-fruited hawthorns (<i>Crataegus</i> section <i>Douglasia</i> ; Rosaceae): evidence from nuclear ITS2 and plastid sequences. 2014 , 114, 253-69	14
1520	The corbiculate bees arose from New World oil-collecting bees: implications for the origin of pollen baskets. 2014 , 80, 88-94	41
1519	Phylogeny of Comatulidae (Echinodermata: Crinoidea: Comatulida): a new classification and an assessment of morphological characters for crinoid taxonomy. 2014 , 80, 319-39	24
1518	Phylogenetic relationships and timing of diversification in gonorynchiform fishes inferred using nuclear gene DNA sequences (Teleostei: Ostariophysii). 2014 , 80, 297-307	14
1517	Phylogenetic perspectives on diversification and character evolution in the species-rich genus <i>Erysimum</i> (Erysimeae; Brassicaceae) based on a densely sampled ITS approach. 2014 , 175, 497-522	23
1516	Dinosaur evolution. Sustained miniaturization and anatomical innovation in the dinosaurian ancestors of birds. 2014 , 345, 562-6	160
1515	Evolution and diversity of pollen morphology in tribe Cercideae (Leguminosae). 2014 , 63, 299-314	4
1514	Phylogenetic relationships of ithomiine butterflies (Lepidoptera: Nymphalidae: Danainae) as implied by combined morphological and molecular data. 2014 , 12, 133-147	16
1513	Resolution of deep nodes yields an improved backbone phylogeny and a new basal lineage to study early evolution of Asteraceae. 2014 , 80, 43-53	72
1512	Comparative genomics as a time machine: how relative gene dosage and metabolic requirements shaped the time-dependent resolution of yeast polyploidy. 2014 , 31, 3184-93	31
1511	Preparing Paleontological Datasets for Phylogenetic Comparative Methods. 2014 , 515-544	14
1510	<i>Miconia cineana</i> (Melastomataceae: Miconieae), a New Species from the Massif de la Hotte, Haiti, Based on Morphological and Molecular Evidence. 2014 , 39, 906-914	12

1509	The basal titanosaurian <i>Rukwatitan bisepultus</i> (Dinosauria, Sauropoda) from the middle Cretaceous Galula Formation, Rukwa Rift Basin, southwestern Tanzania. 2014 , 34, 1133-1154	35
1508	Phylogeny of Myzostomida (Annelida) and their relationships with echinoderm hosts. 2014 , 14, 170	12
1507	Phylogenetic Relationships in <i>Echinocereus</i> (Cactaceae, Cactoideae). 2014 , 39, 1183-1196	19
1506	Combining morphological and phylogenetic analyses to unravel systematics in <i>Geastrum</i> sect. <i>Schmidelia</i> . 2014 , 106, 1199-211	4
1505	<i>Thismia americana</i> , the 101st Anniversary of a Botanical Mystery. 2014 , 175, 165-175	20
1504	Ancient dates or accelerated rates? Morphological clocks and the antiquity of placental mammals. 2014 , 281,	82
1503	A comprehensive multilocus phylogeny of the Neotropical cotingas (Cotingidae, Aves) with a comparative evolutionary analysis of breeding system and plumage dimorphism and a revised phylogenetic classification. 2014 , 81, 120-36	26
1502	Scombroid fishes provide novel insights into the trait/rate associations of molecular evolution. 2014 , 78, 338-48	12
1501	The evolution of pollinator-plant interaction types in the Araceae. 2014 , 68, 1533-43	32
1500	Spatio-temporal evolution of <i>Leucophyllum pringlei</i> and allies (Scrophulariaceae): a group endemic to North American xeric regions. 2014 , 76, 93-101	18
1499	Next generation phylogeography of cave and surface <i>Astyanax mexicanus</i> . 2014 , 79, 368-74	50
1498	The emergence of lobsters: phylogenetic relationships, morphological evolution and divergence time comparisons of an ancient group (decapoda: achelata, astacidea, glypheidea, polychelida). <i>Systematic Biology</i> , 2014 , 63, 457-79	8.4 89
1497	Molecular phylogeny of <i>Acanthophyllum</i> (Caryophyllaceae: Caryophylleae), with emphasis on infrageneric classification. 2014 , 63, 592-607	16
1496	History and mechanisms of carotenoid plumage evolution in the New World orioles (<i>Icterus</i>). 2014 , 172-173, 1-8	5
1495	Combining morphometrics with molecular taxonomy: how different are similar foliose keratose sponges from the Australian tropics?. 2014 , 73, 23-39	20
1494	A chloroplast tree for <i>Viburnum</i> (Adoxaceae) and its implications for phylogenetic classification and character evolution. 2014 , 101, 1029-1049	43
1493	Large-scale phylogenetic analyses reveal fagalean diversification promoted by the interplay of diaspores and environments in the Paleogene. 2014 , 16, 101-110	51
1492	Archaeopteryx, paravian phylogenetic analyses, and the use of probability-based methods for palaeontological datasets. 2014 , 12, 323-334	17

1491	A total-evidence phylogenetic analysis of Hormaphidinae (Hemiptera: Aphididae), with comments on the evolution of galls. 2014 , 30, 26-66	12
1490	Taxonomic classification of the reef coral families Merulinidae, Montastraeidae, and Diploastraeidae (Cnidaria: Anthozoa: Scleractinia). 2014 ,	2
1489	The phylogeny of a dataset. 2014 , 51, 1-11	1
1488	Functional morphology of the visual system and mating strategies in bumblebees (Hymenoptera, Apidae, <i>Bombus</i>). 2014 ,	
1487	Low-copy nuclear data confirm rampant allopolyploidy in the Cystopteridaceae (Polypodiales). 2014 , 63, 1026-1036	18
1486	Elusive ditrysian phylogeny: an account of combining systematized morphology with molecular data (Lepidoptera). 2015 , 15, 260	62
1485	Phylogenetic relationships of <i>Ibervillea</i> and <i>Tumamoca</i> (Coniandreae, Cucurbitaceae), two genera of the dry lands of North America. 2015 , 201, 197	1
1484	Phylogeny of split-footed lacewings (Neuroptera, Nymphidae), with descriptions of new Cretaceous fossil species from China. 2015 , 31, 455-490	31
1483	Molecules, morphology and <i>Mimeoma</i> scarabs: evolutionary and taxonomic implications for a palm-associated scarab group. 2015 , 40, 891-900	7
1482	Molecular phylogeny supports <i>S</i> -chaetae as a key character better than jumping organs and body scales in classification of Entomobryoidea (Collembola). 2015 , 5, 12471	17
1481	ASSESSING PHENOTYPIC CORRELATION THROUGH THE MULTIVARIATE PHYLOGENETIC LATENT LIABILITY MODEL. 2015 , 9, 969-991	23
1480	References. 220-239	
1479	Integrative taxonomy reveals an unexpected diversity in <i>Geastrum</i> section <i>Geastrum</i> (Geastrales, Basidiomycota). 2015 , 34, 130-65	23
1478	Range expansion and habitat shift triggered elevated diversification of the rice genus (<i>Oryza</i> , Poaceae) during the Pleistocene. 2015 , 15, 182	1
1477	The fragile Y hypothesis: Y chromosome aneuploidy as a selective pressure in sex chromosome and meiotic mechanism evolution. 2015 , 37, 942-50	19
1476	Treelink: data integration, clustering and visualization of phylogenetic trees. 2015 , 16, 414	6
1475	Of flowers and twigs: phylogenetic revision of the plant-mimicking praying mantises (Mantodea: Empusidae and Hymenopodidae) with a new suprageneric classification. 2015 , 40, 789-834	26
1474	Chasing ghosts: the phylogeny of Amaurobioidinae ghost spiders (Araneae, Anyphaenidae). 2015 , 44, 550-561	8

1473	Breaking linkage between mating compatibility factors: Tetrapolarity in <i>Microbotryum</i> . 2015 , 69, 2561-72	11
1472	Morphological phylogenetic analysis of <i>Ophrys</i> (Orchidaceae): insights from morpho-anatomical floral traits into the interspecific relationships in an unresolved clade. 2015 , 179, 454-476	1
1471	Evolution of bower building in Lake Malawi cichlid fish: phylogeny, morphology, and behavior. 2015 , 3,	18
1470	Anhydrobiosis and freezing-tolerance: adaptations that facilitate the establishment of <i>Panagrolaimus</i> nematodes in polar habitats. 2015 , 10, e0116084	18
1469	Innovative Bayesian and parsimony phylogeny of dung beetles (coleoptera, scarabaeidae, scarabaeinae) enhanced by ontology-based partitioning of morphological characters. 2015 , 10, e0116671	63
1468	In or out-of-Madagascar?--Colonization patterns for large-bodied diving beetles (Coleoptera: Dytiscidae). 2015 , 10, e0120777	11
1467	New Information on <i>Tataouinea hannibalis</i> from the Early Cretaceous of Tunisia and Implications for the Tempo and Mode of Rebbachisaurid Sauropod Evolution. 2015 , 10, e0123475	35
1466	Phylogeny, evolution and classification of gall wasps: the plot thickens. 2015 , 10, e0123301	75
1465	Molecular Phylogeny of the Cliff Ferns (Woodsiaceae: Polypodiales) with a Proposed Infrageneric Classification. 2015 , 10, e0136318	7
1464	Pyvolve: A Flexible Python Module for Simulating Sequences along Phylogenies. 2015 , 10, e0139047	54
1463	Genera of euophryine jumping spiders (Araneae: Salticidae), with a combined molecular-morphological phylogeny. 2015 , 3938, 1-147	34
1462	Molecular phylogenetics, diversification, and systematics of <i>Tibicen</i> Latreille 1825 and allied cicadas of the tribe <i>Cryptotympanini</i> , with three new genera and emphasis on species from the USA and Canada(Hemiptera: Auchenorrhyncha: Cicadidae). 2015 , 3985, 219-51	24
1461	Integrated analyses resolve conflicts over squamate reptile phylogeny and reveal unexpected placements for fossil taxa. 2015 , 10, e0118199	182
1460	The origin of snakes: revealing the ecology, behavior, and evolutionary history of early snakes using genomics, phenomics, and the fossil record. 2015 , 15, 87	139
1459	Molecular Phylogenetic and Phylogenomic Approaches in Studies of Lichen Systematics and Evolution. 2015 , 45-60	5
1458	Whale falls, multiple colonisations of the deep, and the phylogeny of Hesionidae (Annelida). 2015 , 29, 105	10
1457	Parallel Epidemics of Community-Associated Methicillin-Resistant <i>Staphylococcus aureus</i> USA300 Infection in North and South America. 2015 , 212, 1874-82	75
1456	Post-molecular systematics and the future of phylogenetics. 2015 , 30, 384-9	62

1455	Copy number variation in the speciation of pigs: a possible prominent role for olfactory receptors. 2015 , 16, 330		51
1454	Oligocene niche shift, Miocene diversification - cold tolerance and accelerated speciation rates in the St. John's Worts (<i>Hypericum</i> , Hypericaceae). 2015 , 15, 80		41
1453	Cytology and molecular phylogenetics of Monoblepharidomycetes provide evidence for multiple independent origins of the hyphal habit in the Fungi. 2015 , 107, 710-28		32
1452	What is <i>Teramocerus</i> Schoenherr, 1840? A new definition from revision and phylogeny of the group (Insecta, Coleoptera, Brentidae). 2015 , 37, 285-322		6
1451	<i>Canrightiopsis</i> , a new Early Cretaceous fossil with <i>Clavatipollenites</i> -type pollen bridge the gap between extinct <i>Canrightia</i> and extant Chloranthaceae. 2015 , 54, 184-212		28
1450	What limits the morphological disparity of clades?. 2015 , 5, 20150042		24
1449	The morphological state space revisited: what do phylogenetic patterns in homoplasy tell us about the number of possible character states?. 2015 , 5, 20150049		12
1448	Soil tardigrade biodiversity with the description of a new eutardigrade genus and its phylogenetic position. 2015 , 13, 234-256		12
1447	Genomic sequences of six botulinum neurotoxin-producing strains representing three clostridial species illustrate the mobility and diversity of botulinum neurotoxin genes. 2015 , 30, 102-113		47
1446	Moth tails divert bat attack: evolution of acoustic deflection. 2015 , 112, 2812-6		48
1445	Ancestral state reconstruction, rate heterogeneity, and the evolution of reptile viviparity. <i>Systematic Biology</i> , 2015 , 64, 532-44	8.4	65
1444	Convergent evolution of alternative developmental trajectories associated with diapause in African and South American killifish. 2015 , 282,		68
1443	Model inadequacy and mistaken inferences of trait-dependent speciation. <i>Systematic Biology</i> , 2015 , 64, 340-55	8.4	308
1442	Systematic implications of seed morphological diversity in Portulacaceae (Caryophyllales). 2015 , 301, 1215-1226		4
1441	Phylogenetics and molecular clocks reveal the repeated evolution of ant-plants after the late Miocene in Africa and the early Miocene in Australasia and the Neotropics. 2015 , 207, 411-424		56
1440	Circumstances in which parsimony but not compatibility will be provably misleading. <i>Systematic Biology</i> , 2015 , 64, 492-504	8.4	27
1439	Revision and phylogeny of <i>Syrphetodes</i> (Coleoptera: Ulodidae): implications for biogeography, alpinization and conservation. 2015 , 40, 143-168		9
1438	Speciation within <i>Columnea</i> section <i>Angustiflora</i> (Gesneriaceae): islands, pollinators and climate. 2015 , 84, 125-44		9

1437	Phylogenetic relationships and taxonomic ranking of pipizine flower flies (Diptera: Syrphidae) with implications for the evolution of aphidophagy. 2015 , 31, 491-508		35
1436	Towards uncovering evolution of lineage-specific calcium oxalate crystal patterns in Piperales. 2015 , 93, 159-169		9
1435	Using more than the oldest fossils: dating osmundaceae with three Bayesian clock approaches. <i>Systematic Biology</i> , 2015 , 64, 396-405	8.4	43
1434	Phylogenetic relationships in Epidendroideae (Orchidaceae), one of the great flowering plant radiations: progressive specialization and diversification. 2015 , 115, 665-81		75
1433	Among-character rate variation distributions in phylogenetic analysis of discrete morphological characters. <i>Systematic Biology</i> , 2015 , 64, 307-24	8.4	37
1432	Evolutionary Relationships of the Deep-Sea Pearleyes (Aulopiformes: Scopelarchidae) and a New Genus of Pearleye from Antarctic Waters. 2015 , 103, 64-71		7
1431	ExaML version 3: a tool for phylogenomic analyses on supercomputers. 2015 , 31, 2577-9		161
1430	Rapid adaptive radiation and host plant conservation in the Hawaiian picture wing <i>Drosophila</i> (Diptera: Drosophilidae). 2015 , 92, 226-42		30
1429	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. 2015 , 92, 124-39		12
1428	Tempo and mode of flower color evolution. 2015 , 102, 1014-25		28
1427	A new eutheriocephalian (Therapsida, Therocephalia) from the upper Permian Madumabisa Mudstone Formation (Luangwa Basin) of Zambia. 2015 , 35, e969400		19
1426	Bayesian analysis of a morphological supermatrix sheds light on controversial fossil hominin relationships. 2015 , 282, 20150943		86
1425	Evolution of <i>Spermophagus</i> seed beetles (Coleoptera, Bruchinae, Amblycerini) indicates both synchronous and delayed colonizations of host plants. 2015 , 89, 91-103		7
1424	Identifiability of the unrooted species tree topology under the coalescent model with time-reversible substitution processes, site-specific rate variation, and invariable sites. 2015 , 374, 35-47		156
1423	Phylogenetic analysis of molecular and morphological data highlights uncertainty in the relationships of fossil and living species of Elopomorpha (Actinopterygii: Teleostei). 2015 , 89, 205-18		27
1422	Apparent similarity, underlying homoplasy: Morphology and molecular phylogeny of the North American clade of <i>Manihot</i> . 2015 , 102, 520-32		4
1421	Non-monophyly of <i>Primula</i> subgenera <i>Auganthus</i> and <i>Carolinella</i> (Primulaceae) as confirmed by the nuclear DNA sequence variation. 2015 , 301, 2057-2071		5
1420	Phylogeny of the Acarosporaceae (Lecanoromycetes, Ascomycota, Fungi) and the evolution of carbonized ascomata. 2015 , 73, 145-158		24

1419	Adaptive divergence in the monkey flower <i>Mimulus guttatus</i> is maintained by a chromosomal inversion. 2015 , 69, 1476-1486		111
1418	Into the light: diurnality has evolved multiple times in geckos. 2015 , 115, 896-910		82
1417	Utility of characters evolving at diverse rates of evolution to resolve quartet trees with unequal branch lengths: analytical predictions of long-branch effects. 2015 , 15, 86		16
1416	The most relictual fungus-farming ant species cultivates the most recently evolved and highly domesticated fungal symbiont species. 2015 , 185, 693-703		30
1415	Rapid diversification associated with ecological specialization in Neotropical <i>Adelpha</i> butterflies. 2015 , 24, 2392-405		58
1414	Comparative morphology, phylogeny, and classification of West African callopanchacine killifishes (Teleostei: Cyprinodontiformes: Nothobranchiidae). 2015 , 175, 134-149		5
1413	Natural hybridization between genera that diverged from each other approximately 60 million years ago. 2015 , 185, 433-42		55
1412	A Nonstationary Markov Model Detects Directional Evolution in Hymenopteran Morphology. <i>Systematic Biology</i> , 2015 , 64, 1089-103	8.4	40
1411	A composite genome approach to identify phylogenetically informative data from next-generation sequencing. 2015 , 16, 193		17
1410	<i>Osmunda pulchella</i> sp. nov. from the Jurassic of Sweden--reconciling molecular and fossil evidence in the phylogeny of modern royal ferns (Osmundaceae). 2015 , 15, 126		20
1409	<i>Rhodoscirpus</i> (Cyperaceae: Scirpeae), a new South American sedge genus supported by molecular, morphological, anatomical and embryological data. 2015 , 64, 931-944		16
1408	Taxonomic and evolutionary implications of spore ornamentation in Davalliaceae. 2015 , 53, 72-81		5
1407	Morphological Phylogenetics in the Genomic Age. 2015 , 25, R922-9		97
1406	Phylogenomic Insights into Animal Evolution. 2015 , 25, R876-87		108
1405	Dating Tips for Divergence-Time Estimation. 2015 , 31, 637-650		93
1404	Describing a New Species into a Polyphyletic Genus: Taxonomic Novelty in <i>Ledermanniella</i> s.l. (Podostemaceae) from Cameroon. 2015 , 40, 539-552		8
1403	Short Tree, Long Tree, Right Tree, Wrong Tree: New Acquisition Bias Corrections for Inferring SNP Phylogenies. <i>Systematic Biology</i> , 2015 , 64, 1032-47	8.4	191
1402	Evolution of displays in Galápagos lava lizards: comparative analyses of signallers and robot playbacks to receivers. 2015 , 109, 33-44		14

1401	markophylo: Markov chain analysis on phylogenetic trees. 2016 , 32, 130-2	2
1400	Evolutionary origin of the turtle skull. 2015 , 525, 239-42	68
1399	Genomic data do not support comb jellies as the sister group to all other animals. 2015 , 112, 15402-7	212
1398	The impact of shifts in marine biodiversity hotspots on patterns of range evolution: Evidence from the Holocentridae (squirrelfishes and soldierfishes). 2015 , 69, 146-61	28
1397	Testing diversification models of endemic Philippine forest mice (<i>Apomys</i>) with nuclear phylogenies across elevational gradients reveals repeated colonization of isolated mountain ranges. 2015 , 42, 51-64	20
1396	The velamen protects photosynthetic orchid roots against UV-B damage, and a large dated phylogeny implies multiple gains and losses of this function during the Cenozoic. 2015 , 205, 1330-1341	55
1395	Why is Madagascar special? The extraordinarily slow evolution of pelican spiders (Araneae, Archaeidae). 2015 , 69, 462-81	16
1394	Parental care in the Cuatro Ciénegas cichlid, <i>Herichthys minckleyi</i> (Teleostei: Cichlidae). 2015 , 748, 233-257	10
1393	A tribal level phylogeny of Lake Tanganyika cichlid fishes based on a genomic multi-marker approach. 2015 , 83, 56-71	72
1392	Recovering the evolutionary history of Africa's most diverse viper genus: morphological and molecular phylogeny of <i>Bitis</i> (Reptilia: Squamata: Viperidae). 2015 , 15, 115-125	5
1391	The phylogenetic likelihood library. <i>Systematic Biology</i> , 2015 , 64, 356-62	8.4 64
1390	Phylogenetic Relationships and Morphological Character Evolution of Photosynthetic Euglenids (Excavata) Inferred from Taxon-rich Analyses of Five Genes. 2015 , 62, 362-73	30
1389	The <i>Lucilia</i> group (Asteraceae, Gnaphalieae): phylogenetic and taxonomic considerations based on molecular and morphological evidence. 2015 , 301, 1227-1248	13
1388	The origins and radiation of Australian <i>Coptotermes</i> termites: from rainforest to desert dwellers. 2015 , 82 Pt A, 234-44	19
1387	A phylogeny and biogeographic analysis for the Cape-Pondweed family Aponogetonaceae (Alismatales). 2015 , 82 Pt A, 111-7	18
1386	An evaluation of fossil tip-dating versus node-age calibrations in tetraodontiform fishes (Teleostei: Percomorphaceae). 2015 , 82 Pt A, 131-45	96
1385	Phylogeny, paleontology, and primates: do incomplete fossils bias the tree of life?. <i>Systematic Biology</i> , 2015 , 64, 169-86	8.4 27
1384	Role of Caribbean Islands in the diversification and biogeography of Neotropical <i>Heraclides</i> swallowtails. 2015 , 31, 291-314	22

1383	Phylogeny and biogeography of Neotropical spittlebugs (Hemiptera: Cercopidae: Ischnorhininae): revised tribal classification based on morphological data. 2015 , 40, 82-108	16
1382	Homology assessment in parsimony and model-based analyses: two sides of the same coin. 2015 , 31, 315-320	10
1381	Sexually Dimorphic Bandicoots (Marsupialia: Peramelemorphia) From the Oligo-Miocene of Australia, First Cranial Ontogeny for Fossil Bandicoots and New Species Descriptions. 2015 , 22, 141-167	16
1380	Phylogeny and systematics of Protodrilidae (Annelida) inferred with total evidence analyses. 2015 , 31, 250-276	29
1379	Systematics and evolution of the Pan-Alcidae (Aves, Charadriiformes). 2015 , 46, 125-140	26
1378	Dealing with propositions, not with the characters: the ability of three-taxon statement analysis to recognise groups based solely on Eversals under the maximum-likelihood criteria. 2016 , 29, 119	25
1377	Inferring Evolution of Habitat Usage and Body Size in Endangered, Seasonal Cynopoeiline Killifishes from the South American Atlantic Forest through an Integrative Approach (Cyprinodontiformes: Rivulidae). 2016 , 11, e0159315	3
1376	Osteology Supports a Stem-Galliform Affinity for the Giant Extinct Flightless Bird <i>Sylviornis neocaledoniae</i> (Sylviornithidae, Galloanseres). 2016 , 11, e0150871	30
1375	A Re-Description of 'Mycterosaurus' smithae, an Early Permian Eothyridid, and Its Impact on the Phylogeny of Pelycosaurian-Grade Synapsids. 2016 , 11, e0156810	27
1374	A Comprehensive Study of Cyanobacterial Morphological and Ecological Evolutionary Dynamics through Deep Geologic Time. 2016 , 11, e0162539	45
1373	Early Gnathostome Phylogeny Revisited: Multiple Method Consensus. 2016 , 11, e0163157	38
1372	Topology, divergence dates, and macroevolutionary inferences vary between different tip-dating approaches applied to fossil theropods (Dinosauria). 2016 , 12,	50
1371	Genomic evidence for ecological divergence against a background of population homogeneity in the marine snail <i>Chlorostoma funebris</i> . 2016 , 25, 3557-73	33
1370	Phylogeny and historical biogeography of leafhopper subfamily Iassinae (Hemiptera: Cicadellidae) with a revised tribal classification based on morphological and molecular data. 2016 , 41, 580-595	26
1369	Molecular Phylogeny and Pollen Evolution of Euphorbiaceae Tribe Plukenetieae. 2016 , 41, 329-347	13
1368	A morphological supermatrix-based phylogeny for the Neotropical fish superfamily Anostomoidea (Ostariophysi: Characiformes): phylogeny, missing data and homoplasy. 2016 , 32, 276-296	14
1367	Histological data in a combined phylogenetic analysis of scleractinian reef corals. 2016 , 277, 494-511	4
1366	Implied weighting and its utility in palaeontological datasets: a study using modelled phylogenetic matrices. 2016 , 59, 447-462	45

1365	Molecular phylogeny reveals the repeated evolution of complex male genital traits in the New Zealand moth genus <i>Izatha</i> (Lepidoptera: Xyloryctidae). 2016 , 41, 309-322	5
1364	Reassessment of the evolutionary relationships within the dog-faced bats, genus <i>Cynomops</i> (Chiroptera: Molossidae). 2016 , 45, 465-480	12
1363	Molecular phylogenetic relationships of Melanthiaceae (Liliales) based on plastid DNA sequences. 2016 , 181, 567-584	15
1362	Phylogenetic analyses elucidate the inter-relationships of Pamphilioidea (Hymenoptera, Symphyta). 2016 , 32, 239-260	19
1361	Morphology disentangles the systematics of a ubiquitous but elusive meiofaunal group (Kinorhyncha: Pycnophyidae). 2016 , 32, 479-505	29
1360	Sampling diverse characters improves phylogenies: Craniodental and postcranial characters of vertebrates often imply different trees. 2016 , 70, 666-86	21
1359	The evolution of insect sperm: an unusual character system in a megadiverse group. 2016 , 54, 237-256	17
1358	Selection for predation, not female fecundity, explains sexual size dimorphism in the orchid mantises. 2016 , 6, 377-53	10
1357	Evidence for social parasitism of early insect societies by Cretaceous rove beetles. 2016 , 7, 136-58	44
1356	The influence of habitat on the evolution of plants: a case study across Saxifragales. 2016 , 118, 1317-1328	9
1355	The impact of fossil data on annelid phylogeny inferred from discrete morphological characters. 2016 , 283,	30
1354	Time-calibrated models support congruency between Cretaceous continental rifting and titanosaurian evolutionary history. 2016 , 12,	64
1353	Ancient mitochondrial genomes clarify the evolutionary history of New Zealand's enigmatic acanthisittid wrens. 2016 , 102, 295-304	18
1352	Annuli and setal patterns in the flagellum of female micro-whipscorpions (Arachnida: Schizomida): Hypotheses of homology across an order. 2016 , 263, 118-134	13
1351	Repeated Evolution of Power-Amplified Predatory Strikes in Trap-Jaw Spiders. 2016 , 26, 1057-61	33
1350	Physalis and physaloids: A recent and complex evolutionary history. 2016 , 100, 41-50	24
1349	A new classification of viviparous brotulas (Bythitidae) - with family status for Dinematchthyidae - based on molecular, morphological and fossil data. 2016 , 100, 391-408	24
1348	Hunter-Gatherers and the Origins of Religion. 2016 , 27, 261-82	87

1347	Phylogenetics and biogeography of the endemic Madagascan millipede assassin bugs (Hemiptera: Reduviidae: Ectrichodiinae). 2016 , 100, 219-233		7
1346	Phylogeny and Divergence Times of Lemurs Inferred with Recent and Ancient Fossils in the Tree. <i>Systematic Biology</i> , 2016 , 65, 772-91	8.4	98
1345	A New Infrageneric Classification of <i>Mucuna</i> (Leguminosae-Papilionoideae): Supported by Morphology, Molecular Phylogeny and Biogeography. 2016 , 41, 606-616		4
1344	Bayesian methods outperform parsimony but at the expense of precision in the estimation of phylogeny from discrete morphological data. 2016 , 12,		117
1343	The phylogeny of marine sculpins of the genus <i>Icelinus</i> with comments on the evolution and biogeography of the Pseudoblenninae. 2016 , 4171, 549-561		3
1342	Evolutionary relationships and systematics of Atoposauridae (Crocodylomorpha: Neosuchia): implications for the rise of Eusuchia. 2016 , 177, 854-936		35
1341	Novel Approaches for Phylogenetic Inference from Morphological Data and Total-Evidence Dating in Squamate Reptiles (Lizards, Snakes, and Amphisbaenians). <i>Systematic Biology</i> , 2017 , 66, 38-56	8.4	53
1340	Re-evolution of a morphological precursor of crypsis investment in the newly revised horned praying mantises (Insecta, Mantodea, Vatininae). 2016 , 41, 229-255		14
1339	Dating placentalia: Morphological clocks fail to close the molecular fossil gap. 2016 , 70, 873-86		20
1338	Bayesian Total-Evidence Dating Reveals the Recent Crown Radiation of Penguins. <i>Systematic Biology</i> , 2017 , 66, 57-73	8.4	170
1337	Bayesian Phylogenetic Estimation of Clade Ages Supports Trans-Atlantic Dispersal of Cichlid Fishes. <i>Systematic Biology</i> , 2017 , 66, 3-22	8.4	53
1336	Integrating Paleontological and Phylogenetic Approaches to Macroevolution. 2016 , 47, 189-213		50
1335	Phylogenetics of extant and fossil Pinaceae: methods for increasing topological stability. 2016 , 94, 863-884		18
1334	Revision and phylogeny of the genus <i>Balgus</i> Fleutiaux, 1920 (Coleoptera, Elateridae, Thylacosterninae). 2016 , 4083, 451-82		
1333	Taxonomic revision and phylogeny of the ant genus <i>Prenolepis</i> (Hymenoptera: Formicidae). 2016 , 4200, zootaxa.4200.2.1		7
1332	Phylogenetic relationships at the base of Ericaceae: Implications for vegetative and mycorrhizal evolution. 2016 , 65, 794-804		19
1331	A new genus of the tribe Acratini from the continental Neotropical region (Coleoptera: Curculionoidea, Brentidae). 2016 , 52, 107-134		3
1330	Phylogeny Explains Variation in The Root Chemistry of Eucalyptus Species. 2016 , 42, 1086-1097		16

1329	Taxonomic classification of the reef coral family Lobophylliidae (Cnidaria: Anthozoa: Scleractinia). 2016 , 178, 436-481	24
1328	Estimation of Gene Insertion/Deletion Rates with Missing Data. 2016 , 204, 513-529	2
1327	Timing of rapid diversification and convergent origins of active pollination within Agavoideae (Asparagaceae). 2016 , 103, 1717-1729	39
1326	A redescription of the Middle Devonian dipnoan <i>Pentlandia macroptera</i> Traquair, 1889, and an assessment of the Phaneropleuridae. 2016 ,	
1325	Incorporating fossils into hypotheses of insect phylogeny. 2016 , 18, 69-76	8
1324	A Silurian maxillate placoderm illuminates jaw evolution. 2016 , 354, 334-336	56
1323	The phylogeny and evolutionary history of tyrannosauroid dinosaurs. 2016 , 6, 20252	63
1322	WARACS: Wrappers to Automate the Reconstruction of Ancestral Character States. 2016 , 4, 1500120	4
1321	Bandicoot fossils and DNA elucidate lineage antiquity amongst xeric-adapted Australasian marsupials. 2016 , 6, 37537	11
1320	Tightly congruent bursts of lineage and phenotypic diversification identified in a continental ant radiation. 2016 , 70, 903-12	23
1319	Two new species of fossil <i>Corethrella</i> Coquillett from Late Eocene Rovno amber, with a species-level phylogeny for the family based on morphological traits (Diptera: Corethrellidae). 2016 , 41, 531-540	10
1318	RevBayes: Bayesian Phylogenetic Inference Using Graphical Models and an Interactive Model-Specification Language. <i>Systematic Biology</i> , 2016 , 65, 726-36	8.4 295
1317	Comparative genomic analyses reveal broad diversity in botulinum-toxin-producing Clostridia. 2016 , 17, 180	56
1316	W-IQ-TREE: a fast online phylogenetic tool for maximum likelihood analysis. 2016 , 44, W232-5	1497
1315	Dating species divergences using rocks and clocks. 2016 , 371,	5
1314	Bayesian phylogenetic estimation of fossil ages. 2016 , 371,	22
1313	A mixed relaxed clock model. 2016 , 371,	36
1312	A molecular palaeobiological exploration of arthropod terrestrialization. 2016 , 371,	86

1311	Closing the gap between rocks and clocks using total-evidence dating. 2016 , 371,	66
1310	The evolution of methods for establishing evolutionary timescales. 2016 , 371,	57
1309	Phylogenetic relationships in Mormodes (Orchidaceae, Cymbidieae, Catasetinae) inferred from nuclear and plastid DNA sequences and morphology. 2016 , 263, 18	2
1308	Chaetal type diversity increases during evolution of Eunicida (Annelida). 2016 , 16, 105-119	10
1307	The evolutionary relationships and age of Homo naledi: An assessment using dated Bayesian phylogenetic methods. 2016 , 97, 17-26	86
1306	Emergence of a superradiation: pselaphine rove beetles in mid-Cretaceous amber from Myanmar and their evolutionary implications. 2016 , 41, 541-566	26
1305	Diploid hybrid origin of Hippophthalmis gyantsensis (Elaeagnaceae) in the western Qinghai-Tibet Plateau. 2016 , 117, 658-671	8
1304	A phylogenetic analysis of molecular and morphological characters of Herminium (Orchidaceae, Orchideae): evolutionary relationships, taxonomy, and patterns of character evolution. 2016 , 32, 198-210	13
1303	Molecular paleobiology Progress and perspectives. 2016 , 25, 138-148	4
1302	Phylogenomic reconstruction supports supercontinent origins for Leishmania. 2016 , 38, 101-109	37
1301	Using multiple sources of characters to delimit species in the genus Crataegus (Rosaceae): the case of the Crataegus rosei complex. 2016 , 14, 244-260	11
1300	A new species of Eumops (Chiroptera: Molossidae) from southeastern Brazil and Bolivia. 2016 , 81, 235-246	16
1299	Nasutoceratops titusi (Ornithischia, Ceratopsidae), a basal centrosaurine ceratopsid from the Kaiparowits Formation, southern Utah. 2016 , 36, e1054936	6
1298	Geomolecular Dating and the Origin of Placental Mammals. <i>Systematic Biology</i> , 2016 , 65, 546-57	8.4 41
1297	The phylogenetic position and diversity of the enigmatic mongrel frog Nothophryne Poynton, 1963 (Amphibia, Anura). 2016 , 99, 89-102	16
1296	Phylogenetic investigation of the complex evolutionary history of dispersal mode and diversification rates across living and fossil Fagales. 2016 , 209, 418-35	56
1295	Evolution and biogeography of the cushion life form in angiosperms. 2016 , 20, 22-31	30
1294	Data supporting phylogenetic reconstructions of the Neotropical clade Gymnotiformes. 2016 , 7, 23-59	6

1293	Inferring Bounded Evolution in Phenotypic Characters from Phylogenetic Comparative Data. <i>Systematic Biology</i> , 2016 , 65, 651-61	8.4	21
1292	Was Gondwanan breakup the cause of the intercontinental distribution of Osteoglossiformes? A time-calibrated phylogenetic test combining molecular, morphological, and paleontological evidence. 2016 , 99, 34-43		21
1291	The first karenitid (Therapsida, Therocephalia) from the upper Permian of Gondwana and the biogeography of Permo-Triassic therocephalians. 2016 , 36, e1111897		20
1290	Bayesian molecular clock dating of species divergences in the genomics era. 2016 , 17, 71-80		158
1289	Modeling Character Change Heterogeneity in Phylogenetic Analyses of Morphology through the Use of Priors. <i>Systematic Biology</i> , 2016 , 65, 602-11	8.4	64
1288	Model-based total evidence phylogeny of Neotropical electric knifefishes (Teleostei, Gymnotiformes). 2016 , 95, 20-33		69
1287	A model of compensatory molecular evolution involving multiple sites in RNA molecules. 2016 , 388, 96-107		6
1286	Effects of missing data on topological inference using a Total Evidence approach. 2016 , 94, 146-58		46
1285	Inflation of Molecular Clock Rates and Dates: Molecular Phylogenetics, Biogeography, and Diversification of a Global Cicada Radiation from Australasia (Hemiptera: Cicadidae: Cicadettini). <i>Systematic Biology</i> , 2016 , 65, 16-34	8.4	32
1284	Total-Evidence Dating under the Fossilized Birth-Death Process. <i>Systematic Biology</i> , 2016 , 65, 228-49	8.4	188
1283	A preliminary phylogenetic study of late Palaeozoic spiriferoid brachiopods using cladistic and Bayesian approaches. 2016 , 25, 43-59		2
1282	Molecular phylogenetics and the morphology of the Lycopodiaceae subfamily Huperzioidae supports three genera: Huperzia, Phlegmariurus and Phylloglossum. 2016 , 94, 635-657		39
1281	Phylogeny of Molossidae Gervais (Mammalia: Chiroptera) inferred by morphological data. 2016 , 32, 2-35		21
1280	A new family of gymnodont fish (Tetraodontiformes) from the earliest Eocene of the Peri-Tethys (Kabardino-Balkaria, northern Caucasus, Russia). 2017 , 15, 129-146		10
1279	Phylogeny of the tribe Abrotrichini (Cricetidae, Sigmodontinae): integrating morphological and molecular evidence into a new classification. 2017 , 33, 153-182		21
1278	Fluctuations in Evolutionary Integration Allow for Big Brains and Disparate Faces. 2017 , 7, 40431		23
1277	A new genus of schizomids (Arachnida: Schizomida: Hubbardiidae) from Mexico, with notes on its systematics. 2017 , 15, 399-413		3
1276	Eocene lantern fruits from Gondwanan Patagonia and the early origins of Solanaceae. 2017 , 355, 71-75		61

1275	Cambrian suspension-feeding lobopodians and the early radiation of panarthropods. 2017 , 17, 29	15
1274	Uncertain-tree: discriminating among competing approaches to the phylogenetic analysis of phenotype data. 2017 , 284,	78
1273	Macroevolutionary synthesis of flowering plant sexual systems. 2017 , 71, 898-912	42
1272	Systematics of the Cosmopolitan Aquatic Genus <i>Elatine</i> . 2017 , 42, 73-86	1
1271	Bayesian estimation of fossil phylogenies and the evolution of early to middle Paleozoic crinoids (Echinodermata). 2017 , 91, 799-814	50
1270	Phylogenomic analysis of Copepoda (Arthropoda, Crustacea) reveals unexpected similarities with earlier proposed morphological phylogenies. 2017 , 17, 23	26
1269	Molecular phylogeny of extant Holothuroidea (Echinodermata). 2017 , 111, 110-131	84
1268	Phylogeny of the orchid-bee genus <i>Euglossa</i> Latreille (Hymenoptera: Apidae), with emphasis on the subgenera <i>E. (Glossura)</i> Cockerell and <i>E. (Glossuropoda)</i> Moure. 2017 , 267, 82-100	3
1267	The taxonomic placement of three fossil <i>Fundulus</i> species and the timing of divergence within the North American topminnows (Teleostei: Fundulidae). 2017 , 4250, 577-586	7
1266	Molecular phylogeny and biogeography of the land snail family Hygromiidae (Gastropoda: Helicoidea). 2017 , 111, 169-184	28
1265	Pre- versus post-mass extinction divergence of Mesozoic marine reptiles dictated by time-scale dependence of evolutionary rates. 2017 , 284,	19
1264	Akaryotes and Eukaryotes are independent descendants of a universal common ancestor. 2017 , 138, 168-183	17
1263	Total evidence phylogeny of the North American harvestman family Stygnopsidae (Opiliones : Laniatores : Grassatores) reveals hidden diversity. 2017 , 31, 317	8
1262	Stem caecilian from the Triassic of Colorado sheds light on the origins of Lissamphibia. 2017 , 114, E5389-E5395	41
1261	Millipede assassins and allies (Heteroptera: Reduviidae: Ectrichodiinae, Tribelocephalinae): total evidence phylogeny, revised classification and evolution of sexual dimorphism. 2017 , 42, 575-595	8
1260	Phylogeny and reclassification of Cryptini (Hymenoptera, Ichneumonidae, Cryptinae), with implications for ichneumonid higher-level classification. 2017 , 42, 650-676	25
1259	Phylogeny, classification and evolution of the water scavenger beetle tribe Hydrobiusini inferred from morphology and molecules (Coleoptera: Hydrophilidae: Hydrophilinae). 2017 , 42, 677-691	11
1258	Current knowledge of fungi from Neotropical montane cloud forests: distributional patterns and composition. 2017 , 26, 1919-1942	5

1257	Comportamiento social y preferencias alimentarias en la evolución de los cidos actuales. 2017 , 88, 192-206	2
1256	Genome-wide SNPs resolve phylogenetic relationships in the North American spruce budworm (<i>Choristoneura fumiferana</i>) species complex. 2017 , 111, 158-168	24
1255	Phylogeny and biogeography of the scaleless scale worm (Sigalionidae, Annelida). 2017 , 7, 2894-2915	5
1254	Phylogenetic inference and divergence dating of snakes using molecules, morphology and fossils: new insights into convergent evolution of feeding morphology and limb reduction. 2017 , 121, 379-394	40
1253	Integrating fossil and extant lineages: an examination of morphological space through time (Araneae: Archaetidae). 2017 , 45, 20	3
1252	Persistence of historical population structure in an endangered species despite near-complete biome conversion in California's San Joaquin Desert. 2017 , 26, 3618-3635	18
1251	An integrative systematic framework helps to reconstruct skeletal evolution of glass sponges (Porifera, Hexactinellida). 2017 , 14, 18	12
1250	Phylogenetic interpretation of light and electron microscopic features of selected members of the phylogroup <i>Moewusinia</i> (Chlorophyceae), with new generic taxonomy. 2017 , 56, 329-353	18
1249	Ecological diversification associated with the benthic-to-pelagic transition by North American minnows. 2017 , 30, 549-560	19
1248	Total evidence phylogenetic analysis and reclassification of <i>Euschistus</i> Dallas within Carpacorini (Hemiptera: Pentatomidae: Pentatominae). 2017 , 42, 399-409	8
1247	New sivaladapid primate from Lower Siwalik deposits surrounding Ramnagar (Jammu and Kashmir State), India. 2017 , 102, 21-41	8
1246	A symmoriiform chondrichthyan braincase and the origin of chimaeroid fishes. 2017 , 541, 208-211	45
1245	Ecological range shift in the polyploid members of the South American genus <i>Fosterella</i> (Bromeliaceae). 2017 , 120, 233-243	22
1244	Total evidence phylogeny and the evolution of adult bioluminescence in fireflies (Coleoptera: Lampyridae). 2017 , 107, 564-575	46
1243	A total evidence phylogeny for the processionary moths of the genus <i>Thaumetopoea</i> (Lepidoptera: Notodontidae: Thaumetopoeinae). 2017 , 33, 557-573	7
1242	Evolution of dispersal strategies in conifers: Functional divergence and convergence in the morphology of diaspores. 2017 , 24, 93-117	17
1241	Multiple optimality criteria support Ornithoscelida. 2017 , 4, 170833	13
1240	Population genomics of the Asian tiger mosquito, : insights into the recent worldwide invasion. 2017 , 7, 10143-10157	54

1239	Bayesian and likelihood phylogenetic reconstructions of morphological traits are not discordant when taking uncertainty into consideration: a comment on Puttick <i>et al.</i> 2017 , 284,	23
1238	Parsimony and maximum-likelihood phylogenetic analyses of morphology do not generally integrate uncertainty in inferring evolutionary history: a response to Brown. 2017 , 284,	14
1237	The second titanosaurian (Dinosauria: Sauropoda) from the middle Cretaceous Galula Formation, southwestern Tanzania, with remarks on African titanosaurian diversity. 2017 , 37, e1343250	24
1236	New crinoids from the Baltic region (Estonia): fossil tip-dating phylogenetics constrains the origin and Ordovician-Silurian diversification of the Flexibilia (Echinodermata). 2017 , 60, 893-910	24
1235	Phylogenomics of Andropogoneae (Panicoideae: Poaceae) of Mainland Southeast Asia. 2017 , 42, 418-431	21
1234	Allotetraploid cryptic species in <i>Asplenium normale</i> in the Japanese Archipelago, detected by chemotaxonomic and multi-locus genotype approaches. 2017 , 104, 1390-1406	7
1233	Tip-dated phylogeny of whirligig beetles reveals ancient lineage surviving on Madagascar. 2017 , 7, 8619	21
1232	Evolution of floral zygomorphy in androecium and corolla in Solanaceae. 2017 , 55, 581-590	4
1231	A biologist's guide to Bayesian phylogenetic analysis. 2017 , 1, 1446-1454	93
1230	Genomic insights into the ancient spread of Lyme disease across North America. 2017 , 1, 1569-1576	19
1229	Ecological niche comparison and molecular phylogeny segregate the invasive moss species (Leucobryaceae, Bryophyta) from its closest relatives. 2017 , 7, 8017-8031	11
1228	Comparison of different strategies for using fossil calibrations to generate the time prior in Bayesian molecular clock dating. 2017 , 114, 386-400	28
1227	Diversification and fruit evolution in eumalvoids (Malvaceae). 2017 , 184, 401-417	10
1226	Statistical hybrid detection and the inference of ancestral distribution areas in <i>Tolpis</i> (Asteraceae). 2017 , 121, 133-149	5
1225	The ancestral flower of angiosperms and its early diversification. 2017 , 8, 16047	153
1224	Do species of <i>Neacratus</i> with anchor-shaped sclerite of endophallus really belong to <i>Neacratus</i> (Coleoptera: Brentidae: Acratini)? 2017 , 53, 256-279	2
1223	Species delimitation with gene flow: A methodological comparison and population genomics approach to elucidate cryptic species boundaries in Malaysian Torrent Frogs. 2017 , 26, 5435-5450	35
1222	The early Cambrian fossil embryo is a direct-developing cnidarian, not an early ecdysozoan. 2017 , 284,	10

1221	Vertebrate body size jumps the Wright way. 2017 , 114, 13068-13070	3
1220	The Utility of Single-Copy Nuclear Genes for Phylogenetic Resolution of <i>AcerandDipteronia</i> (Acereae, Sapindaceae). 2017 , 54, 209-222	9
1219	The latitudinal diversity gradient in New World swallowtail butterflies is caused by contrasting patterns of out-of- and into-the-tropics dispersal. 2017 , 26, 1447-1458	14
1218	The Utility of Single Nucleotide Polymorphism (SNP) Data in Phylogenetics. 2017 , 48, 69-84	86
1217	A new rhynchocephalian (Reptilia: Lepidosauria) from the Late Jurassic of Solnhofen (Germany) and the origin of the marine Pleurosauridae. 2017 , 4, 170570	12
1216	Testing hypotheses on suprageneric relationships and morphological evolution in the Leucobryaceae (Bryophyta). 2017 , 303, 1383-1397	9
1215	Molecular phylogenetics of annual <i>Astragalus</i> (Fabaceae) and its systematic implications. 2017 , 184, 347-365	11
1214	Metamorphosis Is Ancestral for Crown Euarthropods, and Evolved in the Cambrian or Earlier. 2017 , 57, 499-509	19
1213	Plastid genome structure and phylogenomics of Nymphaeales: conserved gene order and new insights into relationships. 2017 , 303, 1251-1270	16
1212	TreeToReads - a pipeline for simulating raw reads from phylogenies. 2017 , 18, 178	11
1211	<i>Eobowenia</i> gen. nov. from the Early Cretaceous of Patagonia: indication for an early divergence of <i>Bowenia</i> ?. 2017 , 17, 97	16
1210	Phylogenetic analysis of the Australasian paralysis ticks and their relatives (Ixodidae: Ixodes: <i>Sternalixodes</i>). 2017 , 10, 122	13
1209	The life and adventures of an eight-legged castaway: Colonization and diversification of <i>Philisca</i> ghost spiders on Robinson Crusoe Island (Araneae, Anyphaenidae). 2017 , 107, 132-141	9
1208	A complete molecular phylogeny of <i>Claravis</i> confirms its paraphyly within small New World ground-doves (Aves: Peristerinae) and implies multiple plumage state transitions. 2017 , 48, 459-464	3
1207	Evolution of cave suspension feeding in Protodrilidae (Annelida). 2017 , 46, 214-226	20
1206	Phylogeny of Myrmeleontiformia based on larval morphology (Neuropterida: Neuroptera). 2017 , 42, 94-117	43
1205	Phylogeny of <i>Paussus</i> L. (Carabidae: Paussinae): unravelling morphological convergence associated with myrmecophilous life histories. 2017 , 42, 134-170	10
1204	Phylogenetic Systematics of Peccaries (Tayassuidae: Artiodactyla) and a Classification of South American Tayassuids. 2017 , 24, 345-358	20

1203	Phylogeny of Helieae (Gentianaceae): Resolving taxonomic chaos in a Neotropical clade. 2017 , 106, 192-208	10
1202	Phylogenetic relationships of the largest lungless tetrapod (Gymnophiona, Atretochoana) and the evolution of lunglessness in caecilians. 2017 , 46, 255-263	3
1201	Genomic Differentiation and Demographic Histories of Atlantic and Indo-Pacific Yellowfin Tuna (Thunnus albacares) Populations. 2017 , 9, 1084-1098	23
1200	Towards a complete generic-level plastid phylogeny of the paleotropical woody bamboos (Poaceae: Bambusoideae). 2017 , 66, 539-553	16
1199	Unique photosynthetic phenotypes in Portulaca (Portulacaceae): C3-C4 intermediates and NAD-ME C4 species with Pilosoid-type Kranz anatomy. 2017 , 68, 225-239	13
1198	Robust Phylogeny of (Vitaceae) Based on Ten Plastid DNA Regions: Implications for Infrageneric Classification and Seed Character Evolution. 2017 , 8, 590	14
1197	Cleonini (Coleoptera: Curculionidae: Lixinae) are monophyletic and flightless: tribe overview, rampant adult homoplasy and illustrated global diversity. 2017 , 4329, 1-63	6
1196	The Locus in Anginosus Group: Interspecies Competition and a Hotspot of Genetic Diversity. 2016 , 7, 2156	8
1195	Where Fossils Dare and Males Matter: combined morphological and molecular analysis untangles the evolutionary history of the spider ant genus Leptomyrmex Mayr (Hymenoptera : Dolichoderinae). 2017 , 31, 765	6
1194	The Namib-Thar Desert Disjunction in Dactyliandra (Cucurbitaceae) is the Result of a Recent Introduction to India. 2017 , 42, 63-72	1
1193	Craniodental and humeral morphology of a new species of Masrasector (Teratodontinae, Hyaenodonta, Placentalia) from the late Eocene of Egypt and locomotor diversity in hyaenodonts. 2017 , 12, e0173527	11
1192	Skeleton of an unusual, cat-sized marsupial relative (Metatheria: Marsupialiformes) from the middle Eocene (Lutetian: 44-43 million years ago) of Turkey. 2017 , 12, e0181712	9
1191	Patterns and processes of Mycobacterium bovis evolution revealed by phylogenomic analyses. 2017 ,	13
1190	Total evidence phylogeny and evolutionary timescale for Australian faunivorous marsupials (Dasyuromorphia). 2017 , 17, 240	31
1189	Improvement of phylogenetic method to analyze compositional heterogeneity. 2017 , 11, 79	0
1188	Mandibulate convergence in an armoured Cambrian stem chelicerate. 2017 , 17, 261	26
1187	World reclassification of the Cardiophorinae (Coleoptera, Elateridae), based on phylogenetic analyses of morphological characters. 2017 , 1-130	11
1186	Isoniazid resistance levels of Mycobacterium tuberculosis can largely be predicted by high-confidence resistance-conferring mutations. 2018 , 8, 3246	51

1185	Phylogeny and Taxonomy of Flatheads, Scorpionfishes, Sea Robins, and Stonefishes (Percomorpha: Scorpaeniformes) and the Evolution of the Lachrymal Saber. 2018 , 106, 94-119	23
1184	Diversification patterns of the grasshopper genus <i>Zoniopoda</i> Stål (Romaleidae, Acridoidea, Orthoptera) in open vegetation biomes of South America. 2018 , 43, 290-307	5
1183	Genotyping-by-sequencing reveals the origin of the Tunisian relatives of cultivated carrot (<i>Daucus carota</i>). 2018 , 65, 1359-1368	8
1182	Macroevolutionary Patterns of Flowering Plant Speciation and Extinction. 2018 , 69, 685-706	40
1181	Multiple origins and strong phenotypic convergence in fish-cleaning palaemonid shrimp lineages. 2018 , 124, 71-81	15
1180	Dome-headed, small-brained island mammal from the Late Cretaceous of Romania. 2018 , 115, 4857-4862	23
1179	Empirical realism of simulated data is more important than the model used to generate it: a reply to Goloboff et al.. 2018 , 61, 631-635	22
1178	Evolutionary diversification of the African achyranthoid clade (Amaranthaceae) in the context of sterile flower evolution and epizoochory. 2018 , 122, 69-85	8
1177	Rethinking phylogenetic comparative methods. <i>Systematic Biology</i> , 2018 , 67, 1091-1109	8.4 112
1176	Is the fossil rat-kangaroo <i>Palaeopotorous priscus</i> the most basally branching stem macropodiform?. 2018 , 38, e1428196	5
1175	Functional biogeography of angiosperms: life at the extremes. 2018 , 218, 1697-1709	34
1174	Parsimony and model-based phylogenetic methods for morphological data: comments on O'Reilly et al.. 2018 , 61, 625-630	49
1173	Measuring inferential importance of taxa using taxon influence indices. 2018 , 8, 4484-4494	3
1172	Taxonomic reassessment of <i>Clevosaurus latidens</i> Fraser, 1993 (Lepidosauria, Rhynchocephalia) and rhynchocephalian phylogeny based on parsimony and Bayesian inference. 2018 , 92, 734-742	14
1171	Genome-wide comparisons reveal evidence for a species complex in the black-lip pearl oyster <i>Pinctada margaritifera</i> (Bivalvia: Pteriidae). 2018 , 8, 191	4
1170	Conceptual and statistical problems with the DEC+J model of founder-event speciation and its comparison with DEC via model selection. 2018 , 45, 741-749	293
1169	Origin of spiders and their spinning organs illuminated by mid-Cretaceous amber fossils. 2018 , 2, 623-627	27
1168	Genomic Analyses Yield Markers for Identifying Agronomically Important Genes in Potato. 2018 , 11, 473-484	43

1167	Comparative morphology, phylogeny and classification of African seasonal killifishes of the tribe Nothobranchiini (Cyprinodontiformes: Aplocheilidae). 2018 , 184, 115-135		5
1166	New Egyptian sauropod reveals Late Cretaceous dinosaur dispersal between Europe and Africa. 2018 , 2, 445-451		32
1165	Comparing evolutionary rates between trees, clades and traits. 2018 , 9, 994-1005		11
1164	A new stem group echinoid from the Triassic of China leads to a revised macroevolutionary history of echinoids during the end-Permian mass extinction. 2018 , 5, 171548		9
1163	Large-scale phylogenomic analysis resolves a backbone phylogeny in ferns. 2018 , 7, 1-11		47
1162	Aridification as a driver of biodiversity: a case study for the cycad genus <i>Dioon</i> (Zamiaceae). 2018 , 121, 47-60		22
1161	Phylogenetic Relationships among Fishes in the Order Zeiformes Based on Molecular and Morphological Data. 2018 , 106, 20-48		8
1160	On defining a unique phylogenetic tree with homoplastic characters. 2018 , 122, 95-101		5
1159	Testing the Role of the Red Queen and Court Jester as Drivers of the Macroevolution of Apollo Butterflies. <i>Systematic Biology</i> , 2018 , 67, 940-964	8.4	39
1158	Combining morphology and molecular data to improve <i>Drosophila paulistorum</i> (Diptera, Drosophilidae) taxonomic status. 2018 , 12, 81-94		2
1157	Systematics and evolution of ground spiders revisited (Araneae, Dionycha, Gnaphosidae). 2018 , 34, 579-626		14
1156	Phylogenomics. 2018 , 1704, 103-187		12
1155	Chemistry of the subtribe Espeletiinae (Asteraceae) and its correlation with phylogenetic data: an in silico chemosystematic approach. 2018 , 186, 18-46		6
1154	Use of Continuous Traits Can Improve Morphological Phylogenetics. <i>Systematic Biology</i> , 2018 , 67, 328-339	8.4	33
1153	A biogeographic and ecological perspective to the evolution of reproductive behaviour in the family Salamandridae. 2018 , 121, 98-109		14
1152	A new, large-bodied omnivorous bat (Noctilionoidea: Mystacinidae) reveals lost morphological and ecological diversity since the Miocene in New Zealand. 2018 , 8, 235		15
1151	The Efficacy of Consensus Tree Methods for Summarizing Phylogenetic Relationships from a Posterior Sample of Trees Estimated from Morphological Data. <i>Systematic Biology</i> , 2018 , 67, 354-362	8.4	26
1150	Evidence for Allopolyploid Speciation in <i>Nymphoides</i> (Menyanthaceae). 2018 , 43, 117-129		7

1149	Molecular phylogenetics supports the origin of an endemic Balearic shrew lineage (Nesiotites) coincident with the Messinian Salinity Crisis. 2018 , 125, 188-195	6
1148	Palaeocentroscomnus (Chondrichthyes: Somniosidae), a new sleeper shark genus from Miocene deposits of Austria (Europe). 2018 , 92, 443-456	7
1147	Systematics and biogeography of Spinoctenus, a new genus of wandering spider from Colombia (Ctenidae). 2018 , 32, 111	6
1146	Phylogenetic systematics, morphological evolution, and natural groups in neotropical Phlegmariurus (Lycopodiaceae). 2018 , 125, 1-13	11
1145	Hip joint articular soft tissues of non-dinosaurian Dinosauromorpha and early Dinosauria: evolutionary and biomechanical implications for Saurischia. 2018 , 38, e1427593	21
1144	The Microtus voles: Resolving the phylogeny of one of the most speciose mammalian genera using genomics. 2018 , 125, 85-92	17
1143	Diversification Patterns of Lanternfishes Reveal Multiple Rate Shifts in a Critical Mesopelagic Clade Targeted for Human Exploitation. 2018 , 28, 933-940.e4	8
1142	A new stem bythinine in Cretaceous Burmese amber and early evolution of specialized predatory behaviour in pselaphine rove beetles (Coleoptera: Staphylinidae). 2018 , 16, 531-541	10
1141	Two new early balognathid conodont genera from the Ordovician of Oman and comments on the early evolution of prionodontid conodonts. 2018 , 16, 571-593	7
1140	Taxonomy and phylogeny of Lineus torquatus and allies (Nemertea, Lineidae) with descriptions of a new genus and a new cryptic species. 2018 , 16, 55-68	15
1139	Combined Analysis of Extant Rhynchonellida (Brachiopoda) using Morphological and Molecular Data. <i>Systematic Biology</i> , 2018 , 67, 32-48	8.4 12
1138	A new otter of giant size, Siamogale melilutra sp. nov. (Lutrinae: Mustelidae: Carnivora), from the latest Miocene Shuitangba site in north-eastern Yunnan, south-western China, and a total-evidence phylogeny of lutrines. 2018 , 16, 39-65	12
1137	Morphological characterization of infra-generic lineages in Deparia (Athyraceae: Polypodiales). 2018 , 34, 78-92	5
1136	Redescription of the skull of Trionyx kyrgyzensis and improved phylogenetic taxon sampling of Cretaceous and Palaeogene soft-shelled turtles (Trionychidae) of Asia, including the oldest crown trionychids. 2018 , 16, 199-211	8
1135	Phylogeny of the hyper-diverse rove beetle subtribe Philonthina with implications for classification of the tribe Staphylinini (Coleoptera: Staphylinidae). 2018 , 34, 1-40	25
1134	Phylogeny, host association and biogeographical patterns in the diverse millipede-parasitoid genus Myriophora Brown (Diptera: Phoridae). 2018 , 34, 93-112	3
1133	Phylogeny and systematics of Aphroditiformia. 2018 , 34, 225-259	27
1132	Weighted parsimony outperforms other methods of phylogenetic inference under models appropriate for morphology. 2018 , 34, 407-437	162

1131	Phylogenetic analyses with four new Cretaceous bristletails reveal inter-relationships of Archaeognatha and Gondwana origin of Meinertellidae. 2018 , 34, 384-406	17
1130	A General Model for Estimating Macroevolutionary Landscapes. <i>Systematic Biology</i> , 2018 , 67, 304-319	8.4 23
1129	Know your farmer: Ancient origins and multiple independent domestications of ambrosia beetle fungal cultivars. 2018 , 27, 2077-2094	48
1128	A total-evidence phylogeny of the lady fern genus <i>Athyrium</i> Roth (Athyriaceae) with a new infrageneric classification. 2018 , 119, 25-36	10
1127	Probabilistic methods surpass parsimony when assessing clade support in phylogenetic analyses of discrete morphological data. 2018 , 61, 105-118	41
1126	Phylogeny, biogeography and character evolution in the tribe Desmodieae (Fabaceae: Papilionoideae), with special emphasis on the New Caledonian endemic genera. 2018 , 118, 108-121	10
1125	Microbial sequence typing in the genomic era. 2018 , 63, 346-359	31
1124	Towards resolving the evolutionary history of Caucasian pears (<i>Pyrus</i> , Rosaceae) Phylogenetic relationships, divergence times and leaf trait evolution. 2018 , 56, 35-47	14
1123	Focusing the diversity of through the lens of ecotypes. 2018 , 11, 312-324	23
1122	Dispersal in the Ordovician: Speciation patterns and paleobiogeographic analyses of brachiopods and trilobites. 2018 , 489, 147-165	25
1121	Phylogenetic analysis and revision of subfamily classification of Belostomatidae genera (Insecta: Heteroptera: Nepomorpha). 2018 , 182, 319-359	16
1120	Phylogeny of the rove beetle tribe Gymnusini sensu n. (Coleoptera: Staphylinidae: Aleocharinae): implications for the early branching events of the subfamily. 2018 , 43, 183-199	16
1119	The origin and evolution of coral species richness in a marine biodiversity hotspot. 2018 , 72, 288-302	25
1118	Bayesian molecular dating: opening up the black box. 2018 , 93, 1165-1191	83
1117	A phylogenetic study of the worldwide tribe Cassidini Gyllenhal, 1813 (Coleoptera: Chrysomelidae: Cassidinae) based on morphological data. 2018 , 43, 372-386	2
1116	Why are there so many sedges? Sumatrosirpeae, a missing piece in the evolutionary puzzle of the giant genus <i>Carex</i> (Cyperaceae). 2018 , 119, 93-104	21
1115	A new family of neotropical freshwater fishes from deep fossorial Amazonian habitat, with a reappraisal of morphological characiform phylogeny (Teleostei: Ostariophysii). 2018 , 182, 76-106	16
1114	The Molecular Phylogeny of the New Zealand Endemic Genus <i>Hadramphus</i> and the Revival of the Genus <i>Karocolens</i> . 2018 , 10, 88	0

1113	Improvements in the fossil record may largely resolve current conflicts between morphological and molecular estimates of mammal phylogeny. 2018 , 285, 20181632		11
1112	Morphology of the mandibles and the first maxillae in the family Lithobiidae (Myriapoda, Chilopoda), with remarks on their phylogenetic significance. 2018 , 279, 1798-1826		3
1111	New remains of <i>Condorchelys antiqua</i> (Testudinata) from the Early-Middle Jurassic of Patagonia: anatomy, phylogeny, and paedomorphosis in the early evolution of turtles. 2018 , 38, (1)-(17)		7
1110	A general theory of genital homologies for the Hexapoda (Pancrustacea) derived from skeletomuscular correspondences, with emphasis on the Endopterygota. 2018 , 47, 563-613		22
1109	Morphological Data Sets Fit a Common Mechanism Much More Poorly than DNA Sequences and Call Into Question the Mkv Model. <i>Systematic Biology</i> , 2019 , 68, 494-504	8.4	33
1108	Whole-genome sequencing of 175 Mongolians uncovers population-specific genetic architecture and gene flow throughout North and East Asia. 2018 , 50, 1696-1704		27
1107	Australasian orchid diversification in time and space: molecular phylogenetic insights from the beard orchids (<i>Calochilus</i> , Diurideae). 2018 ,		1
1106	Dynamic biogeographic models and dinosaur origins. 2018 , 109, 325-332		5
1105	Hibernation in bats (Mammalia: Chiroptera) did not evolve through positive selection of leptin. 2018 , 8, 12576-12596		4
1104	Transpacific coalescent pathways of coconut rhinoceros beetle biotypes: Resistance to biological control catalyses resurgence of an old pest. 2018 , 27, 4459-4474		18
1103	Why are red flowers so rare? Testing the macroevolutionary causes of tippiness. 2018 , 31, 1863-1875		4
1102	Phylogenetic analysis reveals high local endemism and clear biogeographic breaks in southern African stoneflies (Notonemouridae, Plecoptera). 2018 , 4483, 428-454		4
1101	Emergence and early radiation of cyrtocrinids, with new species from a Lower to Middle Jurassic rock reef of Feugueroles (Normandy, France). 2018 , 137, 133-158		8
1100	Three tree priors and five datasets. 2018 , 8, 182-218		8
1099	Genome-wide markers reveal a complex evolutionary history involving divergence and introgression in the Abert's squirrel (<i>Sciurus aberti</i>) species group. 2018 , 18, 139		3
1098	Hyaloliths with pedicles illuminate the origin of the brachiopod body plan. 2018 , 285,		21
1097	Evolution of Angiosperm Pollen. 6. The Celastrales, Oxalidales, and Malpighiales (Com) Clade and Zygophyllales. 2018 , 103, 393-442		6
1096	Evaluation of phylogenetic reconstruction methods using bacterial whole genomes: a simulation based study. 2018 , 3, 33		28

1095	Molecular phylogeny and cryptic morphology reveal a new genus of West Indian woody bamboo (Poaceae: Bambusoideae: Bambuseae) hidden by convergent character evolution. 2018 , 67, 916-930	15
1094	Climatic Changes and Orogeneses in the Late Miocene of Eurasia: The Main Triggers of an Expansion at a Continental Scale?. 2018 , 9, 1400	6
1093	Diversification of <i>Cerastium sylvaticum</i> and <i>C. subtriflorum</i> on the margin of the south-eastern Alps. 2018 , 304, 1101-1115	4
1092	Stepwise evolution of floral pigmentation predicted by biochemical pathway structure. 2018 , 72, 2792-2802	7
1091	Noise and biases in genomic data may underlie radically different hypotheses for the position of <i>Iguania</i> within Squamata. 2018 , 13, e0202729	18
1090	Phylogeny and taxonomic revision of <i>Deronectina</i> Galewski, 1994 (Coleoptera: Dytiscidae: Hydroporinae: Hydroporini). 2018 , 4474, 1-104	4
1089	Phylogeny of Evanioidea (Hymenoptera, Apocrita), with descriptions of new Mesozoic species from China and Myanmar. 2018 , 43, 810-842	20
1088	Order-level fern plastome phylogenomics: new insights from Hymenophyllales. 2018 , 105, 1545-1555	19
1087	Phylogenetic analysis reveals the origins of tetraploid and hexaploid species in the Japanese <i>Lepisorus thunbergianus</i> (Polypodiaceae) complex. 2018 , 131, 945-959	7
1086	Distinguishing Between Convergent Evolution and Violation of the Molecular Clock for Three Taxa. <i>Systematic Biology</i> , 2018 , 67, 905-915	8.4 2
1085	Phylogenomics resolves evolutionary relationships and provides insights into floral evolution in the tribe Shoreeae (Dipterocarpaceae). 2018 , 127, 1-13	18
1084	Integrative systematic revision of a Mediterranean earthworm family: Hormogastridae (Annelida, Oligochaeta). 2018 , 32, 652	10
1083	Late-surviving stem mammal links the lowermost Cretaceous of North America and Gondwana. 2018 , 558, 108-112	47
1082	Inter- and intraspecific hypervariability in interstitial telomeric-like repeats (TTTAGGG) _n in <i>Anacyclus</i> (Asteraceae). 2018 , 122, 387-395	12
1081	The origin of squamates revealed by a Middle Triassic lizard from the Italian Alps. 2018 , 557, 706-709	93
1080	A new leaf-litter harvestman species of the genus <i>Karos</i> (Opiliones: Stygnopsidae: Karosinae), with a reanalysis of the morphological phylogeny of the genus. 2018 , 4378, 533-548	2
1079	The evolutionary history of dogs in the Americas. 2018 , 361, 81-85	73
1078	Next-generation museum genomics: Phylogenetic relationships among palpimanoid spiders using sequence capture techniques (Araneae: Palpimanoidea). 2018 , 127, 907-918	44

1077	Neurocranial anatomy of an enigmatic Early Devonian fish sheds light on early osteichthyan evolution. 2018 , 7,	16
1076	Diversification across biomes in a continental lizard radiation. 2018 , 72, 1553	12
1075	Comparative evaluation of maximum parsimony and Bayesian phylogenetic reconstruction using empirical morphological data. 2018 , 31, 1477-1484	34
1074	From tree tops to the ground: Reversals to terrestrial habit in Galeandra orchids (Epidendroideae: Catasetinae). 2018 , 127, 952-960	13
1073	Experimental signal dissection and method sensitivity analyses reaffirm the potential of fossils and morphology in the resolution of the relationship of angiosperms and Gnetales. 2018 , 44, 490-510	16
1072	The role of progenesis in the diversification of the interstitial annelid lineage Psammodrilidae. 2018 , 32, 774	11
1071	The firefly genus <i>Pteroptyx</i> Olivier revisited (Coleoptera: Lampyridae: Luciolinae). 2018 , 4456, 1-71	16
1070	A North American stem turaco, and the complex biogeographic history of modern birds. 2018 , 18, 102	16
1069	Organ Homologies and Perianth Evolution in the Alliance (Annonaceae): Inner Petal Loss and Its Functional Consequences. 2018 , 9, 174	3
1068	Diversification of inflorescence types in <i>Portulaca</i> (Portulacaceae) and its systematic implications. 2018 , 358, 189	2
1067	Phylogeny and evolution of the genus <i>Ctenocolum</i> Kingsolver & Whitehead (Coleoptera, Chrysomelidae, Bruchinae), with the description of three new species. 2018 , 50, 1-35	1
1066	Phylogenetic relationships of living and fossil African papionins: Combined evidence from morphology and molecules. 2018 , 123, 35-51	12
1065	Of teeth and trees: A fossil tip-dating approach to infer divergence times of extinct and extant squaliform sharks. 2018 , 47, 539-557	8
1064	<i>Aedes aegypti</i> in the Black Sea: recent introduction or ancient remnant?. 2018 , 11, 396	25
1063	The Evolution of Tarsal Adhesive Microstructures in Stick and Leaf Insects (Phasmatodea). 2018 , 6,	35
1062	GET_PHYLOMARKERS, a Software Package to Select Optimal Orthologous Clusters for Phylogenomics and Inferring Pan-Genome Phylogenies, Used for a Critical Geno-Taxonomic Revision of the Genus. 2018 , 9, 771	57
1061	Graphs in phylogenetic comparative analysis: Anscombe's quartet revisited. 2018 , 9, 2145-2154	5
1060	Detecting introgression despite phylogenetic uncertainty: The case of the South American siskins. 2018 , 27, 4350-4367	11

1059	Bayesian placement of fossils on phylogenies using quantitative morphometric data. 2018 , 72, 1801-1814	24
1058	Population structure of a vector of human diseases: in its ancestral range, Africa. 2018 , 8, 7835-7848	30
1057	Combining complete chloroplast genome sequences with target loci data and morphology to resolve species limits in <i>Triplostegia</i> (Caprifoliaceae). 2018 , 129, 15-26	21
1056	Evolutionary trends in <i>Tetrastigma</i> (Vitaceae): Morphological diversity and taxonomic implications. 2018 , 56, 360-373	10
1055	The phylogeny of francolins (<i>Francolinus</i> , <i>Dendroperdix</i> , <i>Peliperdix</i> and <i>Scleroptila</i>) and spurfowls (<i>Pternistis</i>) based on chick plumage (Galliformes: Phasianidae). 2018 , 9,	3
1054	Nectar protection in arid-adapted flowers of <i>Zygophyllaceae-Zygophylloideae</i> . 2018 , 34, 37-50	3
1053	New middle Eocene omomyines (Primates, Haplorhini) from San Diego County, California. 2018 , 124, 7-24	2
1052	Beetle Pollination of Cycads in the Mesozoic. 2018 , 28, 2806-2812.e1	42
1051	Incorporating fossils into the Pinaceae tree of life. 2018 , 105, 1329-1344	12
1050	Population genomics of <i>Fusarium graminearum</i> reveals signatures of divergent evolution within a major cereal pathogen. 2018 , 13, e0194616	40
1049	Systematics, phylogeny and biogeography of the Australasian leaf-curling orb-weaving spiders (Araneae: Araneidae: Zygellinae), with a comparative analysis of retreat evolution. 2018 ,	6
1048	A high-quality genome sequence of <i>Rosa chinensis</i> to elucidate ornamental traits. 2018 , 4, 473-484	134
1047	Testing the impact of morphological rate heterogeneity on ancestral state reconstruction of five floral traits in angiosperms. 2018 , 8, 9473	11
1046	Estimating TimeTrees with MEGA and the TimeTree Resource. 2018 , 35, 2334-2342	38
1045	Parsimony, not Bayesian analysis, recovers more stratigraphically congruent phylogenetic trees. 2018 , 14,	31
1044	Preferential retention of genes from one parental genome after polyploidy illustrates the nature and scope of the genomic conflicts induced by hybridization. 2018 , 14, e1007267	34
1043	Walcott, a mandibulate arthropod from the middle Cambrian Burgess Shale. 2018 , 5, 172206	36
1042	A new fossil marine lizard with soft tissues from the Late Cretaceous of southern Italy. 2018 , 5, 172411	12

1041	How to achieve internal fertilization without a vagina: the study case of the genus <i>Archilina</i> Ax, 1959 (Platyhelminthes, Proseriata) from Canary Islands. 2019 , 49, 2057-2073	6
1040	The phylogeny of Coleopterida (Hexapoda) [morphological characters and molecular phylogenies. 2019 , 44, 75-102	19
1039	Biogeography of the freshwater fishes of the Guianas using a partitioned parsimony analysis of endemism with reappraisal of ecoregional boundaries. 2019 , 35, 106-124	9
1038	Probabilistic methods outperform parsimony in the phylogenetic analysis of data simulated without a probabilistic model. 2019 , 62, 1-17	27
1037	Male morphotypes and alternative mating tactics in freshwater prawns of the genus <i>Macrobrachium</i> : a review. 2019 , 11, 925-940	13
1036	Phylogeny and evolution of the cryptic fungus-farming ant genus <i>Myrmicocrypta</i> F. Smith (Hymenoptera: Formicidae) inferred from multilocus data. 2019 , 44, 139-162	5
1035	Straight From the Plastome: Molecular Phylogeny and Morphological Evolution of (Bambusoideae: Poaceae). 2019 , 10, 981	5
1034	A New Clevosaurid from the Triassic (Carnian) of Brazil and the Rise of Sphenodontians in Gondwana. 2019 , 9, 11821	20
1033	Cranial endocast of a stem platyrrhine primate and ancestral brain conditions in anthropoids. 2019 , 5, eaav7913	15
1032	A new hurdiid radiodont from the Burgess Shale evinces the exploitation of Cambrian infaunal food sources. 2019 , 286, 20191079	18
1031	Molecular and morphological data reveal three new tribes within the Scirpo-Caricoid Clade (Cyperoideae, Cyperaceae). 2019 , 68, 218-245	8
1030	Jaw elements in <i>Plumulites bengtsoni</i> confirm that machaeridians are extinct armoured scaleworms. 2019 , 286, 20191247	7
1029	Redescription of <i>Macurdablastus</i> and redefinition of Eublastoidea as a clade of Blastoidea (Echinodermata). 2019 , 62, 1003-1013	4
1028	A Systematist's Guide to Estimating Bayesian Phylogenies From Morphological Data. 2019 , 3, 2	15
1027	Congruence, fossils and the evolutionary tree of rodents and lagomorphs. 2019 , 6, 190387	30
1026	Genomic epidemiology of syphilis reveals independent emergence of macrolide resistance across multiple circulating lineages. 2019 , 10, 3255	31
1025	Bayesian tip dating reveals heterogeneous morphological clocks in Mesozoic birds. 2019 , 6, 182062	13
1024	Freshwater-to-marine transitions may explain the evolution of herbivory in the subgenus <i>Mollienesia</i> (genus <i>Poecilia</i> , mollies and guppies). 2019 , 127, 742-761	2

1023	A phylogenetic and biogeographic study of <i>Rafflesia</i> (Rafflesiaceae) in the Philippines: Limited dispersal and high island endemism. 2019 , 139, 106555		7
1022	Intraspecific genetic divergence within <i>Helianthus niveus</i> and the status of two new morphotypes from Mexico. 2019 , 106, 1229-1239		3
1021	Phylogenetic analysis provides insights into the evolution of Asian fireflies and adult bioluminescence. 2019 , 140, 106600		12
1020	Does breeding system affect pollen morphology? A case study in Zygophylloideae (Zygophyllaceae). 2019 , 32, 381-390		
1019	Integration of Anatomy Ontologies and Evo-Devo Using Structured Markov Models Suggests a New Framework for Modeling Discrete Phenotypic Traits. <i>Systematic Biology</i> , 2019 , 68, 698-716	8.4	24
1018	Evolutionary Models for the Diversification of Placental Mammals Across the KPg Boundary. 2019 , 10, 1241		20
1017	Phylogeny, systematics, and evolution of hypsodonty in the Aplodontiinae (Mammalia, Rodentia, Aplodontiidae), with the description of several new species. 2019 , 39, e1668401		1
1016	Phylogenetic revision of Gymnotidae (Teleostei: Gymnotiformes), with descriptions of six subgenera. 2019 , 14, e0224599		7
1015	Origin of horsetails and the role of whole-genome duplication in plant macroevolution. 2019 , 286, 20191662		11
1014	Congruence of morphological and molecular phylogenies of the rove beetle subfamily Staphylininae (Coleoptera: Staphylinidae). 2019 , 9, 15137		6
1013	A relictual troglomorphic harvestman discovered in a volcanic cave of western Argentina: <i>Otilioleptes marcelae</i> , new genus, new species, and <i>Otilioleptidae</i> , new family (Arachnida, Opiliones, Gonyleptoidea). 2019 , 14, e0223828		4
1012	Integrating palaeontological and molecular data uncovers multiple ancient and recent dispersals in the pantropical Hamamelidaceae. 2019 , 46, 2622-2631		6
1011	<i>Hymenasplenium volubile</i> : documentation of its gametophytes and the first record of a hemiepiphyte in the Aspleniaceae. 2019 , 124, 829-835		8
1010	Origin and diversification of <i>Xanthomonas citri</i> subsp. <i>citri</i> pathotypes revealed by inclusive phylogenomic, dating, and biogeographic analyses. 2019 , 20, 700		13
1009	Ancestral reconstruction of protein interaction networks. 2019 , 15, e1007396		7
1008	Total-Evidence Framework Reveals Complex Morphological Evolution in Nightbirds (Strisores). 2019 , 11, 143		8
1007	Species Delimitation and Phylogeny of <i>Epithelantha</i> (Cactaceae). 2019 , 44, 600-615		6
1006	<i>Mutoviaspermum krassiloviigen. et sp. nov.</i> : A Peculiar Compound Ovuliferous Conifer Cone from the Lopingian (Late Permian) of European Russia (Vologda Region). 2019 , 180, 779-799		2

1005	Influence of the tree prior and sampling scale on Bayesian phylogenetic estimates of the origin times of language families. 2019 , 4, 108-123	5
1004	Emergence of hystricognathous rodents: Palaeogene fossil record, phylogeny, dental evolution and historical biogeography. 2019 , 187, 929-964	9
1003	A Tale of Two Setae: How Morphology and ITS2 Help Delimit a Cryptic Species Complex in Eulophidae (Hymenoptera: Chalcidoidea). 2019 , 3,	2
1002	Phylogeny and biogeography of the cleptoparasitic bee genus <i>Epeolus</i> (Hymenoptera: Apidae) and cophylogenetic analysis with its host bee genus <i>Colletes</i> (Hymenoptera: Colletidae). 2019 , 141, 106603	5
1001	A middle Cambrian arthropod with chelicerae and proto-book gills. 2019 , 573, 586-589	25
1000	Phylogenetic systematics of the driftwood catfishes (Siluriformes: Auchenipteridae): a combined morphological and molecular analysis. 2019 , 187, 661-773	7
999	and the early evolution of the annelid nervous system. 2019 , 5, eaax5858	12
998	<i>Micarea fennica</i> , a new lignicolous lichen species from Finland. 2019 , 409, 179-188	3
997	Morphological plasticity in a Fijian Seagrass: <i>Halophila ovalis</i> subsp. <i>bullosa</i> . 2019 , 32, 100809	4
996	The homologies and evolutionary reduction of the pelvis and hindlimbs in snakes, with the first report of ossified pelvic vestiges in an anomalepidid (<i>Liotyphlops beui</i>). 2019 ,	3
995	A multivariate phylogenetic comparative method incorporating a flexible function between discrete and continuous traits. 2019 , 33, 751-768	2
994	The Invariant Nature of a Morphological Character and Character State: Insights from Gene Regulatory Networks. <i>Systematic Biology</i> , 2020 , 69, 392-400	8.4 1
993	Phylogeny and Biogeography of Branchipolynoe (Polynoidae, Phyllodocida, Aciculata, Annelida), with Descriptions of Five New Species from Methane Seeps and Hydrothermal Vents. 2019 , 11, 153	7
992	Using phylogenetic comparative methods to gain insight into the evolution of social complexity. 2019 , 73, 1	2
991	Meiotic drive shapes rates of karyotype evolution in mammals. 2019 , 73, 511-523	17
990	Cloning of a gene-edited macaque monkey by somatic cell nuclear transfer. 2019 , 6, 101-108	36
989	The evolution of the axial skeleton intercentrum system in snakes revealed by new data from the Cretaceous snakes <i>Dinilysia</i> and <i>Najash</i> . 2019 , 9, 1276	5
988	New sharks and other chondrichthyans from the latest Maastrichtian (Late Cretaceous) of North America. 2019 , 93, 512-530	4

987	An emerging consensus in the evolution, phylogeny, and systematics of marsupials and their fossil relatives (Metatheria). 2019 , 100, 802-837	38
986	The herbivorous fish family Kyphosidae (Teleostei: Perciformes) represents a recent radiation from higher latitudes. 2019 , 46, 2067-2080	4
985	NGS-Indel Coder: A pipeline to code indel characters in phylogenomic data with an example of its application in milkweeds (Asclepias). 2019 , 139, 106534	3
984	Total-evidence approach reveals an extinct lineage of Paederinae rove beetles from Cretaceous Burmese amber. 2019 , 62, 935-949	7
983	Handbook of Evolutionary Research in Archaeology. 2019 ,	4
982	Contributions of Bayesian Phylogenetics to Exploring Patterns of Macroevolution in Archaeological Data. 2019 , 161-182	1
981	Unprecedented Parallel Photosynthetic Losses in a Heterotrophic Orchid Genus. 2019 , 36, 1884-1901	19
980	Phylogeny of the Echinoderes coulli-group (Kinorhyncha : Cyclorhagida : Echinoderidae) [a cosmopolitan species group trapped in the intertidal. 2019 ,	1
979	Comparative Analysis of the Two Multilocus Sequence Typing (MLST) Schemes. 2019 , 10, 930	47
978	Bedbugs Evolved before Their Bat Hosts and Did Not Co-speciate with Ancient Humans. 2019 , 29, 1847-1853.e42	42
977	Do latex and resin canals spur plant diversification? Re-examining a classic example of escape and radiate coevolution. 2019 , 107, 1606-1619	9
976	Unique evolution of vitamin A as an external pigment in tropical starlings. 2019 , 222,	2
975	Quantifying the extent of morphological homoplasy: A phylogenetic analysis of 490 characters in. 2019 , 3, 286-298	9
974	Exceptional preservation of mid-Cretaceous marine arthropods and the evolution of novel forms via heterochrony. 2019 , 5, eaav3875	21
973	Evolutionary history of burrowing asps (Lamprophiidae: Atractaspidinae) with emphasis on fang evolution and prey selection. 2019 , 14, e0214889	9
972	Multiple colonizations, hybridization and uneven diversification in Cyrtandra (Gesneriaceae) lineages on Hawai'i Island. 2019 , 46, 1178-1196	10
971	Diversity and skepticism are vital for comparative biology: a response to Donoghue and Edwards (2019). 2019 , 106, 613-617	7
970	A new scincid lizard from the Miocene of northern Australia, and the evolutionary history of social skinks (Scincidae: Egerniinae). 2019 , 39, e1577873	4

969	Phylogeny, ancestors, and anagenesis in the hominin fossil record. 2019 , 45, 378-393		6
968	Burgess Shale fossils shed light on the agnostid problem. 2019 , 286, 20182314		9
967	Sexual Dichromatism Drives Diversification within a Major Radiation of African Amphibians. <i>Systematic Biology</i> , 2019 , 68, 859-875	8.4	21
966	Between Spines and Molecules: A Total Evidence Phylogeny of the Brazilian Endemic Genus <i>Encholirium</i> (Pitcairnioideae, Bromeliaceae). 2019 , 44, 14-25		3
965	Local Diversification of Methicillin- Resistant ST239 in South America After Its Rapid Worldwide Dissemination. 2019 , 10, 82		13
964	Evolution of fossil and living spider flies based on morphological and molecular data (Diptera, Acroceridae). 2019 , 44, 820-841		4
963	On and off the rocks: persistence and ecological diversification in a tropical Australian lizard radiation. 2019 , 19, 81		5
962	Evolution of anatomical characters in <i>Acianthera</i> section <i>Pleurobotryae</i> (Orchidaceae: Pleurothallidinae). 2019 , 14, e0212677		4
961	A phylogenetic study of the <i>Thygater-Trichocerapis</i> group and new scopes for the subgenera of <i>Thygater</i> Holmberg, (Hymenoptera, Apidae). 2019 , 44, 728-744		
960	Molecular phylogeny of the ghost knifefishes (Gymnotiformes: Apterontidae). 2019 , 135, 297-307		6
959	Rapid morphological evolution in placental mammals post-dates the origin of the crown group. 2019 , 286, 20182418		18
958	Phylogeny of the plant bug subfamily <i>Mirinae</i> (Hemiptera: Heteroptera: Cimicomorpha: Miridae) based on total evidence analysis. 2019 , 44, 686-698		8
957	New fossil data and phylogenetic inferences shed light on the morphological disparity of Mesozoic <i>Sinoalidae</i> (Hemiptera, Cicadomorpha). 2019 , 19, 287-302		18
956	Bayesian Estimation of Species Divergence Times Using Correlated Quantitative Characters. <i>Systematic Biology</i> , 2019 , 68, 967-986	8.4	16
955	Bayesian and parsimony approaches reconstruct informative trees from simulated morphological datasets. 2019 , 15, 20180632		35
954	Likelihood approximations of implied weights parsimony can be selected over the Mk model by the Akaike information criterion. 2019 , 35, 695-716		13
953	Restriction-site associated DNA sequencing supports a sister group relationship of <i>Nigritella</i> and <i>Gymnadenia</i> (Orchidaceae). 2019 , 136, 21-28		15
952	Primitive Old World monkey from the earliest Miocene of Kenya and the evolution of cercopithecoid bilophodonty. 2019 , 116, 6051-6056		9

951	Three new naraoiid species from the Burgess Shale, with a morphometric and phylogenetic reinvestigation of Naraoiidae. 2019 , 62, 19-50	16
950	The history, genome and biology of NCTC 30: a non-pandemic <i>Vibrio cholerae</i> isolate from World War One. 2019 , 286, 20182025	8
949	BEAST 2.5: An advanced software platform for Bayesian evolutionary analysis. 2019 , 15, e1006650	1014
948	Detection of Quantitative Trait Loci From Genome-Wide Association Studies. 2019 , 40, 287-353	
947	Phylogeny of a new gigantic paravian (Theropoda; Coelurosauria; Maniraptora) from the Upper Cretaceous of James Ross Island, Antarctica. 2019 , 101, 1-16	6
946	High quality reference genomes for toxigenic and non-toxigenic <i>Vibrio cholerae</i> serogroup O139. 2019 , 9, 5865	7
945	A new ophiocistioid with soft-tissue preservation from the Silurian Herefordshire Lagerstätte, and the evolution of the holothurian body plan. 2019 , 286, 20182792	9
944	New genera and species from the Equatorial Pacific provide phylogenetic insights into deep-sea Polynoidae (Annelida). 2019 , 185, 555-635	16
943	Phylogenetic relationships and biogeography of the Ipsiura cuckoo wasps (Hymenoptera: Chrysididae). 2019 , 44, 192-210	1
942	Phylogenomics using low-depth whole genome sequencing: A case study with the olive tribe. 2019 , 19, 877-892	22
941	Character Evolution and Recircumscription of the Northern Andean <i>Begonia</i> Section <i>Casparya</i> (Begoniaceae). 2019 , 44, 52-65	2
940	Illustrating phylogenetic placement of fossils using RoguePlots: An example from ichneumonid parasitoid wasps (Hymenoptera, Ichneumonidae) and an extensive morphological matrix. 2019 , 14, e0212942	11
939	The first species of <i>Cotithene</i> Voss (Coleoptera: Curculionidae: Curculioninae) from Amazonian Brazil, with notes on its role as a pollinator of <i>Evodianthus funifer</i> (Poit.) Lindm. (Cyclanthaceae). 2019 , 4576, zootaxa.4576.3.3	2
938	Phylogenetic relationships among species of <i>Barleria</i> (Acanthaceae, Lamiales): Molecular data reveal complex patterns of morphological evolution and support a revised classification. 2019 , 68, 92-111	9
937	Expanded character sampling underscores phylogenetic stability of <i>Ardipithecus ramidus</i> as a basal hominin. 2019 , 131, 28-39	16
936	Bilateral Jaw Elements in <i>Amiskwia sagittiformis</i> Bridge the Morphological Gap between Gnathiferans and Chaetognaths. 2019 , 29, 881-888.e1	13
935	<i>Dagon avendanoi</i> gen. and sp. nov., an Early Cenomanian Enchodontidae (Aulopiformes) fish from the El Chango quarry, Chiapas, southeastern Mexico. 2019 , 91, 272-284	10
934	On the probabilities of branch durations and stratigraphic gaps in phylogenies of fossil taxa when rates of diversification and sampling vary over time. 2019 , 45, 30-55	11

933	Systematics and biogeography of the subantarctic Leptusa (Coleoptera: Staphylinidae: Aleocharinae: Homalotini). 2019 , 17, 60-79	2
932	Characterization of Emetic and Diarrheal Strains From a 2016 Foodborne Outbreak Using Whole-Genome Sequencing: Addressing the Microbiological, Epidemiological, and Bioinformatic Challenges. 2019 , 10, 144	50
931	Molecular phylogenetic relationships among populations of Sagittaria aginashi Makino (Alismataceae) and endemic Chinese species. 2019 , 12, 106-114	1
930	Combining morphological and molecular data resolves the phylogeny of Squilloidea (Crustacea : Malacostraca). 2019 ,	3
929	Isolation by instability: Historical climate change shapes population structure and genomic divergence of treefrogs in the Neotropical Cerrado savanna. 2019 , 28, 1748-1764	17
928	A new African Titanosaurian Sauropod Dinosaur from the middle Cretaceous Galula Formation (Mtuka Member), Rukwa Rift Basin, Southwestern Tanzania. 2019 , 14, e0211412	27
927	Reconstructing biogeographic temporal events in the evolution of the livebearer fish genus Jenynsia based on total evidence analysis (Cyprinodontiformes: Anablepidae). 2019 , 17, 124-133	6
926	Phylogenetic and Morphological Analyses Support the Resurrection of Dendroconche and the Recognition of Two New Genera in Polypodiaceae Subfamily Microsoroideae. 2019 , 44, 737-752	6
925	Multiple KPC Clones Contribute to an Extended Hospital Outbreak. 2019 , 10, 2767	15
924	New skulls and skeletons of the Cretaceous legged snake , and the evolution of the modern snake body plan. 2019 , 5, eaax5833	22
923	Exceptional preservation of comma shrimp from a mid-Cretaceous Lagerstätte of Colombia, and the origins of crown Cumacea. 2019 , 286, 20191863	5
922	Re-delimitation of Tinospora (Menispermaceae): Implications for character evolution and historical biogeography. 2019 , 68, 905-917	2
921	Repeated long-distance dispersal and convergent evolution in hazel. 2019 , 9, 16016	4
920	The Luciolinae of S. E. Asia and the Australopacific region: a revisionary checklist (Coleoptera: Lampyridae) including description of three new genera and 13 new species. 2019 , 4687, zootaxa.4687.1.1	17
919	Phylogeny, Macroevolutionary Trends and Historical Biogeography of Sloths: Insights From a Bayesian Morphological Clock Analysis. <i>Systematic Biology</i> , 2019 , 68, 204-218	8.4 26
918	Estimating divergence times and ancestral breeding systems in Ficus and Moraceae. 2019 , 123, 191-204	19
917	A re-interpretation of the ambulacral system of Eumorphocystis (Blastozoa, Echinodermata) and its bearing on the evolution of early crinoids. 2019 , 62, 163-173	6
916	Hidden European diversity: a new monotypic hoverfly genus (Diptera: Syrphidae: Eristalinae: Rhingiini). 2019 , 185, 1188-1211	2

915	Reconstructing the Evolution of Giant Extinct Kangaroos: Comparing the Utility of DNA, Morphology, and Total Evidence. <i>Systematic Biology</i> , 2019 , 68, 520-537	8.4	12
914	A new sinoalid froghopper in mid-Cretaceous Burmese amber, with inference of its phylogenetic position (Hemiptera, Cicadomorpha). 2019 , 95, 121-129		17
913	Phylogeny of Tricorythodes Ulmer (Leptoxyphidae: Ephemeroptera) based on molecular and morphological evidence. 2019 , 278, 38-45		2
912	Trans-lineage polymorphism and nonbifurcating diversification of the genus Picea. 2019 , 222, 576-587		17
911	Use and misuse of discrete character data for morphospace and disparity analyses. 2019 , 62, 305-319		18
910	An algorithm for Morphological Phylogenetic Analysis with Inapplicable Data. <i>Systematic Biology</i> , 2019 , 68, 619-631	8.4	37
909	Homoplasy-Based Partitioning Outperforms Alternatives in Bayesian Analysis of Discrete Morphological Data. <i>Systematic Biology</i> , 2019 , 68, 657-671	8.4	10
908	First and oldest Leptochirini rove beetles illuminate diverse cephalic structures in the Cretaceous (Coleoptera: Staphylinidae: Osoriinae). 2019 , 44, 588-611		12
907	Phylogeny of Ochlerini (Hemiptera: Pentatomidae: Discocephalinae) and the evolution of the apical tarsomere in hind legs. 2019 , 185, 1137-1149		3
906	Genome-scale phylogenetics reveals a monophyletic Zoopagales (Zoopagomycota, Fungi). 2019 , 133, 152-163		13
905	Convergent evolution misled taxonomy in schizothoracine fishes (Cypriniformes: Cyprinidae). 2019 , 134, 323-337		8
904	Species delimitation in endangered groundwater salamanders: Implications for aquifer management and biodiversity conservation. 2019 , 116, 2624-2633		43
903	Solving a thorny situation: DNA and morphology illuminate the evolution of the leaf beetle tribe Dorynotini (Coleoptera: Chrysomelidae: Cassidinae). 2019 , 185, 1123-1136		3
902	The first specimen of Archaeopteryx from the Upper Jurassic Mēnsheim Formation of Germany. 2019 , 31, 3-63		16
901	Evolution of phytolith deposition in modern bryophytes, and implications for the fossil record and influence on silica cycle in early land plant evolution. 2019 , 221, 2273-2285		8
900	Serial Homology and Correlated Characters in Morphological Phylogenetics: Modeling the Evolution of Dental Crests in Placentals. <i>Systematic Biology</i> , 2019 , 68, 267-280	8.4	17
899	Turnover of southern cypresses in the post-Gondwanan world: extinction, transoceanic dispersal, adaptation and rediversification. 2019 , 221, 2308-2319		11
898	Systematics of Onobrychis sect. Heliobrychis (Fabaceae): morphology and molecular phylogeny revisited. 2019 , 305, 33-48		3

897	Tip-dating and the origin of Telluraves. 2019 , 131, 55-63		6
896	<i>Propiestus archaicus</i> , the first Mesozoic amber inclusion of piestine rove beetles and its evolutionary and biogeographical significance (Coleoptera: Staphylinidae: Piestinae). 2019 , 17, 1257-1270		6
895	Inferring introgression using RADseq and D : Power and pitfalls revealed in a case study of spiny lizards (Sceloporus). 2019 , 19, 818-837		8
894	A new phylogeny of ichthyosaurs (Reptilia: Diapsida). 2019 , 17, 129-155		38
893	Revisiting habitat and lifestyle transitions in Heteroptera (Insecta: Hemiptera): insights from a combined morphological and molecular phylogeny. 2019 , 35, 67-105		49
892	Phylogeny and historical biogeography of Gondwanan moss-bugs (Insecta: Hemiptera: Coleorrhyncha: Peloridiidae). 2019 , 35, 135-149		8
891	Morphology-based phylogenetic reconstruction of Cholevinae (Coleoptera: Leiodidae): a new view on higher-level relationships. 2019 , 35, 1-41		8
890	<i>Reigitherium</i> (Meridiolestida, Mesungulatoidea) an Enigmatic Late Cretaceous Mammal from Patagonia, Argentina: Morphology, Affinities, and Dental Evolution. 2019 , 26, 447-478		12
889	A large artematopodid beetle (Coleoptera: Elateroidea: Artematopodidae) from the Early Cretaceous of China and its systematic position. 2020 , 105, 103986		2
888	Statistical Comparison of Trait-Dependent Biogeographical Models Indicates That Podocarpaceae Dispersal Is Influenced by Both Seed Cone Traits and Geographical Distance. <i>Systematic Biology</i> , 2020 , 69, 61-75	8.4	36
887	The Effect of Fossil Sampling on the Estimation of Divergence Times with the Fossilized Birth-Death Process. <i>Systematic Biology</i> , 2020 , 69, 124-138	8.4	8
886	New spiders (Araneae: Palpimanoidea) from the Jurassic Yanliao Biota of China. 2020 , 18, 137-185		1
885	Phylogenomic Relationships of Diploids and the Origins of Allotetraploids in <i>Dactylorhiza</i> (Orchidaceae). <i>Systematic Biology</i> , 2020 , 69, 91-109	8.4	39
884	A Simulation-Based Evaluation of Tip-Dating Under the Fossilized Birth-Death Process. <i>Systematic Biology</i> , 2020 , 69, 325-344	8.4	15
883	The last phase of conodont evolution during the Late Triassic: Integrating biostratigraphic and phylogenetic approaches. 2020 , 549, 109144		13
882	Synapomorphies Behind Shared Derived Characters: Examples from the Great Apes' Genomic Data. 2020 , 68, 357-365		23
881	A new echimyid genus (Rodentia, Caviomorpha) in Central Argentina: uncovered diversity of a Brazilian group of mammals in the Pleistocene. 2020 , 94, 165-179		3
880	Evolutionary origins of viviparity in Chamaeleonidae. 2020 , 58, 284-302		4

879	Reliable placement of beetle fossils via phylogenetic analyses of Triassic <i>Leehermania</i> as a case study (Staphylinidae or Myxophaga?). 2020 , 45, 175-187		15
878	Phylogenetic analysis of the Archaeocidaridae and Palaeozoic Miocidaridae (Echinodermata, Echinoidea) and the origin of crown group echinoids. 2020 , 6, 217-249		5
877	Two new species of fossil Paratydeidae (Acari: Trombidiformes) from the late Eocene amber highlight ultraslow morphological evolution in a soil-inhabiting arthropod lineage. 2020 , 18, 607-629		4
876	The impact of fossil stratigraphic ranges on tip-calibration, and the accuracy and precision of divergence time estimates. 2020 , 63, 67-83		11
875	A Nearly Complete Juvenile Skull of the Marsupial <i>Sparassocynus derivatus</i> from the Pliocene of Argentina, the Affinities of Sparassocynids and the Diversification of Opossums (Marsupialia; Didelphimorphia; Didelphidae). 2020 , 27, 385-417		14
874	Memory in Trait Macroevolution. 2020 , 195, 300-314		2
873	A General and Efficient Algorithm for the Likelihood of Diversification and Discrete-Trait Evolutionary Models. <i>Systematic Biology</i> , 2020 , 69, 545-556	8.4	5
872	A Phenotype-Genotype Codon Model for Detecting Adaptive Evolution. <i>Systematic Biology</i> , 2020 , 69, 722-738	8.4	9
871	Taxonomic review and phylogenetic inference elucidate the evolutionary history of Mesozoic Procercopidae, with new data from the Cretaceous Jehol Biota of NE China (Hemiptera, Cicadomorpha). 2020 , 58, 174-193		8
870	Paleogene mammalian fauna exchanges and the paleogeographic pattern in Asia. 2020 , 63, 202-211		6
869	Backbone phylogeny of <i>Lepisorus</i> (Polypodiaceae) and a novel infrageneric classification based on the total evidence from plastid and morphological data. 2020 , 36, 235-258		8
868	New Species of the Genus : and from Fungal Keratitis Cases in South India. 2019 , 9,		7
867	Fossils from South China redefine the ancestral euarthropod body plan. 2020 , 20, 4		13
866	An integrative phylogenomic approach illuminates the evolutionary history of Old World tree frogs (Anura: Rhacophoridae). 2020 , 145, 106724		7
865	Revision of Oligocene <i>Paraphiomys</i> and an origin for crown Thryonomyoidea (Rodentia: Hystricognathi: Phiomorpha) near the Oligocene-Miocene boundary in Africa. 2020 , 190, 352-371		6
864	A Bayesian extension of phylogenetic generalized least squares: Incorporating uncertainty in the comparative study of trait relationships and evolutionary rates. 2020 , 74, 311-325		5
863	Revisiting a Landmark Study System: No Evidence for a Punctuated Mode of Evolution in. 2020 , 195, 899-917		2
862	Molecular phylogenetics and floral evolution of the Cirrhopetalum alliance (Bulbophyllum, Orchidaceae): Evolutionary transitions and phylogenetic signal variation. 2020 , 143, 106689		11

861	Neotropical ant parasitoids (Hymenoptera: Eucharitidae): interpreting taxonomy, phylogeny and divergent morphologies. 2020 , 45, 464-480	1
860	Combined molecular and morphological data provide insights into the evolution and classification of Chilocorini ladybirds (Coleoptera: Coccinellidae). 2020 , 45, 447-463	4
859	Exploring the impact of morphology, multiple sequence alignment and choice of optimality criteria in phylogenetic inference: a case study with the Neotropical orb-weaving spider genus <i>Wagneriana</i> (Araneae: Araneidae). 2020 , 188, 976-1151	9
858	Genomic analysis for virulence determinants in feline herpesvirus type-1 isolates. 2020 , 56, 49-57	1
857	Phylogeny, biogeography, and morphological ancestral character reconstruction in the Mediterranean genus <i>Fumana</i> (Cistaceae). 2020 , 58, 201-220	1
856	Genomics of the Argentinian cholera epidemic elucidate the contrasting dynamics of epidemic and endemic <i>Vibrio cholerae</i> . 2020 , 11, 4918	4
855	No Assembly Required: Using BTyper3 to Assess the Congruency of a Proposed Taxonomic Framework for the Group With Historical Typing Methods. 2020 , 11, 580691	10
854	Contrasting population structure and demographic history of cereal aphids in different environmental and agricultural landscapes. 2020 , 10, 9647-9662	3
853	Macroevolutionary patterns of body plan canalization in euarthropods. 2020 , 46, 569-593	7
852	Alignment-Integrated Reconstruction of Ancestral Sequences Improves Accuracy. 2020 , 12, 1549-1565	8
851	A revision of the planthopper genus <i>Chionomus</i> Fennah (Hemiptera: Fulgoroidea: Delphacidae). 2020 , 4811, zootaxa.4811.1.1	
850	Accuracy of ancestral state reconstruction for non-neutral traits. 2020 , 10, 7644	10
849	Multiple waves of freshwater colonization of the three-spined stickleback in the Japanese Archipelago. 2020 , 20, 143	1
848	Ancestral morphology of Ecdysozoa constrained by an early Cambrian stem group ecdysozoan. 2020 , 20, 156	6
847	Late Cretaceous bird from Madagascar reveals unique development of beaks. 2020 , 588, 272-276	13
846	Potential for Powered Flight Neared by Most Close Avialan Relatives, but Few Crossed Its Thresholds. 2020 , 30, 4033-4046.e8	27
845	Specialized Predation Drives Aberrant Morphological Integration and Diversity in the Earliest Ants. 2020 , 30, 3818-3824.e4	15
844	Bayesian analyses in phylogenetic palaeontology: interpreting the posterior sample. 2020 , 63, 997-1006	6

- 843 Biogeographic diversification of *Mahonia* (Berberidaceae): Implications for the origin and evolution of East Asian subtropical evergreen broadleaved forests. **2020**, 151, 106910 9
- 842 Phylogenomic analyses reveal a Palaeozoic radiation and support a freshwater origin for clitellate annelids. **2020**, 49, 614-640 9
- 841 Systematic Redefinition of the Hypotricha (Alveolata, Ciliophora) Based on Combined Analyses of Morphological and Molecular Characters. **2020**, 171, 125755 13
- 840 Genetic structure of the mosquito *Aedes aegypti* in local forest and domestic habitats in Gabon and Kenya. **2020**, 13, 417 7
- 839 Tip dating supports novel resolutions of controversial relationships among early mammals. **2020**, 287, 20200943 12
- 838 150 million years of sustained increase in pterosaur flight efficiency. **2020**, 587, 83-86 1
- 837 Early Diverging and Core Bromelioideae (Bromeliaceae) Reveal Contrasting Patterns of Genome Size Evolution and Polyploidy. **2020**, 11, 1295 3
- 836 Subspecies Variation of *Daucus carota* Coastal (Tummmifer) Morphotypes (Apiaceae) Using Genotyping-by-Sequencing. **2020**, 45, 688-702 2
- 835 *Noyesaphytis* (Chalcidoidea: Aphelinidae) [an unusual new genus from Madagascar, and a reassessment of Aphelininae classification based on morphology. **2020**, 54, 647-664
- 834 The origin of Rhinocerotoida and phylogeny of Ceratomorpha (Mammalia, Perissodactyla). **2020**, 3, 509 2
- 833 Freshwater gobies 30 million years ago: New insights into character evolution and phylogenetic relationships of Pirskeniidae (Gobioidei, Teleostei). **2020**, 15, e0237366 3
- 832 Character evolution of modern fly-speck fungi and implications for interpreting thyrtothelial fossils. **2020**, 107, 1021-1040 5
- 831 Congruence Amidst Discordance between Sequence and Protein-Content Based Phylogenies of Fungi. **2020**, 6,
- 830 The evolution of pyrrolizidine alkaloid diversity among and within *Jacobaea* species. **2020**, 2
- 829 What is truth: Consensus and discordance in next-generation phylogenetic analyses of *Daucus*. **2020**, 58, 1059-1070 6
- 828 Endochondral bone in an Early Devonian 'placoderm' from Mongolia. **2020**, 4, 1477-1484 15
- 827 Baltic amber members of the extant *Micrillus*–*Cymbalium* lineage of the Paederinae rove beetles (Coleoptera, Staphylinidae) and their systematic and ecological significance. **2020**, 2
- 826 Population Genomics of Organelle Genomes in Crop Plants. **2020**, 1

825	Phylogenetic placement of <i>Adalatherium hui</i> (Mammalia, Gondwanatheria) from the Late Cretaceous of Madagascar: implications for allotherian relationships. 2020 , 40, 213-234	3
824	Genomics Reveals Widespread Ecological Speciation in Flightless Insects. <i>Systematic Biology</i> , 2021 , 70, 863-876	8.4 9
823	Sphenodontian phylogeny and the impact of model choice in Bayesian morphological clock estimates of divergence times and evolutionary rates. 2020 , 18, 191	17
822	Does hunger lead to hybridization in a genus of sexually cannibalistic insects (Orthoptera: Prophalangopsidae)?. 2020 , 131, 434-448	
821	A Basal Nonmammaliaform Cynodont from the Permian of Zambia and the Origins of Mammalian Endocranial and Postcranial Anatomy. 2020 , 40, e1827413	2
820	A contribution towards the systematics of <i>Magneuptychia</i> Forster, 1964: <i>Caeruleuptychia francisca</i> (Butler, 1870), n. comb. (Lepidoptera: Nymphalidae: Satyrinae). 2020 , 163, 51-61	0
819	Indo-European phylogenetics with R. 2020 , 8, 110-180	1
818	Proposal for a subdivision of the family Psathyrellaceae based on a taxon-rich phylogenetic analysis with iterative multigene guide tree. 2020 , 19, 1151-1265	4
817	Dissemination of Quinolone-Resistant <i>Escherichia coli</i> in the Norwegian Broiler and Pig Production Chains and Possible Persistence in the Broiler Production Environment. 2020 , 86,	7
816	Null hypotheses for developmental evolution. 2020 , 147,	9
815	The evolution of Synchaetidae (Rotifera: Monogononta) with a focus on <i>Synchaeta</i> : An integrative approach combining molecular and morphological data. 2020 , 58, 823-857	1
814	Phylogenomics, biogeography, and evolution of morphology and ecological niche of the eastern Asian/Eastern North American <i>Nyssa</i> (Nyssaceae). 2020 , 58, 571-603	9
813	Global Distribution and Evolution of Lineages. 2020 , 11, 843	16
812	Specialized Feathers Produce Sonations During Flight in Columbiga Ground Doves. 2020 , 60, 1160-1172	3
811	Toxicogenic evolution and establishment of reservoirs in aquatic ecosystems. 2020 , 117, 7897-7904	12
810	Exploring the phylogeny of the marattialean ferns. 2020 , 36, 569-593	4
809	Independent allopatric polyploidizations shaped the geographical structure and initial stage of reproductive isolation in an allotetraploid fern, <i>Lepisorus nigripes</i> (Polypodiaceae). 2020 , 15, e0233095	0
808	Extensive reticulate evolution within <i>Fargesia</i> (s.l.) (Bambusoideae: Poaceae) and its allies: Evidence from multiple nuclear markers. 2020 , 149, 106842	1

807	Osteology of <i>Klamelisaurus gobiensis</i> (Dinosauria, Eusauropoda) and the evolutionary history of MiddleLate Jurassic Chinese sauropods. 2020 , 18, 1299-1393	12
806	A Cambrian crown annelid reconciles phylogenomics and the fossil record. 2020 , 583, 249-252	17
805	Convergent evolution and possible constraint in the posterodorsal retraction of the external nares in pelagic crocodylomorphs. 2020 , 189, 494-520	4
804	Recurrent inversion toggling and great ape genome evolution. 2020 , 52, 849-858	13
803	Phylogenomic Study of <i>Monechma</i> Reveals Two Divergent Plant Lineages of Ecological Importance in the African Savanna and Succulent Biomes. 2020 , 12, 237	5
802	Phylogeny and taxonomy of the Antillean endemic genus <i>Leptocereus</i> (Cactaceae) inferred from chloroplast markers and morphological evidence. 2020 , 306, 1	7
801	The potential of genome-wide RAD sequences for resolving rapid radiations: a case study in Cactaceae. 2020 , 151, 106896	2
800	Insights into the ancestral flowers of Ranunculales. 2020 , 194, 23-46	7
799	Detecting destabilizing species in the phylogenetic backbone of (Rosaceae) using low-copy nuclear markers. 2020 , 12, plaa017	2
798	Heterogeneity in the rate of molecular sequence evolution substantially impacts the accuracy of detecting shifts in diversification rates. 2020 , 74, 1620-1639	8
797	Comparative Genome Analyses of Wild Type- and Quinolone Resistant Indicate Dissemination of QREC in the Norwegian Broiler Breeding Pyramid. 2020 , 11, 938	2
796	Late Cretaceous neornithine from Europe illuminates the origins of crown birds. 2020 , 579, 397-401	35
795	Complex patterns of reticulate evolution in opportunistic weeds (<i>Potentilla</i> L., Rosaceae), as revealed by low-copy nuclear markers. 2020 , 20, 38	5
794	Regulators of an ancient polyphenism evolved through episodic protein divergence and parallel gene radiations. 2020 , 287, 20192595	4
793	Description of <i>Bradyetes paramatthei</i> sp. nov. (Copepoda: Calanoida), a new aetideid species from the deep Pacific Ocean with notes on the genus <i>Bradyetes</i> . 2020 , 4732, zootaxa.4732.2.2	
792	Phylogenetic signal and evolutionary correlates of urban tolerance in a widespread neotropical lizard clade. 2020 , 74, 1274-1288	10
791	Evaluating the Performance of Probabilistic Algorithms for Phylogenetic Analysis of Big Morphological Datasets: A Simulation Study. <i>Systematic Biology</i> , 2020 , 69, 1088-1105	8.4 9
790	Death is on Our Side: Paleontological Data Drastically Modify Phylogenetic Hypotheses. <i>Systematic Biology</i> , 2020 , 69, 1052-1067	8.4 21

789	An African origin for. 2020 , 2020, 49-59	18
788	The Oldest Representative of the Rove Beetle Tribe Pinophilini (Coleoptera: Staphylinidae: Paederinae), from Upper Cretaceous Burmese Amber. 2020 , 11,	0
787	A comprehensive phylogeny of flat bark beetles (Coleoptera: Cucujidae) with a revised classification and a new South American genus. 2020 , 45, 248-268	12
786	Mouthpart homologies and life habits of Mesozoic long-proboscid scorpionflies. 2020 , 6, eaay1259	5
785	Trapping, Collaring and Monitoring the Lorinae of Asia (Loris, Nycticebus) and Perodicticinae (Arctocebus, Perodicticus) of Africa. 2020 , 279-294	2
784	Evaluation of Field Techniques Used to Assess Populations of Pottos and Lorises. 2020 , 295-303	1
783	References. 2020 , 404-464	
782	Ignoring Fossil Age Uncertainty Leads to Inaccurate Topology and Divergence Time Estimates in Time Calibrated Tree Inference. 2020 , 8,	9
781	Classification of , , and related genera (): An overview of families, genera, subgenera, sections, series and species. 2020 , 95, 5-169	135
780	Miocene Diversification in the Savannahs Precedes Tetraploid Rainforest Radiation in the African Tree Genus (Detarioideae, Fabaceae). 2020 , 11, 798	2
779	Conflict Resolution for Mesozoic Mammals: Reconciling Phylogenetic Incongruence Among Anatomical Regions. 2020 , 11, 0651	6
778	Extinction rates of non-avian dinosaur species are uncorrelated with the rate of evolution of phylogenetically informative characters. 2020 , 16, 20200231	2
777	A new family of diprotodontian marsupials from the latest Oligocene of Australia and the evolution of wombats, koalas, and their relatives (Vombatiformes). 2020 , 10, 9741	6
776	The Collins monster, a spinous suspension-feeding lobopodian from the Cambrian Burgess Shale of British Columbia. 2020 , 63, 979-994	5
775	Megaevolutionary dynamics and the timing of evolutionary innovation in reptiles. 2020 , 11, 3322	28
774	CellCoal: Coalescent Simulation of Single-Cell Sequencing Samples. 2020 , 37, 1535-1542	8
773	An extended model for phylogenetic maximum likelihood based on discrete morphological characters. 2020 , 19,	1
772	A Tube-Dwelling Early Cambrian Lobopodian. 2020 , 30, 1529-1536.e2	7

771	Local adaptation fuels cryptic speciation in terrestrial annelids. 2020 , 146, 106767	4
770	It is not a disaster: molecular and morphologically based phylogenetic analysis of Rondeletieae and the Rondeletia complex (Cinchonoideae, Rubiaceae). 2020 , 306, 1	2
769	Genomics confirms surprising ecological divergence and isolation in an endangered butterfly. 2020 , 29, 1897-1921	4
768	Much more than a clasp: evolutionary patterns of amplexus diversity in anurans. 2020 , 129, 652-663	5
767	Population genetic structure and predominance of cyclical parthenogenesis in the bird cherry-oat aphid in England. 2020 , 13, 1009-1025	7
766	Foreword. 2020 , xix-xx	
765	Introduction. 2020 , 1-16	
764	Evolution, Morphology and the Fossil Record. 2020 , 17-162	
763	Sluggards and Drunkards?. 2020 , 19-32	
762	What We Know (and Don't Know) About the Fossil Records of Lorisids. 2020 , 33-46	1
761	Outliers. 2020 , 47-56	
760	Molecular Advances in Lorisid Taxonomy and Phylogeny. 2020 , 57-66	3
759	The Toothcomb of <i>Karanisia clarki</i> . 2020 , 67-75	2
758	The Soft-Tissue Anatomy of the Highly Derived Hand of <i>Perodicticus</i> Relative to the More Generalised <i>Nycticebus</i> . 2020 , 76-96	2
757	Making Scents of Olfactory Sensitivity in Lorises and Pottos. 2020 , 97-112	
756	Allometric and Phylogenetic Diversity in Lorisiform Orbit Orientation. 2020 , 113-128	
755	The Evolution of Social Organisation in Lorisiformes. 2020 , 129-137	4
754	Biomechanics of Loris Locomotion. 2020 , 138-152	

- 753 What Role Did Gum-Feeding Play in the Evolution of the Lorises?. **2020**, 153-162
- 752 Ecology and Captive Management. **2020**, 163-276
- 751 Nutrition of Lorisiformes. **2020**, 165-173
- 750 Seeing in the Dark. **2020**, 174-186 1
- 749 Thermoregulation in Lorises. **2020**, 187-192 1
- 748 Home Range, Activity Budgets and Habitat Use in the Bengal Slow Loris (*Nycticebus bengalensis*) in Bangladesh. **2020**, 193-203 2
- 747 Behaviour of Pottos and Angwantibos. **2020**, 204-209
- 746 Positional Behaviour and Substrate Preference of Slow Lorises, with a Case Study of *Nycticebus bengalensis* in Northeast India. **2020**, 210-218 2
- 745 Sexual Differences in Feeding and Foraging of Released Philippine Slow Loris (*Nycticebus menagensis*). **2020**, 219-227
- 744 Ranging Patterns of the Pygmy Slow Loris (*Nycticebus pygmaeus*) in a Mixed Deciduous Forest in Eastern Cambodia. **2020**, 228-234 2
- 743 Utilising Current and Historical Zoo Records to Provide an Insight into the Captive Biology of the Rarely Kept Species Pottos and Angwantibos. **2020**, 235-241
- 742 Mother/Infant Behaviours in Greater Slow Loris (*Nycticebus coucang*) Dyads Consisting of Mothers Pregnant at Confiscation and Their Sanctuary-Born Infants. **2020**, 242-262
- 741 Husbandry and Reproductive Management Recommendations for Captive Lorises and Pottos (*Nycticebus*, *Loris* and *Perodicticus*). **2020**, 263-276 2
- 740 Research, Trade and Conservation. **2020**, 277-403
- 739 Occupancy Modelling as a Method to Study Slender Loris Density. **2020**, 304-315
- 738 Using Accelerometers to Measure Nocturnal Primate Behaviour. **2020**, 316-325
- 737 Distribution and Conservation Status of Slow Lorises in Indo-China. **2020**, 326-338 1
- 736 Wildlife Trade Research Methods. **2020**, 339-361 1

735	Online Imagery and Loris Conservation. 2020 , 362-373	1
734	Slow Lorises (<i>Nycticebus</i> spp.) as Photo Props on Instagram. 2020 , 374-380	1
733	Integrating Science and Puppetry to Inspire Teenagers in Rural Asia to Value Slow Lorises. 2020 , 381-392	
732	Developing a Rescue and Rehabilitation Centre as a Reaction to the Extensive Illegal Wildlife Trade in Slow Lorises. 2020 , 393-403	
731	Index. 2020 , 465-492	
730	Complex mosaic of sexual dichromatism and monochromatism in Pacific robins results from both gains and losses of elaborate coloration. 2020 , 51,	2
729	Comparative genomics shows differences in the electron transport and carbon metabolic pathways of <i>Mycobacterium africanum</i> relative to <i>Mycobacterium tuberculosis</i> and suggests an adaptation to low oxygen tension. 2020 , 120, 101899	10
728	Fossil evidence for a Cretaceous rise of the mahogany family. 2020 , 107, 139-147	3
727	Phylogenomics reveals conservation challenges and opportunities for cryptic endangered species in a rapidly disappearing desert ecosystem. 2020 , 29, 2185-2200	1
726	The evolution of specialized dentition in the deep-sea lanternfishes (<i>Myctophiformes</i>). 2020 , 281, 536-555	3
725	Speciation Associated with Shifts in Migratory Behavior in an Avian Radiation. 2020 , 30, 1312-1321.e6	20
724	Phylogeny, biogeography and systematics of Pacific vent, methane seep, and whale-fall <i>Parougia</i> (<i>Dorvilleidae</i> : <i>Annelida</i>), with eight new species. 2020 , 34, 200	2
723	Proposal of a Taxonomic Nomenclature for the <i>Bacillus cereus</i> Group Which Reconciles Genomic Definitions of Bacterial Species with Clinical and Industrial Phenotypes. 2020 , 11,	53
722	A total-evidence approach resolves phylogenetic placement of <i>Āafius</i> <i>Āigigas</i> , a unique recently extinct rove beetle from Lord Howe Island. 2020 ,	0
721	Vastly underestimated species richness of Amazonian salamanders (<i>Plethodontidae</i> : <i>Bolitoglossa</i>) and implications about plethodontid diversification. 2020 , 149, 106841	9
720	A morphological and combined phylogenetic analysis of pirate spiders (<i>Araneae</i> , <i>Mimetidae</i>): evolutionary relationships, taxonomy and character evolution. 2020 , 34, 144	4
719	Genome-informed integrative taxonomic description of three cryptic species in the earthworm genus <i>Carpetania</i> (<i>Oligochaeta</i> , <i>Hormogastridae</i>). 2020 , 18, 203-215	7
718	New Pliocene right whale from Belgium informs balaenid phylogeny and function. 2020 , 18, 1141-1166	3

717	Dispersal versus vicariance in the Aegean: combining molecular and morphological phylogenies of eastern Mediterranean <i>Dendarus</i> (Coleoptera: Tenebrionidae) sheds new light on the phylogeography of the Aegean area. 2020 , 190, 824-843		4
716	Total-evidence phylogeny and divergence times of <i>Vermilingua</i> (Mammalia: Pilosa). 2020 , 18, 216-227		3
715	Morphological Characters Can Strongly Influence Early Animal Relationships Inferred from Phylogenomic Data Sets. <i>Systematic Biology</i> , 2021 , 70, 360-375	8.4	6
714	A new method for quantifying heterochrony in evolutionary lineages. 2021 , 47, 363-384		13
713	Phylogenomics of Monitor Lizards and the Role of Competition in Dictating Body Size Disparity. <i>Systematic Biology</i> , 2021 , 70, 120-132	8.4	16
712	Cutting the Gordian knot: a historical and taxonomic revision of the Jurassic crocodylomorph <i>Metriorhynchus</i> . 2021 , 192, 510-553		1
711	Defying death: incorporating fossils into the phylogeny of the complex thalloid liverworts (Marchantiidae, Marchantiophyta) confirms high order clades but reveals discrepancies in family-level relationships. 2021 , 37, 231-247		3
710	<i>Drimolen</i> cranium DNH 155 documents microevolution in an early hominin species. 2021 , 5, 38-45		9
709	Morphological and molecular phylogeny of <i>Epiperipatus</i> (Onychophora: Peripatidae): a combined approach. 2021 , 192, 763-793		1
708	Going against the flow: Barriers to gene flow impact patterns of connectivity in cryptic coral reef gobies throughout the western Atlantic. 2021 , 48, 427-439		0
707	Estimating dispersal and evolutionary dynamics in diploporan blastozoans (Echinodermata) across the great Ordovician biodiversification event. 2021 , 47, 198-220		5
706	Investigating Morphological Complexes Using Informational Dissonance and Bayes Factors: A Case Study in Corbiculate Bees. <i>Systematic Biology</i> , 2021 , 70, 295-306	8.4	2
705	Bayesian Tip-Dated Phylogenetics in Paleontology: Topological Effects and Stratigraphic Fit. <i>Systematic Biology</i> , 2021 , 70, 283-294	8.4	9
704	Redescription of the skull of the Australian flatback sea turtle, <i>Natator depressus</i> , provides new morphological evidence for phylogenetic relationships among sea turtles (Chelonioidea). 2021 , 191, 1090-1113		2
703	Redescription and phylogenetic affinities of the caimanine <i>Eocaiman cavernensis</i> (Crocodylia, Alligatoroidea) from the Eocene of Argentina. 2021 , 7, 1205-1231		2
702	Mind the Outgroup and Bare Branches in Total-Evidence Dating: a Case Study of Pimpliform Darwin Wasps (Hymenoptera, Ichneumonidae). <i>Systematic Biology</i> , 2021 , 70, 322-339	8.4	5
701	Molecular phylogeny, species delimitation and biogeographic history of the <i>Stegana</i> (<i>Steganina</i>) <i>shirozui</i> species group (Diptera: Drosophilidae) from East Asia. 2021 , 192, 998-1016		1
700	A Codon Model for Associating Phenotypic Traits with Altered Selective Patterns of Sequence Evolution. <i>Systematic Biology</i> , 2021 , 70, 608-622	8.4	2

699	Total-evidence backbone phylogeny of Aleocharinae (Coleoptera: Staphylinidae). 2021 , 37, 343-374	2
698	Phylogeny of Orthotrichum s.l. and Ulota s.l. (Orthotrichaceae, Bryophyta): Insights into stomatal evolution. 2021 ,	0
697	Molecular phylogeny and trait evolution in an ancient terrestrial arthropod lineage: Systematic revision and implications for ecological divergence (Collembola, Tomocerinae). 2021 , 154, 106995	3
696	A Total-Evidence Dated Phylogeny of Echinoidea Combining Phylogenomic and Paleontological Data. <i>Systematic Biology</i> , 2021 , 70, 421-439	8.4 12
695	A phylogeny of the subfamily Thiotrichinae (Lepidoptera: Gelechiidae) with a revision of the generic classification based on molecular and morphological analyses. 2021 , 46, 357-379	
694	Associating physiological functions with genomic variability in hibernating bats. 2021 , 35, 291-308	0
693	Systematics of the Neotropical spider genera Jalapyphantes and Selenyphantes and the circumscription of the Pocobletus clade (Araneae: Linyphiidae). 2021 , 192, 896-957	1
692	Upper Oligocene–Lower-Middle Miocene peramelemorphians from the Etadunna, Namba and Wipajiri formations of South Australia. 2021 , 45, 109-125	1
691	Berberis burruyacuensis O. R. Dantur, S. Radice, E. Giordani, A. Papini sp. nov. (Berberidaceae): a new species. 2021 , 68, 1799-1808	
690	Synonymisation of the male-based ant genus Phaulomyrma (Hymenoptera:Formicidae) with Leptanilla based upon Bayesian total-evidence phylogenetic inference. 2021 ,	0
689	OUP accepted manuscript.	2
688	A monotreme-like auditory apparatus in a Middle Jurassic Haramiyidan. 2021 , 590, 279-283	7
687	Evolution and biogeographic history of the Saguinus mystax group (Primates, Callithrichidae). 2021 , 83, e23226	
686	Environmental drivers of body size evolution in crocodile-line archosaurs. 2021 , 4, 38	15
685	Species delimitation integrative approach reveals three new species in the Nemertopsis bivittata complex. 2021 ,	0
684	How many sabertooths? Reevaluating the number of carnivoran sabretooth lineages with total-evidence Bayesian techniques and a novel origin of the Miocene Nimravidae. 2021 , 41,	2
683	MBASR: Workflow-simplified ancestral state reconstruction of discrete traits with MrBayes in the R environment.	2
682	OUP accepted manuscript.	0

681	Phylogeny of drepanosiphine aphids sensu lato (Hemiptera, Aphidoidea) inferred from molecular and morphological data. 2021 , 67, 501-513		0
680	Phylogenomics of reveals a new lineage and a complex evolutionary history. 2021 , 7,		29
679	Deep time diversity and the early radiations of birds. 2021 , 118,		1
678	The Tupá-Guaraní language family. 2021 , 38, 151-188		2
677	Of Traits and Trees: Probabilistic Distances under Continuous Trait Models for Dissecting the Interplay among Phylogeny, Model, and Data. <i>Systematic Biology</i> , 2021 , 70, 660-680	8.4	
676	Molecular Evolution of rbcL in Orthotrichales (Bryophyta): Site Variation, Adaptive Evolution, and Coevolutionary Patterns of Amino Acid Replacements. 2021 , 89, 225-237		
675	Phylogenomics of peacock spiders and their kin (Salticidae: Maratus), with implications for the evolution of male courtship displays. 2021 , 132, 471-494		1
674	A new species of from the Namba Formation in South Australia and the early evolution and environment of Australian egeriine skinks. 2021 , 8, 201686		3
673	Remarkable sexually dimorphic features of Coniceromyia (Diptera: Phoridae): evolution in the light of phylogeny and comparative evidence about their function. 2021 , 132, 521-538		1
672	Insecticide resistance and genetic structure of Aedes aegypti populations from Rio de Janeiro State, Brazil. 2021 , 15, e0008492		1
671	Fuxianhuiids are mandibulates and share affinities with total-group Myriapoda. 2021 , 178, jgs2020-246		7
670	Investment in chemical signalling glands facilitates the evolution of sociality in lizards. 2021 , 288, 20202438		4
669	Morphology and Bayesian tip-dating recover deep Cretaceous-age divergences among major chrysidid lineages (Hymenoptera: Chrysididae).		0
668	Sociality and migration predict hybridization across birds. 2021 , 288, 20201946		1
667	Inferring the Total-Evidence Timescale of Marattialeen Fern Evolution in the Face of Model Sensitivity. <i>Systematic Biology</i> , 2021 , 70, 1232-1255	8.4	1
666	Neotypification of Rhipsalis rhombea (Rhipsalideae, Cactaceae) and Its Taxonomic History. 2021 , 27,		1
665	New opabiniid diversifies the weirdest wonders of the euarthropod lower stem group.		1
664	Large-scale inference of correlation among mixed-type biological traits with phylogenetic multivariate probit models. 2021 , 15,		4

- 663 Comprehensive total evidence phylogeny of chinchillids (Rodentia, Caviomorpha): Cheek teeth anatomy and evolution. **2021**, 239, 405-423 5
- 662 A new species of Amazonian bluntnose knifefish *Brachyhypopomus* (Gymnotiformes: Hypopomidae), with comments on its phylogenetic position. **2021**, 19, 333-345
- 661 Diversification of myrmecophilous *Clavigeritae* beetles (Coleoptera: Staphylinidae: Pselaphinae) and their radiation in New Caledonia. **2021**, 46, 422-452 1
- 660 The phylogeographic history of *Krascheninnikovia* reflects the development of dry steppes and semi-deserts in Eurasia. **2021**, 11, 6645 4
- 659 Evolution in the Genus *Rhinella*: A Total Evidence Phylogenetic Analysis of Neotropical True Toads (Anura: Bufonidae). **2021**, 447, 9
- 658 Markov models provide many solutions for appropriate modeling of inapplicable morphological characters in phylogenetics. 0
- 657 Estimating the age of poorly dated fossil specimens and deposits using a total-evidence approach and the fossilized birth-death process.
- 656 Deconstructing the Gestalt: New concepts and tests of homology, as exemplified by a re-conceptualization of "microstomy" in squamates. **2021**, 304, 2303-2351 2
- 655 Phylogeny and the evolutionary origins of myrmecophytism in the *Neonauclea* clade (Rubiaceae) revisited, with particular emphasis on the Philippine lineages. **2021**, 307, 1
- 654 The genetic population structure of Lake Tanganyika's Lates species flock, an endemic radiation of pelagic top predators. 0
- 653 Epidemiological Characterization of Infections in Pavia Province in 2017 Reveals the Presence of Multiple Concurrently Circulating Strains. **2021**, 18, 267-275 0
- 652 A variable-rate quantitative trait evolution model using penalized-likelihood. 2
- 651 Resolved phylogenetic relationships in the *Ocotea* complex (Supraocotea) facilitate phylogenetic classification and studies of character evolution. **2021**, 108, 664-679 2
- 650 The oldest peracarid crustacean reveals a Late Devonian freshwater colonisation by isopod relatives.
- 649 Scalable total-evidence inference from molecular and continuous characters in a Bayesian framework. 3
- 648 Fossoriality and evolutionary development in two Cretaceous mammaliamorphs. **2021**, 592, 577-582 1
- 647 Phylogenetic Comparative Methods: A User's Guide for Paleontologists. **2021**, 4
- 646 Systematic Revision of the Sand Scorpions, Genus *Buthacus* Birula, 1908 (Buthidae C.L. Koch, 1837) of the Levant, with Redescription of *Buthacus arenicola* (Simon, 1885) from Algeria and Tunisia. **2021**, 450, 2

645	Divergence-time estimates for hominins provide insight into encephalization and body mass trends in human evolution. 2021 , 5, 808-819		7
644	Fossil pollen from early Palaeogene sediments in western India provides phylogenetic insights into divergence history and pollen character evolution in the pantropical family Ebenaceae. 2021 , 197, 147-169		1
643	Evaluating the monophyly of series (Cactaceae). 2021 , 177, 25-42		2
642	Using the nuclear LEAFY gene to reconstruct phylogenetic relationships among invasive knotweed (<i>Reynoutria</i> , Polygonaceae) populations. 2021 , 14, 92-100		0
641	Phylogeny and divergence dating of the ladybird beetle tribe Coccinellini Latreille (Coleoptera: Coccinellidae: Coccinellinae). 2021 , 46, 632-648		3
640	Total-evidence analysis resolves the phylogenetic position of an enigmatic group of Paederinae rove beetles (Coleoptera: Staphylinidae). 2021 , 157, 107059		2
639	Mesoamerica is a cradle and the Atlantic Forest is a museum of Neotropical butterfly diversity: insights from the evolution and biogeography of Brassolini (Lepidoptera: Nymphalidae). 2021 , 133, 704-724		4
638	A reconsideration of inapplicable characters, and an approximation with step-matrix recoding. 2021 , 37, 596-629		3
637	The diversification of <i>Pterocarpus</i> (Leguminosae: Papilionoideae) was influenced by biome-switching and infrequent long-distance dispersal.		
636	Deep in the systematics of Camallanidae (Nematoda): using integrative taxonomy to better understand the phylogeny and consistency of diagnostic traits. 2021 , 148, 962-974		2
635	Large Phylogenomic Data sets Reveal Deep Relationships and Trait Evolution in Chlorophyte Green Algae. 2021 , 13,		3
634	Phylogenetic approach redefines <i>Plistonax</i> (Coleoptera, Cerambycidae, Lamiinae) with new combinations and a new genus of flat-faced long-horned beetles. 2021 , 21, 491-520		
633	Fossil-informed models reveal a Boreotropical origin and divergent evolutionary trajectories in the walnut family (Juglandaceae). <i>Systematic Biology</i> , 2021 ,	8.4	7
632	Corbiculate Bees (Hymenoptera: Apidae): Exploring the Limits of Morphological Data to Solve a Hard Phylogenetic Problem. 2021 , 5,		1
631	Exceptional multifunctionality in the feeding apparatus of a mid-Cambrian radiodont. 1-21		4
630	Phylogeny and evolution of large body size in the rove beetle genus <i>Phlaeopterus</i> Motschulsky, 1853 (Coleoptera: Staphylinidae: Omaliinae: Anthophagini). 79, 75-98		
629	Molecular and morphological clocks for estimating evolutionary divergence times. 2021 , 21, 83		2
628	Acanthodian dental development and the origin of gnathostome dentitions. 2021 , 5, 919-926		5

627	Molecular Characterization of Multidrug-Resistant From Foodborne Outbreaks in Sweden. 2021 , 12, 664665	7
626	A new Pleistocene <i>Ctenomys</i> and divergence dating of the hyperdiverse South American rodent family Ctenomyidae. 1-16	2
625	Description and phylogenetic analysis of a new firefly genus from the Atlantic Rainforest, with five new species and new combinations (Coleoptera: Lampyridae: Lampyrinae). 79, 115-150	1
624	Historical, archaeological and linguistic evidence test the phylogenetic inference of Viking-Age plant use. 2021 , 376, 20200086	4
623	The oldest peracarid crustacean reveals a Late Devonian freshwater colonization by isopod relatives. 2021 , 17, 20210226	2
622	Cytological Study of <i>Begonia</i> Sect. <i>Baryandra</i> (Begoniaceae). 2021 , 86, 133-141	4
621	Total evidence phylogenetic analysis reveals polyphyly of <i>Anostomoides</i> and uncovers an unexpectedly ancient genus of Anostomidae fishes (Characiformes).	1
620	Does time matter in phylogeny? A perspective from the fossil record.	1
619	A Burgess Shale mandibulate arthropod with a pygidium: a case of convergent evolution. 2021 , 7, 1877	1
618	The inner ear anatomy of glyptodonts and pampatheres (Xenarthra, Cingulata): Functional and phylogenetic implications. 2021 , 108, 103189	3
617	Trait-dependent dispersal in rails (Aves: Rallidae): Historical biogeography of a cosmopolitan bird clade. 2021 , 159, 107106	2
616	Cranial anatomy of , an enigmatic cynodont from the Middle Triassic of South Africa, and its phylogenetic significance. 2021 , 9, e11542	1
615	New specimens from Mid-Cretaceous Myanmar amber illuminate the phylogenetic placement of Lagonomegopidae (Arachnida: Araneae).	
614	Relative tooth size, Bayesian inference, and <i>Homo naledi</i> . 2021 , 176, 262-282	2
613	Revising dating estimates and the antiquity of eusociality in termites using the fossilized birth-death process. 2021 , 46, 592-610	10
612	A near comprehensive phylogenetic framework gives new insights toward a natural classification of the African genus <i>Cyrtorchis</i> (Angraecinae, Orchidaceae). 2021 , 70, 720	1
611	Whole-genome microsynteny-based phylogeny of angiosperms. 2021 , 12, 3498	10
610	Total Evidence Phylogenetic Analysis Supports New Morphological Synapomorphies for Bovidae (Mammalia, Artiodactyla). 2021 , 2021,	

609	Divergence and introgression in small apes, the genus <i>Hylobates</i> , revealed by reduced representation sequencing. 2021 , 127, 312-322		2
608	The cecal appendix is correlated with greater maximal longevity in mammals. 2021 , 239, 1157-1169		1
607	Total-evidence phylogeny of the coastal <i>Cafius</i> complex (Coleoptera: Staphylinidae) and its new generic concepts. 2021 , 50, 734		2
606	Andean uplift, drainage basin formation, and the evolution of plants living in fast-flowing aquatic ecosystems in northern South America. 2021 , 232, 2175-2190		2
605	Systematics of Neotropical <i>Oecetis</i> McLachlan, 1877 (Trichoptera: Leptoceridae): When the taxonomy and phylogeny meet. 2021 , 293, 233-246		
604	Testing Character Evolution Models in Phylogenetic Paleobiology: A case study with Cambrian echinoderms. 2021 ,		6
603	Bayesian Morphological Clock versus Parsimony: An insight into the relationships and dispersal events of postvacuum Cricetidae (Rodentia, Mammalia). <i>Systematic Biology</i> , 2021 ,	8.4	2
602	Including fossils in phylogeny: a glimpse into the evolution of the superfamily Evanioidea (Hymenoptera: Apocrita) under tip-dating and the fossilized birth-death process.		4
601	Novel Integrative Modeling of Molecules and Morphology across Evolutionary Timescales. <i>Systematic Biology</i> , 2021 ,	8.4	2
600	Fossilization processes have little impact on tip-calibrated divergence time analyses. 2021 , 64, 687-697		1
599	New troodontid theropod specimen from Inner Mongolia, China clarifies phylogenetic relationships of later-diverging small-bodied troodontids and paravian body size evolution.. 2022 , 38, 59-82		0
598	A phylogenomic perspective on gene tree conflict and character evolution in Caprifoliaceae using target enrichment data, with Zabelioideae recognized as a new subfamily. 2021 , 59, 897-914		9
597	Comprehensive taxon sampling and vetted fossils help clarify the time tree of shorebirds (Aves, Charadriiformes).		1
596	Patterns of morphological simplification and innovation in the megadiverse Holometabola (Insecta).. 2022 , 38, 227-245		3
595	Phylogeny, evolution, and classification of the ant genus <i>Lasius</i> , the tribe Lasiini, and the subfamily Formicinae (Hymenoptera: Formicidae).		0
594	Distinct lineages and population genomic structure of the coral <i>Pachyseris speciosa</i> in the small equatorial reef system of Singapore. 1		3
593	Modelling the tempo and mode of lineage dispersal. 2021 , 36, 1102-1112		5
592	Permian-Triassic phylogenetic and morphologic evolution of rhynchonellide brachiopods. 1-21		2

- 591 Genome-Wide Evidence for Complex Hybridization and Demographic History in a Group of From China. **2021**, 12, 717200 1
- 590 New fossils of Jurassic ophiurid brittle stars (Ophiuroidea; Ophiurida) provide evidence for early clade evolution in the deep sea. **2021**, 8, 210643 1
- 589 Monitoring the Antimicrobial Resistance Dynamics of *Salmonella enterica* in Healthy Dairy Cattle Populations at the Individual Farm Level Using Whole-Genome Sequencing.
- 588 A Triassic stem lepidosaur illuminates the origin of lizard-like reptiles. **2021**, 597, 235-238 4
- 587 Phylogeny, disparity and mass extinction response in the trilobite order Harpetida. **2021**, 7, 2205 2
- 586 The phylogenetic relationships of geoemydid turtles from the Eocene Messel Pit Quarry: a first assessment using methods for continuous and discrete characters. **2021**, 9, e11805 0
- 585 Natural selection on a carbon cycling trait drives ecosystem engineering by (peat moss). **2021**, 288, 20210609 0
- 584 A variable-rate quantitative trait evolution model using penalized-likelihood. **2021**, 9, e11997 4
- 583 Genomic introgression from a distant congener in the Levant fritillary butterfly, *Melitaea acentria*. **2021**, 30, 4819-4832 0
- 582 Phylogeny and biogeography of the pantropical whip spider family Charinidae (Arachnida: Amblypygi). 1
- 581 Ontogeny, anatomical structure and function of lobed stems in the evolution of the climbing growth form in Malvaceae (*Byttneria* Loefl.). **2021**, 128, 859-874 1
- 580 *Tabelliscolax* (Cricocosmiidae: Palaeoscolecidomorpha) from the early Cambrian Chengjiang Biota, and the evolution of seriation in Ecdysozoa. jgs2021-060 1
- 579 Exceptionally preserved beetles in a Triassic coprolite of putative dinosauriform origin. **2021**, 31, 3374-3381.e55
- 578 Cambrian comb jellies from Utah illuminate the early evolution of nervous and sensory systems in ctenophores. **2021**, 24, 102943 4
- 577 Phylogeography of the wide-host range panglobal plant pathogen *Phytophthora cinnamomi*. **2021**, 30, 5164-5178 3
- 576 Phylogeography of the endemic red-tailed cicadas of New Zealand (Hemiptera: Cicadidae: *Rhodopsalta*), and molecular, morphological and bioacoustical confirmation of the existence of Hudson's *Rhodopsalta microdora*. 3
- 575 Systematics of the Arboreal Neotropical *Chorellia* Clade of *Centruroides* Bark Scorpions (Buthidae) and the Efficacy of Mini-Barcodes for Museum Specimens. **2021**, 13, 441 0
- 574 New spinosaurids from the Wessex Formation (Early Cretaceous, UK) and the European origins of Spinosauridae. **2021**, 11, 19340 5

573	Gene expression phylogenies and ancestral transcriptome reconstruction resolves major transitions in the origins of pregnancy.	0
572	An early burst in brachiopod evolution corresponding with significant climatic shifts during the Great Ordovician Biodiversification Event. 2021 , 288, 20211450	2
571	Systematics of the Relictual Asian Scorpion Family Pseudochactidae Gromov, 1998, with a Review of Cavernicolous, Troglobitic, and Troglomorphic Scorpions. 2021 , 453,	2
570	Bayesian phylogenetic analysis of linguistic data using BEAST.	0
569	Fossils constrain biogeographical history in a clade of flattened spiders with transcontinental distribution.	0
568	The genomes of nucleocytoplasmic large DNA viruses: viral evolution writ large. 2021 , 7,	0
567	The beginning of the adaptive radiation of Theridomorpha (Rodentia) in Western Europe: morphological and phylogenetic analyses of early and middle Eocene taxa; implications for systematics. 2021 , 44, e2	
566	Novel classification and biogeography of Leptolejeunea (Lejeuneaceae, Marchantiophyta) with implications for the origin and evolution of the Asian evergreen broad-leaved forests.	0
565	Causes and Consequences of Apparent Timescaling Across All Estimated Evolutionary Rates. 2021 , 52,	1
564	Testing for heterogeneous rates of discrete character evolution on phylogenies.	1
563	Taxonomy based on limited genomic markers may underestimate species diversity of rockhopper penguins and threaten their conservation. 2021 , 27, 2277	1
562	Phylogenomics of African radiation of Praomyini (Muridae: Murinae) rodents: First fully resolved phylogeny, evolutionary history and delimitation of extant genera. 2021 , 163, 107263	6
561	The role of behavioural flexibility in primate diversification. 2021 , 180, 269-290	1
560	Dated phylogeny and ancestral range estimation of sand scorpions (Buthidae: Buthacus) reveal Early Miocene divergence across land bridges connecting Africa and Asia. 2021 , 164, 107212	2
559	OUP accepted manuscript.	0
558	A new somasteroid from the Fezouata Lagerstätte in Morocco and the Early Ordovician origin of Asterozoa. 2021 , 17, 20200809	4
557	Genome-wide macroevolutionary signatures of key innovations in butterflies colonizing new host plants. 2021 , 12, 354	15
556	Patterns of Body Shape Diversity and Evolution in Intertidal and Subtidal Lineages of Combtooth Blennies (Blenniidae). 2021 , 3, obab004	0

555	Taxonomic realignment of <i>Senecio glaucophyllus</i> (Asteraceae; Senecioneae) necessitates a new name for a widespread New Zealand species. 2021 , 59, 376-396	1
554	Genome-wide analysis reveals signatures of complex introgressive gene flow in macaques (genus). 2021 , 42, 433-449	2
553	Data partitioning and correction for ascertainment bias reduce the uncertainty of placental mammal divergence times inferred from the morphological clock. 2019 , 9, 2255-2262	7
552	Total-Evidence Dating and the Fossilized BirthDeath Model. 2020 , 175-193	1
551	The Phylogeny and Classification of Predaceous Diving Beetles. 2014 , 49-172	13
550	The phylogenetic significance of the stem morpho-anatomy in the Hylocereeae (Cactoideae, Cactaceae). 2020 , 306, 1	4
549	A new jeholornithiform exhibits the earliest appearance of the fused sternum and pelvis in the evolution of avialan dinosaurs. 2020 , 199, 104401	8
548	Understanding the Tripartite Approach to Bayesian Divergence Time Estimation. 2020 ,	7
547	An early Cambrian euarthropod with radiodont-like raptorial appendages. 2020 , 588, 101-105	16
546	Global-scale phylogenetic linguistic inference from lexical resources. 2018 , 5, 180189	15
545	New Australian Paronellidae (Collembola) reveal anomalies in existing tribal diagnoses. 2017 , 31, 375	9
544	Molecular evidence of three species in the <i>Pseudocaranx dentex</i> complex (Carangidae) in Australian waters. 2020 , 71, 518	3
543	The genealogy of geebungs: phylogenetic analysis of <i>Persoonia</i> (Proteaceae) and related genera in subfamily Persoonioideae. 2018 , 31, 166	3
542	Phylogenetic linguistic evidence and the Dene-Yeniseian homeland. 2020 , 37, 410-446	1
541	First record of <i>Meizonyx salvadorensis</i> (Mammalia: Xenarthra: Pilosa) from the late Pleistocene of Mexico and its evolutionary implications. 2020 , 18, 1829-1851	1
540	Computational Molecular Evolution. 2006 ,	547
539	Phylogeny reconstruction: overview. 2006 , 73-99	1
538	Maximum likelihood methods. 2006 , 100-144	2

537	Bayesian methods. 2006 , 145-184		1
536	Neutral and adaptive protein evolution. 2006 , 259-292		2
535	Molecular Evolution. 2014 ,		146
534	IQ-TREE 2: New Models and Efficient Methods for Phylogenetic Inference in the Genomic Era. 2020 , 37, 1530-1534		1466
533	Morphological Phylogenetics Evaluated Using Novel Evolutionary Simulations. <i>Systematic Biology</i> , 2020 , 69, 897-912	8.4	10
532	A defensive body plan was pre-adaptive for termitophily in the rove beetle tribe Termitohospitini (Staphylinidae: Aleocharinae).		1
531	Avoiding ascertainment bias in the maximum likelihood inference of phylogenies based on truncated data.		3
530	Divergence and introgression in small apes, the genus <i>Hylobates</i> , revealed by reduced representation sequencing.		1
529	Phylogenomics of <i>Mycobacterium africanum</i> reveals a new lineage and a complex evolutionary history.		4
528	Global FAW population genomic signature supports complex introduction events across the Old World.		10
527	No Assembly Required: Using BTyper3 to Assess the Congruency of a Proposed Taxonomic Framework for the <i>Bacillus cereus</i> group with Historical Typing Methods.		1
526	Macroevolutionary Analyses Provide New Evidences of Phasmids Wings Evolution as a Reversible Process.		4
525	Exceptional Late Devonian arthropods document the origin of decapod crustaceans.		1
524	A phylogenomic perspective on gene tree conflict and character evolution in Caprifoliaceae using target enrichment data, with Zabelioideae recognized as a new subfamily.		1
523	The complex history of genome duplication and hybridization in North American gray treefrogs.		2
522	Fossils improve phylogenetic analyses of morphological characters.		0
521	What drives results in Bayesian morphological clock analyses?.		4
520	Rethinking phylogenetic comparative methods.		4

519	Novel Integrative Modeling of Molecules and Morphology across Evolutionary Timescales.	9
518	GET_PHYLOMARKERS, a software package to select optimal orthologous clusters for phylogenomics and inferring pan-genome phylogenies, used for a critical geno-taxonomic revision of the genus <i>Stenotrophomonas</i> .	1
517	A molecular phylogeny of bedbugs elucidates the evolution of host associations and sex-reversal of reproductive trait diversification.	1
516	A Simulation-Based Evaluation of Total-Evidence Dating Under the Fossilized Birth-Death Process.	3
515	SKA: Split Kmer Analysis Toolkit for Bacterial Genomic Epidemiology.	12
514	BEAST 2.5: An Advanced Software Platform for Bayesian Evolutionary Analysis.	12
513	<i>Bacillus clarus</i> sp. nov. is a new <i>Bacillus cereus</i> group species isolated from soil.	4
512	Bayesian Tip-dated Phylogenetics: Topological Effects, Stratigraphic Fit and the Early Evolution of Mammals.	5
511	Mismatch of the morphology model is mostly unproblematic in total-evidence dating: insights from an extensive simulation study.	6
510	Ultra-Conserved Elements and morphology reciprocally illuminate conflicting phylogenetic hypotheses in Chalcididae (Hymenoptera, Chalcidoidea).	2
509	Incorporating uncertainty is essential to macroecological inferences: Grass, grit, and the evolution of kangaroos.	3
508	An African origin for <i>Mycobacterium bovis</i> .	1
507	Proposal of a taxonomic nomenclature for the <i>Bacillus cereus</i> group which reconciles genomic definitions of bacterial species with clinical and industrial phenotypes.	2
506	Genetic structure at national and regional scale in a long-distance dispersing pest organism, the bird cherry bat aphid <i>Rhopalosiphum padi</i> .	1
505	Predicting Evolutionary Transitions in Tooth Complexity With a Morphogenetic Model.	1
504	IQ-TREE 2: New models and efficient methods for phylogenetic inference in the genomic era.	18
503	The 'biomineralization toolkit' and the origin of animal skeletons. 2020 , 95, 1372-1392	27
502	Burrowing into the forest: Phylogeny of the Asian forest scorpions (Scorpionidae: Heterometrinae) and the evolution of ecomorphotypes. 2021 , 37, 109-161	2

501	Planetary Processes and Their Interactions with Earthworm Distributions and Ecology. 2004 , 53-62	12
500	Systematics of the Short-Tailed Whipscorpion Genus <i>Stenochrus</i> Chamberlin, 1922 (Schizomida: Hubbardiidae), with Descriptions of Six New Genera and Five New Species. 2019 , 2019, 1	4
499	Systematic Revision of the Asian Forest Scorpions (Heterometrinae Simon, 1879), Revised Suprageneric Classification of Scorpionidae Latreille, 1802, and Revalidation of Rugodentidae Bastawade et al., 2005. 2020 , 442,	6
498	A New Morphological Dataset Reveals a Novel Relationship for the Adzebills of New Zealand (Aptornis) and Provides a Foundation for Total Evidence Neoavian Phylogenetics. 2019 , 2019, 1	4
497	The deep(er) roots of Eukaryotes and Akaryotes. 2020 , 9, 112	1
496	Overcoming the effects of rogue taxa: Evolutionary relationships of the bee flies. 2011 , 3, RRN1233	13
495	Next-generation phenomics for the Tree of Life. 2013 , 5,	33
494	Phylogeny of diving beetles reveals a coevolutionary arms race between the sexes. 2007 , 2, e522	52
493	Molecular phylogeny of the Astrophorida (Porifera, Demospongiae(p)) reveals an unexpected high level of spicule homoplasy. 2011 , 6, e18318	52
492	Data partitions, Bayesian analysis and phylogeny of the zygomycetous fungal family Mortierellaceae, inferred from nuclear ribosomal DNA sequences. 2011 , 6, e27507	30
491	The hymenopteran tree of life: evidence from protein-coding genes and objectively aligned ribosomal data. 2013 , 8, e69344	84
490	Variation in stem anatomical characteristics of Campanuloideae species in relation to evolutionary history and ecological preferences. 2014 , 9, e88199	9
489	Seed diversity in the tribe Miconieae (Melastomataceae): taxonomic, systematic, and evolutionary implications. 2014 , 9, e100561	9
488	Functional conservation and divergence of four ginger AP1/AGL9 MADS-box genes revealed by analysis of their expression and protein-protein interaction, and ectopic expression of AhFUL gene in Arabidopsis. 2014 , 9, e114134	10
487	A review of <i>Shamosuchus</i> and <i>Paralligator</i> (Crocodyliformes, Neosuchia) from the Cretaceous of Asia. 2015 , 10, e0118116	57
486	Phylogenetic Reconstruction, Morphological Diversification and Generic Delimitation of <i>Disepalum</i> (Annonaceae). 2015 , 10, e0143481	9
485	A New Centrosaurine Ceratopsid, <i>Machairoceratops cronusi</i> gen et sp. nov., from the Upper Sand Member of the Wahweap Formation (Middle Campanian), Southern Utah. 2016 , 11, e0154403	19
484	Decoupled Evolution between Senders and Receivers in the Neotropical <i>Allobates femoralis</i> Frog Complex. 2016 , 11, e0155929	4

483	A New Morphological Phylogeny of the Ophiuroidea (Echinodermata) Accords with Molecular Evidence and Renders Microfossils Accessible for Cladistics. 2016 , 11, e0156140	48
482	The Origin of Large-Bodied Shrimp that Dominate Modern Global Aquaculture. 2016 , 11, e0158840	12
481	Integration of Morphological Data into Molecular Phylogenetic Analysis: Toward the Identikit of the Stylasterid Ancestor. 2016 , 11, e0161423	2
480	The Impact of Reconstruction Methods, Phylogenetic Uncertainty and Branch Lengths on Inference of Chromosome Number Evolution in American Daisies (<i>Melampodium</i> , Asteraceae). 2016 , 11, e0162299	11
479	Redescription and Phylogenetic Placement of <i>Hemicalypterus weiri</i> Schaeffer, 1967 (Actinopterygii, Neopterygii) from the Triassic Chinle Formation, Southwestern United States: New Insights into Morphology, Ecological Niche, and Phylogeny. 2016 , 11, e0163657	13
478	Empirical and Bayesian approaches to fossil-only divergence times: A study across three reptile clades. 2017 , 12, e0169885	30
477	Mosasauroid phylogeny under multiple phylogenetic methods provides new insights on the evolution of aquatic adaptations in the group. 2017 , 12, e0176773	19
476	BEASTling: A software tool for linguistic phylogenetics using BEAST 2. 2017 , 12, e0180908	8
475	Phylogeny of quill mites of the family Syringophilidae (Acari: Prostigmata) based on their external morphology. 2013 , 110, 663-675	3
474	Contribution to the taxonomy and phylogeny of the genus <i>Polia</i> Ochsenheimer, 1816 (Noctuidae, Noctuinae, Hadenini): species groups and pairs in the Holarctic subgenus <i>Polia</i> s. str.. 2020 , 66, 35-67	1
473	LAS: an integrated language analysis tool for multiple languages. 2016 , 1, 35	4
472	<i>Udea ruckdescheli</i> sp. n. from Crete and its phylogenetic relationships (Pyraloidea, Crambidae, Spilomelinae). 2016 , 39, 123-135	5
471	Total evidence phylogeny of Pontederiaceae (Commelinales) sheds light on the necessity of its recircumscription and synopsis of L. 2018 , 25-83	19
470	Taxonomic review and phylogenetic analysis of fifteen North American Entomobrya (Collembola, Entomobryidae), including four new species. 2015 , 1-75	9
469	Oldest skeleton of a fossil flying squirrel casts new light on the phylogeny of the group. 2018 , 7,	10
468	A Bayesian approach to dynamic homology of morphological characters and the ancestral phenotype of jawed vertebrates. 2020 , 9,	3
467	A new genus of oryzomyine rodents (Cricetidae, Sigmodontinae) with three new species from montane cloud forests, western Andean cordillera of Colombia and Ecuador. 2020 , 8, e10247	6
466	The phylogeny and systematics of Xiphosura. 2020 , 8, e10431	14

465	New phiomorph rodents from the latest Eocene of Egypt, and the impact of Bayesian "clock"-based phylogenetic methods on estimates of basal hystricognath relationships and biochronology. 2016 , 4, e1717	70
464	From commensalism to parasitism in Carapidae (Ophidiiformes): heterochronic modes of development?. 2016 , 4, e1786	7
463	Hyainailourine and teratodontine cranial material from the late Eocene of Egypt and the application of parsimony and Bayesian methods to the phylogeny and biogeography of Hyainodontia (Placentalia, Mammalia). 2016 , 4, e2639	24
462	Specimen-level phylogenetics in paleontology using the Fossilized Birth-Death model with sampled ancestors. 2017 , 5, e3055	10
461	The fossil Osmundales (Royal Ferns)-a phylogenetic network analysis, revised taxonomy, and evolutionary classification of anatomically preserved trunks and rhizomes. 2017 , 5, e3433	23
460	Littorally adaptive? Testing the link between habitat, morphology, and reproduction in the intertidal sculpin subfamily Oligocottinae (Pisces: Cottoidea). 2017 , 5, e3634	12
459	Inferring 'weak spots' in phylogenetic trees: application to mosasauroid nomenclature. 2017 , 5, e3782	19
458	New whaitsioids (Therapsida: Therocephalia) from the Teekloof Formation of South Africa and therocephalian diversity during the end-Guadalupian extinction. 2017 , 5, e3868	12
457	Including autapomorphies is important for paleontological tip-dating with clocklike data, but not with non-clock data. 2018 , 6, e4553	18
456	Phylogeny and divergence times of suckers (Cypriniformes: Catostomidae) inferred from Bayesian total-evidence analyses of molecules, morphology, and fossils. 2018 , 6, e5168	12
455	What is an archaeon and are the Archaea really unique?. 2018 , 6, e5770	6
454	A new phylogenetic analysis of Phytosauria (Archosauria: Pseudosuchia) with the application of continuous and geometric morphometric character coding. 2018 , 6, e5901	22
453	An evaluation of alternative methods for constructing phylogenies from whole genome sequence data: a case study with Salmonella. 2014 , 2, e620	39
452	Genetic data of museum specimens allow for inferring evolutionary history of the cosmopolitan genus (Heteroptera: Reduviidae). 2019 , 7, e6640	1
451	Phylogenomic analysis and revised classification of atypoid mygalomorph spiders (Araneae, Mygalomorphae), with notes on arachnid ultraconserved element loci. 2019 , 7, e6864	33
450	A revision of the diagnosis and affinities of the metriorhynchoids (Crocodylomorpha, Thalattosuchia) from the Rosso Ammonitico Veronese Formation (Jurassic of Italy) using specimen-level analyses. 2019 , 7, e7364	4
449	Concordance and discordance of sequence survey methods for molecular epidemiology. 2015 , 3, e761	5
448	The systematics of the Cervidae: a total evidence approach. 2020 , 8, e8114	26

447	Estimating the evolutionary rates in mosasauroids and plesiosaurs: discussion of niche occupation in Late Cretaceous seas. 2020 , 8, e8941	8
446	Tip dating with fossil sites and stratigraphic sequences. 2020 , 8, e9368	4
445	The phylogenetics of Teleosauroidea (Crocodylomorpha, Thalattosuchia) and implications for their ecology and evolution. 2020 , 8, e9808	11
444	Resolving the <i>Tetrastigma loheri</i> s. l. Species Complex (Vitaceae) in the Philippines: No Evidence for Recognizing More than One Species. 2021 , 46, 750-763	0
443	Total evidence tip-dating phylogeny of platyrrhine primates and 27 well-justified fossil calibrations for primate divergences.	3
442	Diversification along a benthic to pelagic gradient contributes to fish diversity in the world's largest lake (Lake Baikal, Russia). 2021 ,	0
441	The Evolutionary History of New Zealand Is Marked by Long-Distance Dispersal, Endemism, and Hybridization. 2021 , 10,	0
440	Nutlet micromorphology and character evolution of <i>Lappula</i> species (Boraginaceae) and its systematic implications. 2021 , 62, 17	
439	Integrative systematics of Neotropical porcupines of <i>Coendou prehensilis</i> complex (Rodentia: Erethizontidae). 2021 , 59, 2410	2
438	Leaf epidermal micromorphology defining the clades in (Lauraceae). 2021 , 182, 125-148	4
437	The history of body size evolution in termites.	
436	Characterization of Basal Transcriptomes Identifies Potential Metabolic and Virulence-Associated Adaptations Among Diverse Nontyphoidal Serovars. 2021 , 12, 730411	1
435	The first record of egg masses in tunicates deposited by the snubnose sculpin, <i>Orthonopias triacis</i> , from the Northeastern Pacific: evidence for convergent evolution of an unusual reproductive strategy. 2021 ,	
434	Plastid phylogenomics of the Gynoxoid group (Senecioneae, Asteraceae) highlights the importance of motif-based sequence alignment amid low genetic distances. 2021 , 108, 2235-2256	1
433	A tardigrade in Dominican amber. 2021 , 288, 20211760	3
432	Combining genomic, phenotypic and Sanger sequencing data to elucidate the phylogeny of the two-clawed spiders (Dionycha). 2022 , 166, 107327	5
431	Crab in amber reveals an early colonization of nonmarine environments during the Cretaceous. 2021 , 7, eabj5689	5
430	Models of amino acid and codon substitution. 2006 , 40-70	1

429 Models of nucleotide substitution. **2006**, 3-39

428 Simulating molecular evolution. **2006**, 293-307

4

427 Perspectives. **2006**, 308-310

426 Comparison of methods and tests on trees. **2006**, 185-220

425 5 Quantitative Approaches to Phylogenetics. **2007**, 167-215

424 Molecules, Morphology, Fossils and the Origination and Extinction Dynamics of Scleractinian Corals. **2011**, 17, 61-77

423 References. **2012**, 135-154

422 Molecular evolution of cpDNA trnL-F region in Korean *Thalictrum* L. (Ranunculaceae) and its phylogenetic relationships: Impacts of indel events. **2012**, 42, 13-23

421 Quantitative Approaches to Phylogenetics. **2013**, 1-33

420 Phylogeny reconstruction: overview. **2014**, 70-101

419 Comparison of phylogenetic methods and tests on trees. **2014**, 153-181

418 Molecular clock and estimation of species divergence times. **2014**, 361-389

417 Models of amino acid and codon substitution. **2014**, 35-69

416 Maximum likelihood methods. **2014**, 102-152

415 Bayesian theory. **2014**, 182-213

414 Simulating molecular evolution. **2014**, 418-441

0

413 Neutral and adaptive protein evolution. **2014**, 390-417

412 Appendices. **2014**, 442-449

411 Bayesian phylogenetics. **2014**, 263-307

410 Coalescent theory and species trees. **2014**, 308-360

409 Bayesian computation (MCMC). **2014**, 214-262

408 Quantitative Approaches to Phylogenetics. **2015**, 257-294

407 Bioinformatics Aspects of Foodborne Pathogen Research. **2017**, 51-64

406 Bayesian and likelihood phylogenetic reconstructions of morphological traits are not discordant when taking uncertainty into consideration. A comment on Putticket al.

405 Use of Continuous Traits Can Improve Morphological Phylogenetics. 0

404 Novelty by Furcation and Fusion: How tree-like is evolution?.

403 Experimental signal dissection and method sensitivity analyses reaffirm the potential of fossils and morphology in the resolution of the relationship of angiosperms and Gnetales. 1

402 Integration of anatomy ontologies and evo-devo using structured Markov models suggests a new framework for modeling discrete phenotypic traits. 0

401 Morphological phylogenetic analysis with inapplicable data. 1

400 Testing the role of the Red Queen and Court Jester as drivers of the macroevolution of Apollo butterflies.

399 Quantifying and visualising divergence between pairs of phylogenetic trees: implications for phylogenetic reconstruction.

398 What is an archaeon and are the Archaea really unique?.

397 Phenotypic classification of moluccas ring cowrie, *Cypraea annulus* linn., 1758 (gastropod: cypraeidae), based on shell meristical. **2018**, 7,

396 Bayesian and likelihood placement of fossils on phylogenies from quantitative morphometrics.

395 Influence of different modes of morphological character correlation on phylogenetic tree inference. 0

394 Bayesian tip dating reveals heterogeneous morphological clocks in Mesozoic birds.

- 393 Sexual Dichromatism Drives Diversification Within a Major Radiation of African Amphibians.
- 392 Improvements in the fossil record may largely resolve the conflict between morphological and molecular estimates of mammal phylogeny.
- 391 Characterization of emetic and diarrheal *Bacillus cereus* strains from a 2016 foodborne outbreak using whole-genome sequencing: addressing the microbiological, epidemiological, and bioinformatic challenges.
- 390 Genomic epidemiology of syphilis reveals independent emergence of macrolide resistance across multiple circulating lineages. 1
- 389 Illustrating phylogenetic placement of fossils using RoguePlots: An example from ichneumonid parasitoid wasps (Hymenoptera, Ichneumonidae) and an extensive morphological matrix. 0
- 388 The Invariant Nature of a Morphological Character and Character State: Insights from Gene Regulatory Networks. 0
- 387 Ancestral Reconstruction of Protein Interaction Networks.
- 386 Bayesian Estimation of Species Divergence Times Using Correlated Quantitative Characters. 2
- 385 Phylogeny, ancestors and anagenesis in the hominin fossil record. 1
- 384 Memory in trait macroevolution.
- 383 treesiftr: An R package and server for viewing phylogenetic trees and data. **2019**, 2, 35
- 382 Combined Phylogenetic Analysis in *Echinocereus* (Cactaceae), the Use of Morphology, and Taxonomic Implications. **2019**, 239-269 0
- 381 Comparative analyses of phenotypic sequences using phylogenetic trees. 1
- 380 Cranial anatomy of the predatory actinopterygian *Brazilichthys macrognathus* from the Permian (Cisuralian) Pedra de Fogo Formation, Parnaíba Basin, Brazil.
- 379 Bacterial Population Genomics. **2019**, 997-1020 3
- 378 Genome-scale profiling reveals higher proportions of phylogenetic signal in non-coding data.
- 377 Death is on Our Side: Paleontological Data Drastically Modify Phylogenetic Hypotheses.
- 376 Mesoamerica is a cradle and the Atlantic Forest is a museum of Neotropical butterfly diversity: Insights from the evolution and biogeography of Brassolini (Lepidoptera: Nymphalidae).

- 375 A multivariate phylogenetic comparative method incorporating a flexible function between discrete and continuous traits.
- 374 Comparative Genomics Shows Differences in the Electron Transport and Carbon Metabolic Pathways of *Mycobacterium africanum* relative to *Mycobacterium tuberculosis* and suggests an adaptation to low oxygen tension.
- 373 Much more than a clasp: Evolutionary pattern of amplexus diversity in anurans.
- 372 Mind the Outgroup: Influence of Taxon Sampling on Total-Evidence Dating of Pimpliform Parasitoid Wasps (Hymenoptera, Ichneumonidae). 1
- 371 Local adaptation fuels cryptic speciation in terrestrial annelids.
- 370 Bayesian Phylogenomic Dating. **2020**, 221-249 1
- 369 Principles of Molecular Dating. **2020**, 67-81 0
- 368 A Total-Evidence Dated Phylogeny of Echinoids and the Evolution of Body Size across Adaptive Landscape. 2
- 367 Phylogenomics of monitor lizards and the role of competition in dictating body size disparity.
- 366 Evolution, Ecology and Conservation of Lorises and Pottos. **2020**, 2
- 365 Integrando análisis morfológicos y filogenéticos: de la sistemática fenética a la morfometría filogenética. **2020**, 0
- 364 Spatiotemporal dimensions of a reproductive life history trait in a spiny lizard radiation (Squamata: Phrynosomatidae).
- 363 The legacy of recurrent introgression during the radiation of hares.
- 362 Endochondral bone in an Early Devonian placoderm from Mongolia.
- 361 Synonymization of the male-based ant genus *Phaulomyrma* (Hymenoptera, Formicidae) with *Leptanilla* based upon Bayesian total-evidence phylogenetic inference.
- 360 Fossil evidence unveils an early Cambrian origin for Bryozoa. **2021**, 599, 251-255 11
- 359 Ignoring fossil age uncertainty leads to inaccurate topology and divergence times in time calibrated tree inference.
- 358 Tooth size apportionment, Bayesian inference, and the phylogeny of *Homo naledi*.

- 357 Clock Models for Evolution of Discrete Phenotypic Characters. **2020**, 101-113 1
- 356 Macroevolutionary analysis of discrete character evolution using parsimony-informed likelihood.
- 355 Contrasting population structure and demographic history of cereal aphids in different environmental and agricultural landscapes.
- 354 The Deep(er) Roots of Eukaryotes and Akaryotes.
- 353 The deep(er) roots of Eukaryotes and Akaryotes. **2020**, 9, 112
- 352 Alignment-Integrated Reconstruction of Ancestral Sequences Improves Accuracy.
- 351 Character evolution of modern fly-speck fungi and implications for interpreting thyrtothelial fossils.
- 350 A codon model for associating phenotypic traits with altered selective patterns of sequence evolution. 0
- 349 An Extraordinary Rosette and Resurrection New Spikemoss, *Selaginella iridescens* (Selaginellaceae) from Hainan Island, China. **2021**, 1, 302-312 0
- 348 Evidence linking life form to a major shift in diversification rate in *Crassula*. **2021**, 0
- 347 Dispersal, not vicariance, explains the biogeographic origin of iguanas on Madagascar. **2021**, 167, 107345 0
- 346 Genome-wide macroevolutionary signatures of key innovations in butterflies colonizing new host plants.
- 345 The role of behavioural flexibility in primate diversification.
- 344 A New Paralog Removal Pipeline Resolves Conflict between RAD-seq and Enrichment. 0
- 343 Inferring the Total-Evidence Timescale of Marattialean Fern Evolution in the Face of Model Sensitivity. 0
- 342 Geographically structured genomic diversity of non-human primate-infecting subsp.. **2020**, 6, 1
- 341 Molecular Evaluation of the Fairy Shrimp Family Branchinectidae (Crustacea: Anostraca) Supports Peripatric Speciation and Complex Divergence Patterns. **2020**, 59, e14
- 340 Finding (Hemiptera: Pentatomidae): A Phylogenetic Placement and the Description of Its Sister Species. **2021**, 60, e11

- 339 Rethinking the pollination syndromes in Hymenaea (Leguminosae): the role of anthesis in the diversification. **2021**, 93, e20191446
- 338 Computational molecular phylogeny: concepts and applications. **2022**, 67-89
- 337 Global dispersal and diversification in ground beetles of the subfamily Carabinae. **2021**, 167, 107355 0
- 336 TreeSearch: morphological phylogenetic analysis in R. 1
- 335 New fossil wasp species from the earliest Eocene Fur Formation has its closest relatives in late Eocene ambers (Hymenoptera, Ichneumonidae, Pherhombinae).
- 334 Tube-dwelling in early animals exemplified by Cambrian scalidophoran worms. **2021**, 19, 243 3
- 333 Improved resolution of recalcitrant nodes in the animal phylogeny through the analysis of genome gene content and morphology. 0
- 332 The complex history of genome duplication and hybridization in North American gray treefrogs. **2021**, 2 2
- 331 Impacts of Taxon-Sampling Schemes on Bayesian Molecular Dating under the Unresolved Fossilized Birth-Death Process. 0
- 330 The evolution of body size in termites. **2021**, 288, 20211458 1
- 329 Tetrapodophis amplexus is not a snake: re-assessment of the osteology, phylogeny and functional morphology of an Early Cretaceous dolichosaurid lizard. 1-60 1
- 328 Discussion on *Abelliscolex* (Cricocosmiidae: Palaeoscolecidomorpha) from the early Cambrian Chengjiang Biota and the evolution of seriation in Ecdysozoa by Shi et al. 2021 (JGS, jgs2021-060). jgs2021-111¹
- 327 Revisiting proboscidean phylogeny and evolution through total evidence and palaeogenetic analyses including ancient DNA. **2022**, 25, 103559 3
- 326 OUP accepted manuscript. 0
- 325 Phylogenetic placement of the spider genus Taczanowskia (Araneae:Araneidae) and description of a new species from Ecuador. **2021**, 35, 742 0
- 324 The Molecular Clock as a Tool for Understanding Host-Parasite Evolution. **2021**, 417-450 6
- 323 Phylogeny, evolution, and classification of the ant genus *Lasius*, the tribe Lasiini and the subfamily Formicinae (Hymenoptera: Formicidae). **2022**, 47, 113-151 2
- 322 Cultural macroevolution in the middle to late Holocene Arctic of east Siberia and north America. **2022**, 65, 101388 1

321	iK-means: an improvement of the iterative k-means partitioning algorithm. 2020,	0
320	Across the benthic and pelagic realms: a species-level phylogeny of Benthescymidae (Crustacea:Decapoda). 2021, 35, 776	1
319	Pantropical diversification of padauk trees and relatives was influenced by biome-switching and long-distance dispersal.	0
318	40 new specimens of Ichthyornis provide unprecedented insight into the postcranial morphology of crownward stem group birds.	2
317	Efficient pollination and high reproductive success in two Brazilian Spiranthinae orchids: Insights on the evolutionary history of pollination within the Pelexia clade.	1
316	Down, then up: non-parallel genome size changes and a descending chromosome series in a recent radiation of Australian allotetraploid plant species, <i>Nicotiana</i> section <i>Suaveolentes</i> (Solanaceae).. 2022,	6
315	A wMel Wolbachia variant in <i>Aedes aegypti</i> from field-collected <i>Drosophila melanogaster</i> with increased phenotypic stability under heat stress.	0
314	Rapid alignment updating with Extensiphy.	
313	Relaxed Feeding Constraints Facilitate the Evolution of Mouthbrooding in Neotropical Cichlids.. 2022, 199, E197-E210	0
312	Fossil papilionoids of the Bowdichia clade (Leguminosae) from the Paleogene of North America.. 2022,	0
311	, a New Genus of Fireflies Endemic to the Amazon Rainforest (Coleoptera: Lampyridae).. 2022, 13,	0
310	OUP accepted manuscript.	2
309	Cranial osteology of <i>Hypoptophis</i> (Aparallactinae: Atractaspididae: Caenophidia), with a discussion on the evolution of its fossorial adaptations.. 2022,	
308	Miniaturization during a Silurian environmental crisis generated the modern brittle star body plan.. 2022, 5, 14	2
307	Rocks and clocks revised: New promises and challenges in dating the primate tree of life.. 2022,	0
306	Development of a Genomics-Based Approach To Identify Putative Hypervirulent Nontyphoidal Salmonella Isolates: <i>Salmonella enterica</i> Serovar Saintpaul as a Model.. 2022, e0073021	0
305	Extending beyond Gondwana: Cretaceous Cunoniaceae from western North America.. 2022,	1
304	Phylogenetic placement and description of an extinct genus and species of kitefin shark based on tooth fossils (Squaliformes: Dalatiidae). 2021, 19, 1083-1096	0

- 303 Phylogenetic relationships in and implications on and (Cactaceae, Cactoideae, Cactaceae).. **2022**, 188, 115-165 2
- 302 OUP accepted manuscript. 1
- 301 Variation of the Rdr1 gene insertion in wild populations of *Nicotiana benthamiana* (Solanaceae) and insights into recent species divergence.
- 300 Appraising widespread resprouting but variable levels of postfire seeding in Australian ecosystems: the effect of phylogeny, fire regime and productivity. **2022**, 0
- 299 Long evolutionary history of an emerging fungal pathogen of diverse tree species in eastern Asia, Australia, and the Pacific Islands.. **2022**, 0
- 298 Genome-wide association reveals host-specific genomic traits in *Escherichia coli*.
- 297 Phylogenomics and biogeography of *Torreya* (Taxaceae) [Integrating data from three organelle genomes, morphology, and fossils and a practical method for reducing missing data from RAD-seq. 0
- 296 Morphological volatility precedes ecological innovation in early echinoderms.. **2022**, 1
- 295 New opabiniid diversifies the weirdest wonders of the euarthropod stem group.. **2022**, 289, 20212093 2
- 294 A new species of *Manuherikia* (Aves: Anatidae) provides evidence of faunal turnover in the St Bathans Fauna, New Zealand. **2022**, 70, 87-107 3
- 293 Integrating Fossil Flowers into the Angiosperm Phylogeny using a Total Evidence Approach. 0
- 292 Evolution and systematics of the Aculeata and kin (Hymenoptera), with emphasis on the ants (Formicoidea: [@@@idae fam. nov., Formicidae). 0
- 291 New Diminutive Eocene Lizard Reveals High K-Pg Survivorship and Taxonomic Diversity of Stem Xenosaurs in North America. **2022**, 2022,
- 290 Reticulate: An R framework for interaction with RevBayes. 1
- 289 Cambrian edrioasteroid reveals new mechanism for secondary reduction of the skeleton in echinoderms.. **2022**, 289, 20212733 1
- 288 TopHap: Rapid inference of key phylogenetic structures from common haplotypes in large genome collections with limited diversity.. **2022**, 0
- 287 A new marrellomorph arthropod from southern Ontario: a rare case of soft-tissue preservation on a Late Ordovician open marine shelf. 1-16 1
- 286 SIEVE: joint inference of single-nucleotide variants and cell phylogeny from single-cell DNA sequencing data. 0

285	Unraveling the evolutionary history of the snakefly family Inocelliidae (Insecta: Raphidioptera) through integrative phylogenetics.. 2022 ,	1
284	A wMel Wolbachia variant in <i>Aedes aegypti</i> from field-collected <i>Drosophila melanogaster</i> with increased phenotypic stability under heat stress.. 2022 ,	0
283	Phylogenetic and morphological analyses of <i>Pilosocereus leucocephalus</i> group s.s. (Cactaceae) reveal new taxonomical implications.. 2022 , 1	1
282	Terrestrial arthropods broadly possess endogenous phytohormones auxin and cytokinins.. 2022 , 12, 4750	1
281	Integrative taxonomy solves taxonomic impasses: a case study from Epyrinae (Hymenoptera, Bethyliidae).	1
280	Bayesian and parsimony phylogeny of <i>Augochlora</i> bees (Hymenoptera: Apoidea) based on morphology: insights for their biogeography and natural history. 80, 99-115	
279	A Cambrian soft-bodied conical animal illustrates the origins of lophophorate phyla.	1
278	An exceptionally preserved <i>Sphenodon</i> -like sphenodontian reveals deep time conservation of the tuatara skeleton and ontogeny.. 2022 , 5, 195	2
277	Global population genomic signature of <i>Spodoptera frugiperda</i> (fall armyworm) supports complex introduction events across the Old World.. 2022 , 5, 297	3
276	Phylogenetic analysis of Middle-Late Miocene apes.. 2022 , 165, 103140	0
275	From modern to classic: Classification of the planthopper family Issidae (Hemiptera, Auchenorrhyncha, Fulgoroidea) derived from a total-evidence phylogeny.	0
274	Gauging ages of tiger swallowtail butterflies using alternate SNP analyses.. 2022 , 107465	
273	A new, exceptionally well-preserved Permian actinopterygian fish from the Minnekahta Limestone of South Dakota, USA. 2021 , 19, 1271-1302	0
272	<i>Calcatessedia</i> gen.n. a new genus sister to <i>Grammedessa</i> Correia & Fernandes (Heteroptera, Pentatomidae, Edessinae) based on a cladistic analysis. 2021 , 53, 200-220	
271	Termite eusociality and contrasting selective pressure on social and innate immunity. 2022 , 76, 1	2
270	TopHap: Rapid inference of key phylogenetic structures from common haplotypes in large genome collections with limited diversity.. 2021 ,	1
269	Bizarre morphology in extinct Eocene bugs (Heteroptera: Pentatomidae).. 2021 , 8, 211466	0
268	Robust analysis of phylogenetic tree space.. <i>Systematic Biology</i> , 2021 ,	8.4 3

267	An early Cambrian polyp reveals an anemone-like ancestor for medusozoan cnidarians.	1
266	Selecting and averaging relaxed clock models in Bayesian tip dating of Mesozoic birds. 1-13	1
265	The genetic population structure of Lake Tanganyika's Lates species flock, an endemic radiation of pelagic top predators. 2021 ,	
264	Phylogenetic analysis of <i>Peniocereus</i> (Cactaceae, Echinocereeae) based on five chloroplast DNA markers. 2021 , 44, 903-916	0
263	The Ordovician diversification of sea urchins: systematics of the Bothriocidaroida (Echinodermata: Echinoidea). 1-54	2
262	Early cephalopod evolution clarified through Bayesian phylogenetic inference.. 2022 , 20, 88	0
261	Data_Sheet1.ZIP. 2018 ,	
260	Table_1.docx. 2018 ,	
259	Data_Sheet_1.docx. 2020 ,	
258	Image_1.jpg. 2019 ,	
257	Image_2.jpg. 2019 ,	
256	Image_3.pdf. 2019 ,	
255	Image_4.jpg. 2019 ,	
254	Presentation_1.pdf. 2018 ,	
253	Image_1.TIF. 2019 ,	
252	Image_2.TIF. 2019 ,	
251	Image_3.TIFF. 2019 ,	
250	Image_4.TIFF. 2019 ,	

249 Image_5.TIFF. 2019,

248 Image_6.TIFF. 2019,

247 Image_7.TIF. 2019,

246 Table_1.xls. 2019,

245 Table_10.DOC. 2019,

244 Table_2.XLSX. 2019,

243 Table_3.xls. 2019,

242 Table_4.XLSX. 2019,

241 Table_5.XLSX. 2019,

240 Table_6.DOC. 2019,

239 Table_7.XLSX. 2019,

238 Table_8.DOC. 2019,

237 Table_9.DOC. 2019,

236 Data_Sheet_1.PDF. 2019,

235 Table_1.DOCX. 2019,

234 Table_2.DOCX. 2019,

233 Table_3.xlsx. 2019,

232 Table_4.DOCX. 2019,

231 Table_5.DOCX. 2019,

230 Data_Sheet_1.DOCX. 2020,

229 Table_1.DOCX. 2020,

228 Table_2.XLSX. 2020,

227 Table_3.XLSX. 2020,

226 Table_4.XLSX. 2020,

225 Table_5.docx. 2020,

224 Data_Sheet_1.PDF. 2020,

223 Data_Sheet_2.PDF. 2020,

222 Data_Sheet_1.PDF. 2020,

221 Data_Sheet_2.PDF. 2020,

220 Data_Sheet_3.PDF. 2020,

219 Table_1.XLSX. 2020,

218 Table_2.XLSX. 2020,

217 Table_3.XLSX. 2020,

216 Table_4.XLSX. 2020,

215 Table_5.XLSX. 2020,

214 Table_6.XLSX. 2020,

213 Table_7.XLSX. 2020,

212 Data_Sheet_1.XLSX. 2020,

211 Data_Sheet_2.docx. 2020,

210 Image_1.TIFF. 2019,

209 Image_2.TIFF. 2019,

208 Image_3.TIFF. 2019,

207 Image_4.TIFF. 2019,

206 Table_1.DOCX. 2019,

205 Table_2.DOCX. 2019,

204 Table_3.DOCX. 2019,

203 Table_4.DOCX. 2019,

202 Table_1.docx. 2020,

201 Image_1.TIF. 2019,

200 Image_2.TIF. 2019,

199 Image_3.TIF. 2019,

198 Image_4.TIF. 2019,

197 Image_5.TIF. 2019,

196 Table_1.DOCX. 2019,

195 Table_2.DOCX. 2019,

194 Table_3.DOCX. 2019,

193 Table_4.DOCX. 2019,

192 Table_5.DOCX. 2019,

191 Data_Sheet_1.pdf. 2018,

190 DataSheet_1.pdf. 2020,

189 DataSheet_2.pdf. 2020,

188 DataSheet_3.pdf. 2020,

187 DataSheet_4.pdf. 2020,

186 Table_1.xlsx. 2020,

185 Table_2.pdf. 2020,

184 Table_3.pdf. 2020,

183 Table_4.pdf. 2020,

182 Table_5.pdf. 2020,

181 Table_6.pdf. 2020,

180 Image_1.PDF. 2018,

179 Table_1.PDF. 2018,

178 OUP accepted manuscript.

177 OUP accepted manuscript.

176 Darwin wasps (Hymenoptera, Ichneumonidae) in Lower Eocene amber from the Paris basin. 89, 19-45 1

175 Phylogeny and biogeography of the ancient spider family Filistatidae (Araneae) is consistent both with long-distance dispersal and vicariance following continental drift.. 2022, 2

174 RAD-Seq and Ecological Niche Reveal Genetic Diversity, Phylogeny, and Geographic Distribution of and Its Closely Related Species.. 2022, 13, 857016

173 Genomic insights into recent species divergence in *Nicotiana benthamiana* and natural variation in Rdr1 gene controlling viral susceptibility.. 2022, 1

172 The rapid evolution of lungfish durophagy.. 2022, 13, 2390 0

171 Chani-Posse et al.: A new rove-beetle Neotropical genus systematic treatment of the Neotropical Philonthina (Coleoptera, Staphylinidae, Staphylinini): *Carmenlyrus* gen. nov. and its phylogenetic relationships. 2022,

170 Uncovering overlooked diversity using molecular phylogenetic approach: a case of Japanese sphaeriid clams (Sphaeriidae: Bivalvia).. 2022, 107508 0

169 Between a rock and a dry place: phylogenomics, biogeography, and systematics of ridge-tailed monitors (Squamata: Varanidae: *Varanus acanthurus* complex).. 2022, 107516 0

168 Systematics of *Lepidothrix* manakins (Aves: Passeriformes: Pipridae) using RADcap markers.. 2022, 107525 0

167 Taxonomy and phylogenetic analysis of the South American genus. 2022, 36, 306-353 0

166 Ancestral Body Plan and Adaptive Radiation of Sauropterygian Marine Reptiles. 0

165 Secondary reversion to sexual monomorphism associated with tissue-specific loss of doublesex expression.

164 The Reevaluation of *Salacia Lombardii* (Celastraceae) Based on Phylogenetic Position and Biogeographic Implications.

163 Sexual selection promotes giraffoid head-neck evolution and ecological adaptation. 2022, 376, 2

162 Redescription, taxonomy and phylogenetic relationships of *Boavus* Marsh, 1871 (Serpentes: Booidea) from the early-middle Eocene of the USA. 2021, 19, 1601-1622

161 Phylogeny, infrageneric classification and historical biogeography of *Mesochila* Rivalier, 1969 (Coleoptera: Cicindelidae), with the performance of different phylogenetic inferences using morphological data compared. 80, 117-135

160 Incomplete lineage sorting and reticulate evolution mask species relationships in Brunelliaceae, an Andean family with rapid, recent diversification. 0

- 159 The fossil record of sabre-tooth characins (Teleostei: Characiformes: Cynodontinae), their phylogenetic relationships and palaeobiogeographical implications. 1-14
- 158 Testing the monophyly of Chaetarthriinae (Coleoptera, Hydrophilidae) and the phylogenetic position of Guyanobius with larval characters. 80, 229-242
- 157 Molecular Dating of Phylogeny of Sturgeons (Acipenseridae) Based on Total Evidence Analysis. **2022**, 58, 718-729 1
- 156 The diversity of elaborate petals in Isopyreae (Ranunculaceae): a special focus on nectary structure. 0
- 155 Fine-scale spatial genetic structure in a locally abundant native bunchgrass (*Achnatherum thurberianum*) including distinct lineages revealed within seed transfer zones.
- 154 The COVID-19 pandemic sparked off a large-scale outbreak of carbapenem-resistant *Acinetobacter baumannii* from the endemic strains of an Italian hospital.
- 153 Giant dwarf crocodiles from the Miocene of Kenya and crocodylid faunal dynamics in the late Cenozoic of East Africa.
- 152 Craniodental Morphology and Phylogeny of Marsupials. **2022**, 457, 6
- 151 Gene expression phylogenies and ancestral transcriptome reconstruction resolves major transitions in the origins of pregnancy. 11, 2
- 150 Lineage and role in integrative taxonomy of a heterotrophic orchid complex. 0
- 149 A three-eyed radiodont with fossilized neuroanatomy informs the origin of the arthropod head and segmentation. **2022**, 1
- 148 An integrative phylogenetic approach for inferring relationships of fossil gobioids (Teleostei: Gobiiformes). **2022**, 17, e0271121 0
- 147 Secondary reversion to sexual monomorphism associated with tissue-specific loss of doublesex expression.
- 146 Analysis of Diversified Radio and Television Data Based on Adaptive Least Squares Support Vector Machine. **2022**, 2022, 1-14
- 145 Female terminalia morphology and cladistic relations among Tok-Tok beetles (Tenebrionidae: Sepidiini). 1
- 144 Ultrastructure reveals ancestral vertebrate pharyngeal skeleton in yunnanozoans. **2022**, 377, 218-222 2
- 143 Population genomic structure in Goodman's mouse lemur reveals long-standing separation of Madagascar's Central Highlands and eastern rainforests. 1
- 142 The first fossil Hybocephalini (Coleoptera: Staphylinidae: Pselaphinae) from the middle Eocene of Europe and its evolutionary and biogeographic implications. 80, 279-294 1

- 141 Evaluating the accuracy of methods for detecting correlated rates of molecular and morphological evolution. 0
- 140 Appendices. **2006**, 311-318
- 139 Preface. **2006**, vii-x
- 138 Dedication. **2006**, v-vi
- 137 Copyright Page. **2006**, iv-iv
- 136 Preface. **2014**, vii-viii
- 135 Copyright Page. **2014**, iv-iv
- 134 Foreword. **2014**, v-vi
- 133 Permian parallelisms: Reanalysis of *†*shekardocoleidae sheds light on the earliest evolution of the Coleoptera. 3
- 132 On the systematic position of the Early Cretaceous fern genus *Athyrium* **2022**,
- 131 A scalable analytical approach from bacterial genomes to epidemiology. **2022**, 377, 0
- 130 Phylogenomic structure and speciation in an emerging model: the *Sphagnum magellanicum* complex (Bryophyta). 0
- 129 Integrating Fossil Observations Into Phylogenetics Using the Fossilized BirthDeath Model. **2022**, 53, 0
- 128 First Phylogeny of *Pseudolychnuris* Reveals Its Polyphyly and a Staggering Case of Convergence at the Andean Paramos (Lampyridae: Lampyrini). **2022**, 13, 697 0
- 127 Bayesian inference reveals a complex evolutionary history of belemnites.
- 126 Towards a unifying systematic scheme of fossil and living billfishes (Teleostei, Istiophoridae). **2022**, 20,
- 125 Inaccurate fossil placement does not compromise tip-dated divergence times. 1
- 124 Evolution and development of male-specific leg brushes in *Drosophilidae*. 0

- 123 Establishment of an allotetraploid fern species, *Lepisorus yamaokae* Seriz., between two highly niche-differentiated parental species.
- 122 Phylogenetic analysis of the predatory plant bug subfamily Deraeocorinae (Hemiptera: Heteroptera: Miridae) based on molecular and morphological data. ○
- 121 *Saccorhynchus* is an early ecdysozoan and not the earliest deuterostome. 1
- 120 A new horseshoe crab from the Permian-Triassic transition of South China: Xiphosurids as key components of post-extinction trophic webs. **2022**, 602, 111178
- 119 The reevaluation of *Salacia lombardii* (Celastraceae) based on phylogenetic position and biogeographic implications. **2022**, 118, 103962
- 118 Phylogenomics AND biogeography of *Castanea* (chestnut) and *Hamamelis* (witch-hazel) [Choosing between RAD-seq and Hyb-Seq approaches. **2022**, 176, 107592 2
- 117 Revision of the Cretaceous shark *Protoxynotus* (Chondrichthyes, Squaliformes) and early evolution of somniosid sharks. **2022**, 140, 105331 1
- 116 Comprehensive taxon sampling and vetted fossils help clarify the time tree of shorebirds (Aves, Charadriiformes). **2022**, 177, 107620 ○
- 115 Lifestyle Evolution Analysis by Binary-State Speciation and Extinction (BiSSE) Model. **2022**, 327-342 ○
- 114 Ancestral State Reconstruction Using BayesTraits. **2022**, 255-266 ○
- 113 Comparative Analysis of Complete Chloroplast Genome and Phenotypic Characteristics of Japanese Apricot Accessions. **2022**, 8, 794 ○
- 112 Mitogenome selection in the evolution of key ecological strategies in the ancient hexapod class Collembola. **2022**, 12, ○
- 111 Species delimitation in the *Trichocentrum cepula* (Oncidiinae, Orchidaceae) complex: a multidisciplinary approach. **2022**, 20, ○
- 110 Relative performance of Bayesian morphological clock and parsimony methods for phylogenetic reconstructions: Insights from the case of Myomiminae and Dryomyinae glirid rodents. ○
- 109 Paleogene forest fragmentation and out-of-Africa dispersal explain radiation of the Paleotropical dung beetle tribe Epactoidini trib. nov. (Coleoptera: Scarabaeinae). **2022**, 47, 655-667 ○
- 108 Re-description of the early Triassic diapsid *Palacrodon* from the lower Fremouw formation of Antarctica. ○
- 107 The systematics of Tachymenini (Serpentes, Dipsadidae): An updated classification based on molecular and morphological evidence. ○
- 106 Systematics of *Amphineurus* (*Rhamphoneurus* Alexander) (Diptera: Tipuloidea: Limoniidae). 80, 439-494 ○

- 105 Divergence Dating and Biogeography of Xenosauridae Including Fossils as Terminal Taxa. **2022**, 56, 0
- 104 Comprehensive analysis of pathogen-responsive wheat NAC transcription factors: new candidates for crop improvement. 0
- 103 Phylotranscriptomics reveal the spatio-temporal distribution and morphological evolution of *Macrozamia*, an Australian endemic genus of Cycadales. 0
- 102 *Innovatiocaris*, a complete radiodont from the early Cambrian Chengjiang Lagerstätte and its implications for the phylogeny of Radiodonta. 0
- 101 Unlocking the evolution of abdominal specializations in *Luciuranus* fireflies (Coleoptera, Lampyridae). 0
- 100 Exceptional preservation of organs in Devonian placoderms from the Gogo Lagerstätte. **2022**, 377, 1311-1314 2
- 99 A Cambrian tomotiid preserving soft tissues reveals the metamerism of lophophorates. **2022**, 1
- 98 The First Reconstruction of the Head Anatomy of a Cretaceous Insect, *Gerontofornica gracilis* (Hymenoptera: Formicidae), and the Early Evolution of Ants. **2022**, 6, 0
- 97 A comparative atlas of selected skeletal elements of European urodeles (Amphibia: Urodela) for palaeontological investigations. 1
- 96 Genomic analysis reveals strong population structure in the Giant Sydney Crayfish (*Euastacus spinifer* (Heller, 1865)). **2022**, 107629 0
- 95 Breeding system and geospatial variation shape the population genetics of *Triodanis perfoliata*. **2022**, 12, 0
- 94 Hybridization order is not the driving factor behind biases in duplicate gene losses among the hexaploid Solanaceae. **2022**, 289, 1
- 93 The Genomic Diversity of the *Eliurus* genus in northern Madagascar with a Putative New Species. 0
- 92 Characterising indel diversity in a large *Mycobacterium tuberculosis* outbreak: implications for transmission reconstruction. 0
- 91 Biogeographical events, not cospeciation, might be the main drivers in the historical association between *Noctiliostrebla* species (Streblidae) and their bulldog bat hosts. 0
- 90 Contrasting modes of macro and microsynteny evolution in a eukaryotic subphylum. **2022**, 0
- 89 Morphology-based phylogenetic analysis of South American Sericini chafers (Coleoptera, Scarabaeidae) contrasts patterns of morphological disparity and current classification. **2022**, 0
- 88 Estimating the age of poorly dated fossil specimens and deposits using a total-evidence approach and the fossilized birth-death process. 0

- 87 Plant Scent and Plant-Insect Interactions [Review and Outlook from a Macroevolutionary Perspective. 0
- 86 Intestinal preservation in a birdlike dinosaur supports conservatism in digestive canal evolution among theropods. **2022**, 12, 0
- 85 Stable Ancestral Body Plan and Adaptive Radiation of Sauropterygian Marine Reptiles. **2022**, 105635 0
- 84 The phylogeny of *Syntrichia* Brid.: An ecologically diverse clade of mosses with an origin in South America. 0
- 83 Total evidence phylogeny of platyrrhine primates and a comparison of undated and tip-dating approaches. **2023**, 174, 103293 0
- 82 Climate Relicts: Asian Scorpion Family Pseudochactidae Survived Miocene Aridification in Caves of the Annamite Mountains. **2022**, 6, 0
- 81 Cranial remains of *Ramsayia magna* from the Late Pleistocene of Australia and the evolution of gigantism in wombats (Marsupialia, Vombatidae). **2022**, 8, 1
- 80 Evolutionary origins of the prolonged extant squamate radiation. **2022**, 13, 0
- 79 Profile of a flower: How rates of morphological evolution drive floral diversification in Ericales. 0
- 78 Cretaceous ornithurine supports a neognathous crown bird ancestor. **2022**, 612, 100-105 4
- 77 A New Genus and Two New Species of Fireflies from South America (Lampyridae: Lampyrinae: Photinini). **2022**, 14, 1005 0
- 76 A new Paleogene fossil and a new dataset for waterfowl (Aves: Anseriformes) clarify phylogeny, ecological evolution, and avian evolution at the K-Pg Boundary. 0
- 75 SIEVE: joint inference of single-nucleotide variants and cell phylogeny from single-cell DNA sequencing data. **2022**, 23, 0
- 74 HyperHMM: Efficient inference of evolutionary and progressive dynamics on hypercubic transition graphs. 0
- 73 NGS-based genome wide association study helps to develop co-dominant marker for the physical map-based locus of PFRU controlling flowering in cultivated octoploid strawberry. **2023**, 219, 0
- 72 Phylogenomics of the Ancient and Species-Depauperate Gars Tracks 150 Million Years of Continental Fragmentation in the Northern Hemisphere. 0
- 71 Forty new specimens of *Ichthyornis* provide unprecedented insight into the postcranial morphology of crownward stem group birds. 10, e13919 1
- 70 Evaluating the Impact of Anatomical Partitioning on Summary Topologies Obtained with Bayesian Phylogenetic Analyses of Morphological Data. 0

- 69 Phylogenetic revision of Dennstaedtioideae (Dennstaedtiaceae: Polypodiales) with description of *Mucura*, gen. nov.. ○
- 68 The oldest Gondwanan fossil of Leiinae (Diptera, Mycetophilidae): Phylogenetic and evolutionary implications. ○
- 67 Morphological evolution during the last hurrah of the trilobites: morphometric analysis of the Devonian asteropyginid trilobites. 1-17 ○
- 66 Morphology and genetics of grasshopper mice revisited in a paleontological framework: reinstatement of *Onychomyini* (Rodentia, Cricetidae). 1
- 65 Following the aridity: historical biogeography and diversification of the Philodromidae spider genus *Petrichus* in South America. **2022**, 107684 ○
- 64 Parallelism and lineage replacement of the late Miocene scimitar-toothed cats from the old and New World. **2022**, 25, 105637 ○
- 63 The Phylogeny and Classification of Predaceous Diving Beetles (Coleoptera: Dytiscidae). **2023**, 55-185 ○
- 62 Phylogenetic analysis of the *Belostoma plebejum* group sensu Nieser (Insecta, Hemiptera, Belostomatidae): the effect of adding continuous characters on its accuracy. 81, 1-34 ○
- 61 Are dark septate endophytes an ancestral ecological state in the evolutionary history of the order Chaetothyriales?. **2023**, 205, ○
- 60 The unbearable uncertainty of panarthropod relationships. **2023**, 19, ○
- 59 Systematics and diversification of the *Ichthyomyini* (Cricetidae, Sigmodontinae) revisited: evidence from molecular, morphological, and combined approaches. 11, e14319 ○
- 58 Phylogenomics, divergence time estimation, and adaptive evolution in the *Polygonoideae* (Polygonaceae). ○
- 57 Defining ancestry, heritability and plasticity of cellular phenotypes in somatic evolution. ○
- 56 Phylogenetic Analysis of Libyan Thyme (*Thymus Capitatus*) Inferred from The Morphological Traits. **2022**, 37, 385-393 ○
- 55 Phylogenetics and the Cenozoic radiation of lampreys. **2022**, ○
- 54 An early Cambrian polyp reveals a potential anemone-like ancestor for medusozoan cnidarians. **2023**, 66, ○
- 53 Ancient deep ocean as a harbor of biotic innovation revealed by Carboniferous ophiuroid microfossils. **2023**, 51, 157-161 ○
- 52 Population genomic analysis of an emerging pathogen *Lonsdalea quercina* affecting various species of oaks in western North America. ○

- 51 POInT: Modeling Polyploidy in the Era of Ubiquitous Genomics. **2023**, 77-90 ○
- 50 Phylotranscriptomics Shed Light on Intrageneric Relationships and Historical Biogeography of *Ceratozamia* (Cycadales). **2023**, 12, 478 ○
- 49 TNT version 1.6, with a graphical interface for MacOS and Linux, including new routines in parallel. 1
- 48 Statistical evaluation of character support reveals the instability of higher-level dinosaur phylogeny. ○
- 47 High genetic diversity and blaNDM-1 prevalence among *Acinetobacter baumannii* in Nigerian hospitals. ○
- 46 Whole-genome resequencing reveals recent divergence of geographic populations of the dung beetle *Phelotrupes auratus* with color variation. **2023**, 13, ○
- 45 Molecular phylogenetics of *Maranta* (Marantaceae: Zingiberales): non-monophyly and support for a wider circumscription. ○
- 44 Phylogenetic position of *Bohemiacinctus* gen. nov. (Echinodermata, Cincta) from the Cambrian of Bohemia: implications for macroevolution and the role of taxon sampling in palaeobiological systematics. **2023**, 9, ○
- 43 X-ray microtomography of the late Carboniferous whip scorpions (Arachnida, Thelyphonida) *Geralinura britannica* and *Proschizomus petrunkevitchi*. **2023**, 21, ○
- 42 New phylogenetic Markov models for inapplicable morphological characters. ○
- 41 *Distimake vitifolius* (Convolvulaceae): reclassification of a widespread species in view of phylogenetics and convergent pollen evolution. ○
- 40 Handling Logical Character Dependency in Phylogenetic Inference: Extensive Performance Testing of Assumptions and Solutions Using Simulated and Empirical Data. ○
- 39 Diversification models conflate likelihood and prior, and cannot be compared using conventional model-comparison tools. ○
- 38 phytools 2.0: An updated R ecosystem for phylogenetic comparative methods (and other things). ○
- 37 Fagalean phylogeny in a nutshell: Chronicling the diversification history of Fagales. ○
- 36 The biogeography of extant lungfishes traces the breakup of Gondwana. ○
- 35 Triassic stem caecilian supports dissorophoid origin of living amphibians. **2023**, 614, 102-107 ○
- 34 An updated analysis of hominin phylogeny with an emphasis on re-evaluating the phylogenetic relationships of *Australopithecus sediba*. **2023**, 175, 103311 ○

- 33 A Phylogenetic and Morphological Evolution Study of *Ribes* L. in China Using RAD-Seq. **2023**, 12, 829 ○
- 32 rphenoscate: An R package for semantic-aware evolutionary analyses of anatomical traits. ○
- 31 Systematics and Phylogenetic Interrelationships of the Enigmatic Late Jurassic Shark *Protospinax annectans* Woodward, 1918 with Comments on the Shark Bay Sister Group Relationship. **2023**, 15, 311 1
- 30 Morphological disparity and evolutionary rates of cranial and postcranial characters in sloths (Mammalia, Pilosa, Folivora). **2023**, 66, 1
- 29 Anatomy and phylogeny of a new small macraucheniid (Mammalia: Litopterna) from the Bahía Inglesa Formation (late Miocene), Atacama Region, Northern Chile. ○
- 28 Apomictic Mountain Whitebeam (*Sorbus austriaca*, Rosaceae) Comprises Several Genetically and Morphologically Divergent Lineages. **2023**, 12, 380 1
- 27 An earliest Paleocene squirrelfish (Teleostei: Beryciformes: Holocentroidea) and its bearing on the timescale of holocentroid evolution. **2023**, 21, ○
- 26 Cranial anatomy of *Nyctosaurus larvatus* Owen, 1876, an Early Triassic cynodont preserving a natural endocast. ○
- 25 Relict duck-billed dinosaurs survived into the last age of the dinosaurs in subantarctic Chile. ○
- 24 Evolutionary contingency in lingulid brachiopods across mass extinctions. **2023**, ○
- 23 Phylogeny of Serpulidae (Annelida, Polychaeta) Inferred from Morphology and DNA Sequences, with a New Classification. **2023**, 15, 398 ○
- 22 The phylogeny and evolutionary ecology of hoverflies (Diptera: Syrphidae) inferred from mitochondrial genomes. **2023**, 184, 107759 ○
- 21 A new diminutive durophagous Miocene dasyuromorphian (Marsupialia, Malleodectidae) from the Riversleigh World Heritage Area, northern Australia. ○
- 20 Impacts of Taxon-Sampling Schemes on Bayesian Tip Dating Under the Fossilized Birth-Death Process. ○
- 19 Evolutionary transitions from camouflage to aposematism: Hidden signals play a pivotal role. **2023**, 379, 1136-1140 ○
- 18 Total evidence analysis elucidates the tangled systematic scenario within Fidicinini (Hemiptera: Auchenorrhyncha, Cicadidae). 81, 35-77 ○
- 17 Cranial and mandibular anatomy of *Plastomenus thomasii* and a new time-tree of trionyhid evolution. **2023**, 142, ○
- 16 Phylogenetic Analysis of Allotetraploid Species Using Polarized Genomic Sequences. ○

- 15 The evolutionary relationships of Diprotodontia and improving the accuracy of phylogenetic inference from morphological data. 1-13 ○
- 14 The COVID-19 Pandemic Sparked Off a Large-Scale Outbreak of Carbapenem-Resistant *Acinetobacter baumannii* from the Endemic Strains at an Italian Hospital. **2023**, 11, ○
- 13 Exploring genome gene content and morphological analysis to test recalcitrant nodes in the animal phylogeny. **2023**, 18, e0282444 ○
- 12 Crinoid calyx origin from stem radial echinoderms. 1-24 ○
- 11 Integrating Fossil Flowers into the Angiosperm Phylogeny Using Molecular and Morphological Evidence. ○
- 10 The oldest case of paedomorphosis in rove beetles and description of a new genus of Paederinae from Cretaceous amber (Coleoptera: Staphylinidae). **2023**, 13, ○
- 9 Fine-scale spatial genetic structure in a locally abundant native bunchgrass (*Achnatherum thurberianum*) including distinct lineages revealed within seed transfer zones. ○
- 8 The relative transmission fitness of multidrug-resistant *Mycobacterium tuberculosis* in a drug resistance hotspot. **2023**, 14, ○
- 7 Genome-wide association reveals host-specific genomic traits in *Escherichia coli*. **2023**, 21, ○
- 6 Phylogenetic analysis of Blaberoidea reveals non-monophyly of taxa and supports the creation of multiple new subfamilies. ○
- 5 High Genetic Diversity of Carbapenem-Resistant *Acinetobacter baumannii* Isolates Recovered in Nigerian Hospitals in 2016 to 2020. ○
- 4 Three-dimensional morphology of the biramous appendages in *Isoxys* from the early Cambrian of South China, and its implications for early euarthropod evolution. **2023**, 290, ○
- 3 New Cretaceous empidoidea and the Mesozoic dance fly revolution (Diptera: Empidoidea). ○
- 2 Description of a New Species of *Parathalestris* Brady & Robertson, 1873 (Copepoda: Harpacticoida: Thalestridae) from China, with a Key to Its Affiliated Species Group. **2023**, 15, 577 ○
- 1 Genome-wide data reveal cryptic diversity and hybridization in a group of tree ferns. **2023**, 107801 ○