

# CITATION REPORT

List of articles citing

**Diversitree: comparative phylogenetic analyses of diversification in R**

**DOI: 10.1111/j.2041-210x.2012.00234.x**

**Methods in Ecology and Evolution, 2012, 3, 1084-1092.**

**Source:** <https://exaly.com/paper-pdf/53741363/citation-report.pdf>

**Version:** 2024-04-27

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

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

#	Paper	IF	Citations
679	A new multi-locus timescale reveals the evolutionary basis of diversity patterns in triggerfishes and filefishes (Balistidae, Monacanthidae; Tetraodontiformes). <i>Molecular Phylogenetics and Evolution</i> , <b>2013</b> , 69, 165-76	4.1	33
678	Phylogenetic evidence for a shift in the mode of mammalian body size evolution at the Cretaceous-Palaeogene boundary. <i>Methods in Ecology and Evolution</i> , <b>2013</b> , 4, 734-744	7.7	132
677	Phylogenetic estimates of speciation and extinction rates for testing ecological and evolutionary hypotheses. <b>2013</b> , 28, 729-36		80
676	Key innovations and island colonization as engines of evolutionary diversification: a comparative test with the Australasian diplodactyloid geckos. <b>2013</b> , 26, 2662-80		28
675	Corolla morphology influences diversification rates in bifid toadflaxes ( <i>Linaria</i> sect. <i>Versicolores</i> ). <i>Annals of Botany</i> , <b>2013</b> , 112, 1705-22	4.1	33
674	Large-scale phylogenetic analyses reveal the causes of high tropical amphibian diversity. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2013</b> , 280, 20131622	4.4	174
673	Is parasitism of metazoa a one-way ticket? <b>2013</b> , 93, 1196-1206		1
672	Is self-fertilization an evolutionary dead end?. <i>New Phytologist</i> , <b>2013</b> , 198, 386-397	9.8	142
671	Using phylogenetic information and the comparative method to evaluate hypotheses in macroecology. <i>Methods in Ecology and Evolution</i> , <b>2013</b> , 4, 401-415	7.7	46
670	Species selection and the macroevolution of coral coloniality and photosymbiosis. <b>2013</b> , 67, 1607-21		20
669	Evolution of viviparity: a phylogenetic test of the cold-climate hypothesis in phrynosomatid lizards. <b>2013</b> , 67, 2614-30		43
668	Two new graphical methods for mapping trait evolution on phylogenies. <i>Methods in Ecology and Evolution</i> , <b>2013</b> , 4, 754-759	7.7	176
667	Fruit evolution and diversification in campanulid angiosperms. <b>2013</b> , 67, 3132-44		65
666	An integrative view of phylogenetic comparative methods: connections to population genetics, community ecology, and paleobiology. <b>2013</b> , 1289, 90-105		154
665	Explaining the distribution of breeding and dispersal syndromes in conifers. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2013</b> , 280, 20131812	4.4	27
664	Evolution of a genetic incompatibility in the genus <i>Xiphophorus</i> . <b>2013</b> , 30, 2302-10		13
663	Adaptive radiation of chemosymbiotic deep-sea mussels. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2013</b> , 280, 20131243	4.4	77

662	Developmental mode influences diversification in ascidians. <b>2013</b> , 9, 20130068		13
661	Key ornamental innovations facilitate diversification in an avian radiation. <b>2013</b> , 110, 10687-92		107
660	Recovering speciation and extinction dynamics based on phylogenies. <b>2013</b> , 26, 1203-19		74
659	SUNPLIN: simulation with uncertainty for phylogenetic investigations. <b>2013</b> , 14, 324		14
658	Mapping the shapes of phylogenetic trees from human and zoonotic RNA viruses. <b>2013</b> , 8, e78122		28
657	Evolutionary footprint of coevolving positions in genes. <b>2014</b> , 30, 1241-9		17
656	Evolutionary bursts in Euphorbia (Euphorbiaceae) are linked with photosynthetic pathway. <b>2014</b> , 68, 3485-504		84
655	Life-history specialization was not an evolutionary dead-end in Pyrenean cave beetles. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2014</b> , 281, 20132978	4.4	43
654	Repeated evolution of tricellular (and bicellular) pollen. <i>American Journal of Botany</i> , <b>2014</b> , 101, 559-71	2.7	35
653	Faster speciation and reduced extinction in the tropics contribute to the Mammalian latitudinal diversity gradient. <b>2014</b> , 12, e1001775		211
652	BAMMtools: an R package for the analysis of evolutionary dynamics on phylogenetic trees. <i>Methods in Ecology and Evolution</i> , <b>2014</b> , 5, 701-707	7.7	502
651	Settling down of seasonal migrants promotes bird diversification. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2014</b> , 281, 20140473	4.4	51
650	Convergent and correlated evolution of major life-history traits in the angiosperm genus <i>Leucadendron</i> (Proteaceae). <b>2014</b> , 68, 2775-92		21
649	Do sex chromosomes affect speciation rate? (Retrospective on DOI 10.1002/bies.201100164). <b>2014</b> , 36, 632		3
648	Genomic characterisation of an endometrial pathogenic <i>Escherichia coli</i> strain reveals the acquisition of genetic elements associated with extra-intestinal pathogenicity. <b>2014</b> , 15, 1075		11
647	Seven-locus molecular phylogeny of Myctophiformes (Teleostei; Scopelomorpha) highlights the utility of the order for studies of deep-sea evolution. <i>Molecular Phylogenetics and Evolution</i> , <b>2014</b> , 76, 270-92	4.1	17
646	Is there room for punctuated equilibrium in macroevolution?. <b>2014</b> , 29, 23-32		71
645	Early origin of viviparity and multiple reversions to oviparity in squamate reptiles. <i>Ecology Letters</i> , <b>2014</b> , 17, 13-21	10	193

644	Disentangling the effects of key innovations on the diversification of Bromelioideae (bromeliaceae). <b>2014</b> , 68, 163-75		113
643	Pollinator shifts as triggers of speciation in painted petal irises (Lapeirousia: Iridaceae). <i>Annals of Botany</i> , <b>2014</b> , 113, 357-71	4.1	27
642	Phylogenetic approaches for studying diversification. <i>Ecology Letters</i> , <b>2014</b> , 17, 508-25	10	244
641	The evolutionary reality of higher taxa in mammals. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2014</b> , 281, 20132750	4.4	45
640	A well-constrained estimate for the timing of the salmonid whole genome duplication reveals major decoupling from species diversification. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2014</b> , 281, 20132881	4.4	267
639	The evolution of seed dormancy: environmental cues, evolutionary hubs, and diversification of the seed plants. <i>New Phytologist</i> , <b>2014</b> , 203, 300-9	9.8	205
638	Evolutionary origins and diversification of proteobacterial mutualists. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2014</b> , 281, 20132146	4.4	42
637	geiger v2.0: an expanded suite of methods for fitting macroevolutionary models to phylogenetic trees. <b>2014</b> , 30, 2216-8		363
636	Heterostyly accelerates diversification via reduced extinction in primroses. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2014</b> , 281, 20140075	4.4	66
635	Renewed diversification is associated with new ecological opportunity in the Neotropical turtle ants. <b>2014</b> , 27, 242-58		43
634	Comparative analysis reveals that polyploidy does not decelerate diversification in fish. <b>2014</b> , 27, 391-403		25
633	A revised evolutionary history of Poales: origins and diversification. <b>2014</b> , 175, 4-16		100
632	Dietary innovations spurred the diversification of ruminants during the Cenozoic. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2014</b> , 281, 20132746	4.4	63
631	Detecting Trait-Dependent Diversification Under Diversification Slowdowns. <i>Evolutionary Biology</i> , <b>2014</b> , 41, 201-211	3	9
630	Defense mutualisms enhance plant diversification. <b>2014</b> , 111, 16442-7		101
629	Allopolyploidy, diversification, and the Miocene grassland expansion. <b>2014</b> , 111, 15149-54		130
628	Phylogenetic stochastic mapping without matrix exponentiation. <b>2014</b> , 21, 676-90		7
627	Small and ugly? Phylogenetic analyses of the "selfing syndrome" reveal complex evolutionary fates of monomorphic primrose flowers. <b>2014</b> , 68, 1042-57		33

626	Diversification and the evolution of dispersal ability in the tribe Brassiceae (Brassicaceae). <i>Annals of Botany</i> , <b>2014</b> , 114, 1675-86	4.1	33
625	Specialization and generalization in the diversification of phytophagous insects: tests of the musical chairs and oscillation hypotheses. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2014</b> , 281,	4.4	99
624	A simple measure of the strength of convergent evolution. <i>Methods in Ecology and Evolution</i> , <b>2014</b> , 5, 685-693	7.7	53
623	Correction to Phylogenetic evidence for a shift in the mode of mammalian body size evolution at the Cretaceous-Palaeogene boundary and a note on fitting macroevolutionary models to comparative paleontological data sets. <i>Methods in Ecology and Evolution</i> , <b>2014</b> , 5, 714-718	7.7	15
622	A novel Bayesian method for inferring and interpreting the dynamics of adaptive landscapes from phylogenetic comparative data. <i>Systematic Biology</i> , <b>2014</b> , 63, 902-18	8.4	175
621	Temperate origins of long-distance seasonal migration in New World songbirds. <b>2014</b> , 111, 12115-20		60
620	How traits shape trees: new approaches for detecting character state-dependent lineage diversification. <b>2014</b> , 27, 2035-45		62
619	Model selection in historical biogeography reveals that founder-event speciation is a crucial process in Island Clades. <i>Systematic Biology</i> , <b>2014</b> , 63, 951-70	8.4	658
618	Simulation of Phylogenetic Data. <b>2014</b> , 335-350		2
617	A linear-time algorithm for Gaussian and non-Gaussian trait evolution models. <i>Systematic Biology</i> , <b>2014</b> , 63, 397-408	8.4	447
616	The radiation of the clownfishes has two geographical replicates. <i>Journal of Biogeography</i> , <b>2014</b> , 41, 2140-2149	4.1	39
615	Temperate extinction in squamate reptiles and the roots of latitudinal diversity gradients. <i>Global Ecology and Biogeography</i> , <b>2014</b> , 23, 1126-1134	6.1	43
614	Reconstructing the age and historical biogeography of the ancient flowering-plant family Hydatellaceae (Nymphaeales). <b>2014</b> , 14, 102		15
613	Trait decoupling promotes evolutionary diversification of the trophic and acoustic system of damselfishes. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2014</b> , 281, 20141047	4.4	31
612	Rphylip: an R interface for PHYLIP. <i>Methods in Ecology and Evolution</i> , <b>2014</b> , 5, 976-981	7.7	38
611	The effect of habitat on modern shark diversification. <b>2014</b> , 27, 1536-48		57
610	The role of ecological opportunity in shaping disparate diversification trajectories in a bicontinental primate radiation. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2014</b> , 281, 20131979	4.4	14
609	Tree of Sex: a database of sexual systems. <b>2014</b> , 1, 140015		152

608	mvmorph: an r package for fitting multivariate evolutionary models to morphometric data. <i>Methods in Ecology and Evolution</i> , <b>2015</b> , 6, 1311-1319	7.7	198
607	Mosaic patterns of diversification dynamics following the colonization of Melanesian islands. <b>2015</b> , 5, 16016		23
606	Deciphering the evolution of birdwing butterflies 150 years after Alfred Russel Wallace. <b>2015</b> , 5, 11860		38
605	Salt tolerance is evolutionarily labile in a diverse set of angiosperm families. <b>2015</b> , 15, 90		9
604	Evolutionary rates across gradients. <i>Methods in Ecology and Evolution</i> , <b>2015</b> , 6, 1278-1286	7.7	14
603	Do Mediterranean-type ecosystems have a common history?--insights from the Buckthorn family (Rhamnaceae). <b>2015</b> , 69, 756-71		34
602	Breeding system evolution influenced the geographic expansion and diversification of the core Corvoidea (Aves: Passeriformes). <b>2015</b> , 69, 1874-924		11
601	Morphological innovation, ecological opportunity, and the radiation of a major vascular epiphyte lineage. <b>2015</b> , 69, 2482-95		35
600	Recently evolved diversity and convergent radiations of rainforest mahoganies (Meliaceae) shed new light on the origins of rainforest hyperdiversity. <i>New Phytologist</i> , <b>2015</b> , 207, 327-339	9.8	74
599	A new phylogenetic test for comparing multiple high-dimensional evolutionary rates suggests interplay of evolutionary rates and modularity in lanternfishes (Myctophiformes; Myctophidae). <b>2015</b> , 69, 2425-40		62
598	No substitute for real data: A cautionary note on the use of phylogenies from birth-death polytomy resolvers for downstream comparative analyses. <b>2015</b> , 69, 3207-16		86
597	In and out of refugia: historical patterns of diversity and demography in the North American Caesar's mushroom species complex. <i>Molecular Ecology</i> , <b>2015</b> , 24, 5938-56	5.7	10
596	Which came first: The lizard or the egg? Robustness in phylogenetic reconstruction of ancestral states. <b>2015</b> , 324, 504-16		41
595	The evolution of life cycle complexity in aphids: Ecological optimization or historical constraint?. <b>2015</b> , 69, 1423-1432		23
594	Patterns of host plant utilization and diversification in the brush-footed butterflies. <b>2015</b> , 69, 589-601		28
593	Global diversification of a tropical plant growth form: environmental correlates and historical contingencies in climbing palms. <b>2014</b> , 5, 452		33
592	Phylogenetic analysis in Myrcia section Aulomyrcia and inferences on plant diversity in the Atlantic rainforest. <i>Annals of Botany</i> , <b>2015</b> , 115, 747-61	4.1	35
591	windex: Analyzing Convergent Evolution Using the Wheatsheaf Index in R. <b>2015</b> , 11, 11-4		18

590	Model Adequacy and the Macroevolution of Angiosperm Functional Traits. <b>2015</b> , 186, E33-50		109
589	Coevolution is linked with phenotypic diversification but not speciation in avian brood parasites. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2015</b> , 282, 20152056	4.4	14
588	Temperate radiations and dying embers of a tropical past: the diversification of <i>Viburnum</i> . <i>New Phytologist</i> , <b>2015</b> , 207, 340-354	9.8	62
587	Independent evolution of the sexes promotes amphibian diversification. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2015</b> , 282, 20142213	4.4	20
586	Ancestral state reconstruction, rate heterogeneity, and the evolution of reptile viviparity. <i>Systematic Biology</i> , <b>2015</b> , 64, 532-44	8.4	65
585	Convergent evolution of alternative developmental trajectories associated with diapause in African and South American killifish. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2015</b> , 282,	4.4	68
584	Model inadequacy and mistaken inferences of trait-dependent speciation. <i>Systematic Biology</i> , <b>2015</b> , 64, 340-55	8.4	308
583	Extinction can be estimated from moderately sized molecular phylogenies. <b>2015</b> , 69, 1036-43		70
582	Methods for studying polyploid diversification and the dead end hypothesis: a reply to Soltis et al. (2014). <i>New Phytologist</i> , <b>2015</b> , 206, 27-35	9.8	55
581	On the complexity of triggering evolutionary radiations. <i>New Phytologist</i> , <b>2015</b> , 207, 313-326	9.8	71
580	Evolving through day and night: origin and diversification of activity pattern in modern primates. <b>2015</b> , 26, 789-796		65
579	The role of pollinators in floral diversification in a clade of generalist flowers. <b>2015</b> , 69, 863-78		38
578	The host metabolite D-serine contributes to bacterial niche specificity through gene selection. <b>2015</b> , 9, 1039-51		28
577	Tempo and mode of flower color evolution. <i>American Journal of Botany</i> , <b>2015</b> , 102, 1014-25	2.7	28
576	Neutral Theory Overestimates Extinction Times in Nonhuman Primates. <b>2015</b> , 36, 790-801		
575	Coupling of diversification and pH adaptation during the evolution of terrestrial Thaumarchaeota. <b>2015</b> , 112, 9370-5		54
574	Species Selection Favors Dispersive Life Histories in Sea Slugs, but Higher Per-Offspring Investment Drives Shifts to Short-Lived Larvae. <i>Systematic Biology</i> , <b>2015</b> , 64, 983-99	8.4	34
573	Y fuse? Sex chromosome fusions in fishes and reptiles. <b>2015</b> , 11, e1005237		75

572	Into the light: diurnality has evolved multiple times in geckos. <i>Biological Journal of the Linnean Society</i> , <b>2015</b> , 115, 896-910	1.9	82
571	Higher speciation and lower extinction rates influence mammal diversity gradients in Asia. <b>2015</b> , 15, 11		14
570	Lost and found: The third molars of <i>Callimico goeldii</i> and the evolution of the callitrichine postcanine dentition. <b>2015</b> , 83, 65-73		10
569	Fossil-based comparative analyses reveal ancient marine ancestry erased by extinction in ray-finned fishes. <i>Ecology Letters</i> , <b>2015</b> , 18, 441-50	10	99
568	An engine for global plant diversity: highest evolutionary turnover and emigration in the American tropics. <b>2015</b> , 6, 130		57
567	Phylogeny, hybridization, and life history evolution of <i>Rhinogobius</i> gobies in Japan, inferred from multiple nuclear gene sequences. <i>Molecular Phylogenetics and Evolution</i> , <b>2015</b> , 90, 20-33	4.1	33
566	The evolution of parental care in insects: A test of current hypotheses. <b>2015</b> , 69, 1255-70		46
565	Phylogeny and biogeography of the New World siskins and goldfinches: rapid, recent diversification in the Central Andes. <i>Molecular Phylogenetics and Evolution</i> , <b>2015</b> , 87, 28-45	4.1	30
564	Relationships of diversity, disparity, and their evolutionary rates in squirrels (Sciuridae). <b>2015</b> , 69, 1284-300		48
563	Epoch-based likelihood models reveal no evidence for accelerated evolution of viviparity in squamate reptiles in response to cenozoic climate change. <b>2015</b> , 324, 525-31		3
562	How does biomass distribution change with size and differ among species? An analysis for 1200 plant species from five continents. <i>New Phytologist</i> , <b>2015</b> , 208, 736-49	9.8	153
561	The influence of ecological and geographical context in the radiation of Neotropical sigmodontine rodents. <b>2015</b> , 15, 172		37
560	Antipredator defenses predict diversification rates. <b>2015</b> , 112, 13597-602		46
559	A Unique Trait Associated with Increased Diversification in a Hyperdiverse Family of Tropical Lichen-forming Fungi. <b>2015</b> , 176, 597-606		8
558	The time-dependent reconstructed evolutionary process with a key-role for mass-extinction events. <b>2015</b> , 380, 321-31		29
557	The role of the uplift of the Qinghai-Tibetan Plateau for the evolution of Tibetan biotas. <b>2015</b> , 90, 236-53		369
556	Presence in Mediterranean hotspots and floral symmetry affect speciation and extinction rates in Proteaceae. <i>New Phytologist</i> , <b>2015</b> , 207, 401-410	9.8	14
555	As old as the mountains: the radiations of the Ericaceae. <i>New Phytologist</i> , <b>2015</b> , 207, 355-367	9.8	108



554	Evolution of pollination niches in a generalist plant clade. <i>New Phytologist</i> , <b>2015</b> , 205, 440-53	9.8	31
553	Palaeotropical origins, boreotropical distribution and increased rates of diversification in a clade of edible ectomycorrhizal mushrooms ( <i>Amanita</i> section <i>Caesareae</i> ). <i>Journal of Biogeography</i> , <b>2015</b> , 42, 351-363	4.1	45
552	Trees, branches and (square) roots: why evolutionary relatedness is not linearly related to functional distance. <i>Methods in Ecology and Evolution</i> , <b>2015</b> , 6, 439-444	7.7	45
551	The unsolved challenge to phylogenetic correlation tests for categorical characters. <i>Systematic Biology</i> , <b>2015</b> , 64, 127-36	8.4	265
550	Epiphytic leafy liverworts diversified in angiosperm-dominated forests. <b>2014</b> , 4, 5974		85
549	Unveiling the diversification dynamics of Australasian predaceous diving beetles in the Cenozoic. <i>Systematic Biology</i> , <b>2015</b> , 64, 3-24	8.4	33
548	Rapid diversification of falcons (Aves: Falconidae) due to expansion of open habitats in the Late Miocene. <i>Molecular Phylogenetics and Evolution</i> , <b>2015</b> , 82 Pt A, 166-82	4.1	69
547	Tempo and Mode of the Evolution of Venom and Poison in Tetrapods. <b>2016</b> , 8,		18
546	Extinction in Phylogenetics and Biogeography: From Timetrees to Patterns of Biotic Assemblage. <b>2016</b> , 7, 35		40
545	The biodiversity hotspot as evolutionary hot-bed: spectacular radiation of <i>Erica</i> in the Cape Floristic Region. <b>2016</b> , 16, 190		34
544	Natural Constraints to Species Diversification. <b>2016</b> , 14, e1002532		14
543	Ancestral Reconstruction. <b>2016</b> , 12, e1004763		84
542	A Comprehensive Study of Cyanobacterial Morphological and Ecological Evolutionary Dynamics through Deep Geologic Time. <b>2016</b> , 11, e0162539		45
541	Evolution of Epiphytism and Fruit Traits Act Unevenly on the Diversification of the Species-Rich Genus <i>Peperomia</i> (Piperaceae). <i>Frontiers in Plant Science</i> , <b>2016</b> , 7, 1145	6.2	6
540	No ecological opportunity signal on a continental scale? Diversification and life-history evolution of African true toads (Anura: Bufonidae). <b>2016</b> , 70, 1717-33		31
539	Evolutionary radiations of Proteaceae are triggered by the interaction between traits and climates in open habitats. <i>Global Ecology and Biogeography</i> , <b>2016</b> , 25, 1239-1251	6.1	31
538	Extinction as a driver of avian latitudinal diversity gradients. <b>2016</b> , 70, 860-72		21
537	Niche width impacts vertebrate diversification. <i>Global Ecology and Biogeography</i> , <b>2016</b> , 25, 1252-1263	6.1	37

536	Greater host breadth still not associated with increased diversification rate in the Nymphalidae-A response to Janz et al. <b>2016</b> , 70, 1156-60		5
535	The abiotic and biotic drivers of rapid diversification in Andean bellflowers (Campanulaceae). <i>New Phytologist</i> , <b>2016</b> , 210, 1430-42	9.8	194
534	Why is gynodioecy a rare but widely distributed sexual system? Lessons from the Lamiaceae. <i>New Phytologist</i> , <b>2016</b> , 211, 688-96	9.8	16
533	Time best explains global variation in species richness of amphibians, birds and mammals. <i>Journal of Biogeography</i> , <b>2016</b> , 43, 1069-1079	4.1	37
532	RPANDA: an R package for macroevolutionary analyses on phylogenetic trees. <i>Methods in Ecology and Evolution</i> , <b>2016</b> , 7, 589-597	7.7	161
531	On oscillations and flutterings-A reply to Hamm and Fordyce. <b>2016</b> , 70, 1150-5		17
530	Beyond climate: convergence in fast evolving sclerophylls in Cape and Australian Rhamnaceae predates the mediterranean climate. <i>Journal of Ecology</i> , <b>2016</b> , 104, 665-677	6	24
529	Shedding light on the 'dark side' of phylogenetic comparative methods. <i>Methods in Ecology and Evolution</i> , <b>2016</b> , 7, 693-699	7.7	41
528	Body sizes and diversification rates of lizards, snakes, amphisbaenians and the tuatara. <i>Global Ecology and Biogeography</i> , <b>2016</b> , 25, 187-197	6.1	92
527	Suchian Feeding Success at the Interface of Ontogeny and Macroevolution. <b>2016</b> , 56, 449-58		26
526	Not going with the flow: a comprehensive time-calibrated phylogeny of dragonflies (Anisoptera: Odonata: Insecta) provides evidence for the role of lentic habitats on diversification. <i>Molecular Ecology</i> , <b>2016</b> , 25, 1340-53	5.7	36
525	Dioecy does not consistently accelerate or slow lineage diversification across multiple genera of angiosperms. <i>New Phytologist</i> , <b>2016</b> , 209, 1290-300	9.8	27
524	Increased diversification rates follow shifts to bisexuality in liverworts. <i>New Phytologist</i> , <b>2016</b> , 210, 1121-98	9.8	17
523	Non-equilibrium dynamics and floral trait interactions shape extant angiosperm diversity. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2016</b> , 283,	4.4	53
522	Accelerating Bayesian inference for evolutionary biology models. <b>2017</b> , 33, 669-676		2
521	The influence of habitat on the evolution of plants: a case study across Saxifragales. <i>Annals of Botany</i> , <b>2016</b> , 118, 1317-1328	4.1	9
520	Reinventing the leaf: multiple origins of leaf-like wings in katydids (Orthoptera : Tettigoniidae). <b>2016</b> , 30, 335		13
519	Comparative tests of the role of dewlap size in Anolis lizard speciation. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2016</b> , 283,	4.4	14

518	Omnivory in birds is a macroevolutionary sink. <b>2016</b> , 7, 11250		65
517	Viviparity stimulates diversification in an order of fish. <b>2016</b> , 7, 11271		47
516	Widespread flower color convergence in Solanaceae via alternate biochemical pathways. <i>New Phytologist</i> , <b>2016</b> , 209, 407-17	9.8	35
515	Multiple Loci and Complete Taxonomic Sampling Resolve the Phylogeny and Biogeographic History of Tenrecs (Mammalia: Tenrecidae) and Reveal Higher Speciation Rates in Madagascar's Humid Forests. <i>Systematic Biology</i> , <b>2016</b> , 65, 890-909	8.4	31
514	Repeated gains in yellow and anthocyanin pigmentation in flower colour transitions in the Antirrhineae. <i>Annals of Botany</i> , <b>2016</b> , 117, 1133-40	4.1	11
513	An all-evidence species-level supertree for the palms (Arecaceae). <i>Molecular Phylogenetics and Evolution</i> , <b>2016</b> , 100, 57-69	4.1	50
512	Phylogeny and Divergence Times of Lemurs Inferred with Recent and Ancient Fossils in the Tree. <i>Systematic Biology</i> , <b>2016</b> , 65, 772-91	8.4	98
511	Evolution of a CAM anatomy predates the origins of Crassulacean acid metabolism in the Agavoideae (Asparagaceae). <i>Molecular Phylogenetics and Evolution</i> , <b>2016</b> , 105, 102-113	4.1	55
510	Mutualism Persistence and Abandonment during the Evolution of the Mycorrhizal Symbiosis. <b>2016</b> , 188, E113-E125		67
509	Into the Andes: multiple independent colonizations drive montane diversity in the Neotropical clearwing butterflies Godryridina. <i>Molecular Ecology</i> , <b>2016</b> , 25, 5765-5784	5.7	35
508	Sex determination, longevity, and the birth and death of reptilian species. <b>2016</b> , 6, 5207-20		29
507	PHYLOMETRICS: an R package for detecting macroevolutionary patterns, using phylogenetic metrics and backward tree simulation. <i>Methods in Ecology and Evolution</i> , <b>2016</b> , 7, 806-810	7.7	17
506	Phylogenetic evidence for cladogenetic polyploidization in land plants. <i>American Journal of Botany</i> , <b>2016</b> , 103, 1252-8	2.7	22
505	Herbivory Promotes Dental Disparification and Macroevolutionary Dynamics in Grunters (Teleostei: Terapontidae), a Freshwater Adaptive Radiation. <b>2016</b> , 187, 320-33		24
504	A cautionary note on the use of Ornstein Uhlenbeck models in macroevolutionary studies. <i>Biological Journal of the Linnean Society</i> , <b>2016</b> , 118, 64-77	1.9	157
503	Evolutionary processes underlying latitudinal differences in reef fish biodiversity. <i>Global Ecology and Biogeography</i> , <b>2016</b> , 25, 1466-1476	6.1	26
502	Evolution of the immune system influences speciation rates in teleost fishes. <b>2016</b> , 48, 1204-10		121
501	Integrating Paleontological and Phylogenetic Approaches to Macroevolution. <b>2016</b> , 47, 189-213		50

500	Nonadaptive radiation: Pervasive diet specialization by drift in scale insects?. <b>2016</b> , 70, 2421-2428		23
499	Macroevolution of Specificity in Cyanolichens of the Genus <i>Peltigera</i> Section <i>Polydactylon</i> (Lecanoromycetes, Ascomycota). <i>Systematic Biology</i> , <b>2017</b> , 66, 74-99	8.4	41
498	Phylogenetic distribution of regeneration and asexual reproduction in Annelida: regeneration is ancestral and fission evolves in regenerative clades. <b>2016</b> , 135, 400-414		41
497	SpeciesGeoCoder: Fast Categorization of Species Occurrences for Analyses of Biodiversity, Biogeography, Ecology, and Evolution. <i>Systematic Biology</i> , <b>2017</b> , 66, 145-151	8.4	37
496	Mating System Transitions Drive Life Span Evolution in <i>Pristionchus</i> Nematodes. <b>2016</b> , 187, 517-31		10
495	A simple approach for maximizing the overlap of phylogenetic and comparative data. <i>Methods in Ecology and Evolution</i> , <b>2016</b> , 7, 751-758	7.7	28
494	Whole-genome duplication as a key factor in crop domestication. <b>2016</b> , 2, 16115		119
493	Ancestral Reconstruction: Theory and Practice. <b>2016</b> , 70-77		
492	Antagonistic Interspecific Coevolution. <b>2016</b> , 93-100		1
491	Multi-gene phylogenetic analysis reveals the multiple origin and evolution of mangrove physiological traits through exaptation. <b>2016</b> , 183, 41-51		17
490	Notes on the Statistical Power of the Binary State Speciation and Extinction (BiSSE) Model. <b>2016</b> , 12, 165-74		18
489	Past, future, and present of state-dependent models of diversification. <i>American Journal of Botany</i> , <b>2016</b> , 103, 792-5	2.7	32
488	Is specialization an evolutionary dead end? Testing for differences in speciation, extinction and trait transition rates across diverse phylogenies of specialists and generalists. <b>2016</b> , 29, 1257-67		53
487	Efficient Recycled Algorithms for Quantitative Trait Models on Phylogenies. <b>2016</b> , 8, 1338-50		7
486	Likelihood-Based Parameter Estimation for High-Dimensional Phylogenetic Comparative Models: Overcoming the Limitations of "Distance-Based" Methods. <i>Systematic Biology</i> , <b>2016</b> , 65, 852-70	8.4	30
485	The Baculum was Gained and Lost Multiple Times during Mammalian Evolution. <b>2016</b> , 56, 644-56		38
484	Phylogenomics of a rapid radiation: is chromosomal evolution linked to increased diversification in north american spiny lizards (Genus <i>Sceloporus</i> )?. <b>2016</b> , 16, 63		53
483	Assortative mating and self-fertilization differ in their contributions to reinforcement, cascade speciation, and diversification. <b>2016</b> , 62, 169-181		5

482	Polyploidy and sexual system in angiosperms: Is there an association?. <i>American Journal of Botany</i> , <b>2016</b> , 103, 1223-35	2.7	29
481	Detecting evolutionarily significant units above the species level using the generalised mixed Yule coalescent method. <i>Methods in Ecology and Evolution</i> , <b>2016</b> , 7, 1366-1375	7.7	4
480	Diversification patterns in the CES clade (Brassicaceae tribes Cremolobaeae, Eudemeae, Schizopetaleae) in Andean South America. <b>2016</b> , 181, 543-566		17
479	Species selection and random drift in macroevolution. <b>2016</b> , 70, 513-25		10
478	Detecting Macroevolutionary Self-Destruction from Phylogenies. <i>Systematic Biology</i> , <b>2016</b> , 65, 109-27	8.4	29
477	Detecting Hidden Diversification Shifts in Models of Trait-Dependent Speciation and Extinction. <i>Systematic Biology</i> , <b>2016</b> , 65, 583-601	8.4	258
476	Climatic niche attributes and diversification in Anolis lizards. <i>Journal of Biogeography</i> , <b>2016</b> , 43, 134-144	4.1	22
475	Distinct Processes Drive Diversification in Different Clades of Gesneriaceae. <i>Systematic Biology</i> , <b>2016</b> , 65, 662-84	8.4	41
474	Colony size evolution in ants: macroevolutionary trends. <b>2016</b> , 63, 291-298		19
473	Fossil biogeography: a new model to infer dispersal, extinction and sampling from palaeontological data. <b>2016</b> , 371, 20150225		39
472	The Phylogenetic Association Between Salt Tolerance and Heavy Metal Hyperaccumulation in Angiosperms. <i>Evolutionary Biology</i> , <b>2016</b> , 43, 119-130	3	20
471	Effects of missing data on topological inference using a Total Evidence approach. <i>Molecular Phylogenetics and Evolution</i> , <b>2016</b> , 94, 146-58	4.1	46
470	A Robust Semi-Parametric Test for Detecting Trait-Dependent Diversification. <i>Systematic Biology</i> , <b>2016</b> , 65, 181-93	8.4	91
469	Testing Convergence Versus History: Convergence Dominates Phenotypic Evolution for over 150 Million Years in Frogs. <i>Systematic Biology</i> , <b>2016</b> , 65, 146-60	8.4	70
468	Ancient islands acted as refugia and pumps for conifer diversity. <b>2017</b> , 33, 69-92		27
467	Rphylopars: fast multivariate phylogenetic comparative methods for missing data and within-species variation. <i>Methods in Ecology and Evolution</i> , <b>2017</b> , 8, 22-27	7.7	98
466	Macroevolutionary synthesis of flowering plant sexual systems. <b>2017</b> , 71, 898-912		42
465	The measure of success: geographic isolation promotes diversification in <i>Pachydactylus</i> geckos. <b>2017</b> , 17, 9		16

464	The Evolution of Range Sizes in Mammals and Squamates: Heritability and Differential Evolutionary Rates for Low- and High-Latitude Limits. <i>Evolutionary Biology</i> , <b>2017</b> , 44, 347-355	3	11
463	Biodiversity and Topographic Complexity: Modern and Geohistorical Perspectives. <b>2017</b> , 32, 211-226		107
462	Is BMM Flawed? Theoretical and Practical Concerns in the Analysis of Multi-Rate Diversification Models. <i>Systematic Biology</i> , <b>2017</b> , 66, 477-498	8.4	160
461	Diversification rates in Antirrhineae (Plantaginaceae): The contribution of range shifts and pollination modes. <b>2017</b> , 26, 39-52		5
460	Genetic basis for soma is present in undifferentiated volvocine green algae. <b>2017</b> , 30, 1205-1218		20
459	Host shifts enhance diversification of ectomycorrhizal fungi: diversification rate analysis of the ectomycorrhizal fungal genera <i>Strobilomyces</i> and <i>Afroboletus</i> with an 80-gene phylogeny. <i>New Phytologist</i> , <b>2017</b> , 214, 443-454	9.8	22
458	Inference of Evolutionary Jumps in Large Phylogenies using Lévy Processes. <i>Systematic Biology</i> , <b>2017</b> , 66, 950-963	8.4	31
457	Out of the dark: 350 million years of conservatism and evolution in diel activity patterns in vertebrates. <b>2017</b> , 71, 1944-1959		45
456	Recent origin and rapid speciation of Neotropical orchids in the world's richest plant biodiversity hotspot. <i>New Phytologist</i> , <b>2017</b> , 215, 891-905	9.8	94
455	Extinction and time help drive the marine-terrestrial biodiversity gradient: is the ocean a deathtrap?. <i>Ecology Letters</i> , <b>2017</b> , 20, 911-921	10	23
454	Evolutionary bottlenecks in brackish water habitats drive the colonization of fresh water by stingrays. <b>2017</b> , 30, 1576-1591		10
453	Non-nodulated bacterial leaf symbiosis promotes the evolutionary success of its host plants in the coffee family (Rubiaceae). <i>Molecular Phylogenetics and Evolution</i> , <b>2017</b> , 113, 161-168	4.1	7
452	Secrets of succulence. <b>2017</b> , 68, 2121-2134		42
451	Hummingbird pollination and the diversification of angiosperms: an old and successful association in Gesneriaceae. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2017</b> , 284,	4.4	48
450	Using phylogenomics to understand the link between biogeographic origins and regional diversification in ratsnakes. <i>Molecular Phylogenetics and Evolution</i> , <b>2017</b> , 111, 206-218	4.1	21
449	Species-level phylogeny, fruit evolution and diversification history of <i>Geranium</i> (Geraniaceae). <i>Molecular Phylogenetics and Evolution</i> , <b>2017</b> , 110, 134-149	4.1	18
448	FISSE: A simple nonparametric test for the effects of a binary character on lineage diversification rates. <b>2017</b> , 71, 1432-1442		53
447	The geographical diversification of Furnariides: the role of forest versus open habitats in driving species richness gradients. <i>Journal of Biogeography</i> , <b>2017</b> , 44, 1683-1693	4.1	12

446	Generalist species drive microbial dispersion and evolution. <b>2017</b> , 8, 1162		68
445	Heritability of the Symbiodinium community in vertically- and horizontally-transmitting broadcast spawning corals. <b>2017</b> , 7, 8219		50
444	Big groups attract bad eggs: brood parasitism correlates with but does not cause cooperative breeding. <b>2017</b> , 133, 47-56		2
443	Diversification dynamics of rhynchostomatian ciliates: the impact of seven intrinsic traits on speciation and extinction in a microbial group. <b>2017</b> , 7, 9918		6
442	Both temperature fluctuations and East Asian monsoons have driven plant diversification in the karst ecosystems from southern China. <i>Molecular Ecology</i> , <b>2017</b> , 26, 6414-6429	5-7	38
441	Multispeed genome diploidization and diversification after an ancient allopolyploidization. <i>Molecular Ecology</i> , <b>2017</b> , 26, 6445-6462	5-7	26
440	Frugivory-related traits promote speciation of tropical palms. <b>2017</b> , 1, 1903-1911		40
439	Phylogenetic evidence for mid-Cenozoic turnover of a diverse continental biota. <b>2017</b> , 1, 1896-1902		16
438	Rapid Diversification and Time Explain Amphibian Richness at Different Scales in the Tropical Andes, Earth's Most Biodiverse Hotspot. <b>2017</b> , 190, 828-843		61
437	Inactivation of thermogenic UCP1 as a historical contingency in multiple placental mammal clades. <b>2017</b> , 3, e1602878		56
436	Frequent and parallel habitat transitions as driver of unbounded radiations in the Cape flora. <b>2017</b> , 71, 2548-2561		11
435	Genomic insights into the ancient spread of Lyme disease across North America. <b>2017</b> , 1, 1569-1576		19
434	Tapping the woodpecker tree for evolutionary insight. <i>Molecular Phylogenetics and Evolution</i> , <b>2017</b> , 116, 182-191	4.1	24
433	Diversification and fruit evolution in eumalvoids (Malvaceae). <b>2017</b> , 184, 401-417		10
432	Rapid maximum likelihood ancestral state reconstruction of continuous characters: A rerooting-free algorithm. <b>2017</b> , 7, 2791-2797		12
431	Phylogenetic evidence from freshwater crayfishes that cave adaptation is not an evolutionary dead-end. <b>2017</b> , 71, 2522-2532		20
430	Diversification rates are more strongly related to microhabitat than climate in squamate reptiles (lizards and snakes). <b>2017</b> , 71, 2243-2261		22
429	Live bearing promotes the evolution of sociality in reptiles. <b>2017</b> , 8, 2030		26

428	Different diversity-dependent declines in speciation rate unbalances species richness in terrestrial slugs. <b>2017</b> , 7, 16198		3
427	Cooperative breeding influences the number and type of vocalizations in avian lineages. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2017</b> , 284,	4.4	26
426	The Paradox of Environmental Symbiont Acquisition in Obligate Mutualisms. <b>2017</b> , 27, 3711-3716.e3		39
425	Temporal niche expansion in mammals from a nocturnal ancestor after dinosaur extinction. <b>2017</b> , 1, 1889-1895		54
424	Repeated evolution of vertebrate pollination syndromes in a recently diverged Andean plant clade. <b>2017</b> , 71, 1970-1985		36
423	Convergent and unidirectional evolution of extremely long aedeagi in the largest feather mite genus, Proctophyllodes (Acari: Proctophylloidea): Evidence from comparative molecular and morphological phylogenetics. <i>Molecular Phylogenetics and Evolution</i> , <b>2017</b> , 114, 212-224	4.1	11
422	Evolution of Plant-Insect Interactions. <b>2017</b> , 25-53		17
421	Geographical diversification and the effect of model and data inadequacies: the bat diversity gradient as a case study. <i>Biological Journal of the Linnean Society</i> , <b>2017</b> , 121, 894-906	1.9	7
420	Evolutionary radiations in the species-rich mountain genus <i>Saxifraga</i> L. <b>2017</b> , 17, 119		30
419	Host shift and cospeciation rate estimation from co-phylogenies. <i>Ecology Letters</i> , <b>2017</b> , 20, 1014-1024	10	25
418	Is the switch to an ectomycorrhizal state an evolutionary key innovation in mushroom-forming fungi? A case study in the Tricholomatineae (Agaricales). <b>2017</b> , 71, 51-65		28
417	Arboreality constrains morphological evolution but not species diversification in vipers. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2017</b> , 284,	4.4	17
416	A model-based clustering method to detect infectious disease transmission outbreaks from sequence variation. <b>2017</b> , 13, e1005868		15
415	Hostplant change and paleoclimatic events explain diversification shifts in skipper butterflies (Family: HesperIIDae). <b>2017</b> , 17, 174		33
414	Evolution of sexual systems and growth habit in <i>Mussaenda</i> (Rubiaceae): Insights into the evolutionary pathways of dioecy. <i>Molecular Phylogenetics and Evolution</i> , <b>2018</b> , 123, 113-122	4.1	11
413	When Darwin's Special Difficulty Promotes Diversification in Insects. <i>Systematic Biology</i> , <b>2018</b> , 67, 873-887	4.4	11
412	Macroevolutionary Patterns of Flowering Plant Speciation and Extinction. <b>2018</b> , 69, 685-706		40
411	Comparative analysis of behavioural traits in insects. <b>2018</b> , 27, 52-60		5



410	Rethinking phylogenetic comparative methods. <i>Systematic Biology</i> , <b>2018</b> , 67, 1091-1109	8.4	112
409	What explains high plant richness in East Asia? Time and diversification in the tribe Lysimachieae (Primulaceae). <i>New Phytologist</i> , <b>2018</b> , 219, 436-448	9.8	18
408	chromploid: An R package for chromosome number evolution across the plant tree of life. <b>2018</b> , 6, e1037		12
407	Ecological and Ecomorphological Specialization Are Not Associated with Diversification Rates in Muroid Rodents (Rodentia: Muroidea). <i>Evolutionary Biology</i> , <b>2018</b> , 45, 268-286	3	4
406	Functional biogeography of angiosperms: life at the extremes. <i>New Phytologist</i> , <b>2018</b> , 218, 1697-1709	9.8	34
405	Interspecific geographic range size-body size relationship and the diversification dynamics of Neotropical furnariid birds. <b>2018</b> , 72, 1124-1133		3
404	Contrasting patterns of Andean diversification among three diverse clades of Neotropical clearwing butterflies. <b>2018</b> , 8, 3965-3982		15
403	Transitions in sex determination and sex chromosomes across vertebrate species. <i>Molecular Ecology</i> , <b>2018</b> , 27, 3950-3963	5.7	89
402	Conceptual and statistical problems with the DEC+J model of founder-event speciation and its comparison with DEC via model selection. <i>Journal of Biogeography</i> , <b>2018</b> , 45, 741-749	4.1	293
401	Atlantic forests to the all Americas: Biogeographical history and divergence times of Neotropical Ficus (Moraceae). <i>Molecular Phylogenetics and Evolution</i> , <b>2018</b> , 122, 46-58	4.1	17
400	Inference of Adaptive Shifts for Multivariate Correlated Traits. <i>Systematic Biology</i> , <b>2018</b> , 67, 662-680	8.4	39
399	The evolution of floral sonication, a pollen foraging behavior used by bees (Anthophila). <b>2018</b> , 72, 590-600		60
398	Efficient comparative phylogenetics on large trees. <b>2018</b> , 34, 1053-1055		166
397	Eating down the food chain: generalism is not an evolutionary dead end for herbivores. <i>Ecology Letters</i> , <b>2018</b> , 21, 402-410	10	15
396	The influence of non-random species sampling on macroevolutionary and macroecological inference from phylogenies. <i>Methods in Ecology and Evolution</i> , <b>2018</b> , 9, 1353-1362	7.7	6
395	Digging their own macroevolutionary grave: fossoriality as an evolutionary dead end in snakes. <b>2018</b> , 31, 587-598		9
394	Detecting Environment-Dependent Diversification From Phylogenies: A Simulation Study and Some Empirical Illustrations. <i>Systematic Biology</i> , <b>2018</b> , 67, 576-593	8.4	17
393	Parallel bursts of recent and rapid radiation in the Mediterranean and Eritreo-Arabian biodiversity hotspots as revealed by Globularia and Campylanthus (Plantaginaceae). <i>Journal of Biogeography</i> , <b>2018</b> , 45, 552-566	4.1	8

392	Pairwise comparisons across species are problematic when analyzing functional genomic data. <b>2018</b> , 115, E409-E417		42
391	Impact of whole-genome duplication events on diversification rates in angiosperms. <i>American Journal of Botany</i> , <b>2018</b> , 105, 348-363	2.7	134
390	Macroecology and macroevolution of the latitudinal diversity gradient in ants. <b>2018</b> , 9, 1778		69
389	Turning one into five: Integrative taxonomy uncovers complex evolution of cryptic species in the harvester ant <i>Messor "structor"</i> . <i>Molecular Phylogenetics and Evolution</i> , <b>2018</b> , 127, 387-404	4.1	7
388	Buccal venom gland associates with increased of diversification rate in the fang blenny fish <i>Meiacanthus</i> (Blenniidae; Teleostei). <i>Molecular Phylogenetics and Evolution</i> , <b>2018</b> , 125, 138-146	4.1	9
387	Key questions and challenges in angiosperm macroevolution. <i>New Phytologist</i> , <b>2018</b> , 219, 1170-1187	9.8	56
386	Phylogenomic Analysis of the Explosive Adaptive Radiation of the Espeletia Complex (Asteraceae) in the Tropical Andes. <i>Systematic Biology</i> , <b>2018</b> , 67, 1041-1060	8.4	59
385	Quaternary refugia are associated with higher speciation rates in mammalian faunas of the Western Palaearctic. <b>2018</b> , 41, 607-621		14
384	Cladogenetic and Anagenetic Models of Chromosome Number Evolution: A Bayesian Model Averaging Approach. <i>Systematic Biology</i> , <b>2018</b> , 67, 195-215	8.4	38
383	Diversification dynamics and transoceanic Eurasian-Australian disjunction in the genus <i>Picris</i> (Compositae) induced by the interplay of shifts in intrinsic/extrinsic traits and paleoclimatic oscillations. <i>Molecular Phylogenetics and Evolution</i> , <b>2018</b> , 119, 182-195	4.1	7
382	The origin and evolution of coral species richness in a marine biodiversity hotspot. <b>2018</b> , 72, 288-302		25
381	Continuous traits and speciation rates: Alternatives to state-dependent diversification models. <i>Methods in Ecology and Evolution</i> , <b>2018</b> , 9, 984-993	7.7	39
380	Rush hour at the Museum $\square$ Diversification patterns provide new clues for the success of figs ( <i>Ficus</i> L., Moraceae). <b>2018</b> , 90, 4-11		14
379	Repeated evolution and reversibility of self-fertilization in the volvocine green algae. <b>2018</b> , 72, 386-398		27
378	Narrow thermal tolerance and low dispersal drive higher speciation in tropical mountains. <b>2018</b> , 115, 12471-12476		96
377	Unifying host-associated diversification processes using butterfly-plant networks. <b>2018</b> , 9, 5155		21
376	Variable gene transcription underlies phenotypic convergence of hypoxia tolerance in sculpins. <b>2018</b> , 18, 163		3
375	Phylogenetic Comparative Methods can Provide Important Insights into the Evolution of Toxic Weaponry. <b>2018</b> , 10,		5

374	Patterns of chromosomal evolution in the florally diverse Andean clade Iochrominae (Solanaceae). <b>2018</b> , 35, 31-43		9
373	Microhabitat change drives diversification in pholcid spiders. <b>2018</b> , 18, 141		16
372	Detection of HIV transmission clusters from phylogenetic trees using a multi-state birth-death model. <b>2018</b> , 15,		14
371	The inseparability of sampling and time and its influence on attempts to unify the molecular and fossil records. <b>2018</b> , 44, 561-574		14
370	Ontogenetic and phylogenetic simplification during white stripe evolution in clownfishes. <b>2018</b> , 16, 90		27
369	Stepwise evolution of floral pigmentation predicted by biochemical pathway structure. <b>2018</b> , 72, 2792-2802		7
368	Reevaluating cases of trait-dependent diversification in primates. <b>2018</b> , 167, 244-256		2
367	Hidden state models improve state-dependent diversification approaches, including biogeographical models. <b>2018</b> , 72, 2308-2324		76
366	Iriarteeae palms tracked the uplift of Andean Cordilleras. <i>Journal of Biogeography</i> , <b>2018</b> , 45, 1653-1663	4.1	20
365	A Practical Guide to Estimating the Heritability of Pathogen Traits. <b>2018</b> , 35, 756-772		12
364	Asynchronous evolution of interdependent nest characters across the avian phylogeny. <b>2018</b> , 9, 1863		17
363	Evolution of floral traits and impact of reproductive mode on diversification in the phlox family (Polemoniaceae). <i>Molecular Phylogenetics and Evolution</i> , <b>2018</b> , 127, 878-890	4.1	18
362	Testing the impact of oceanic barriers on population subdivision, speciation and zoogeographical community assembly in <i>Xylotrupes</i> beetles across the Indo-Australian Archipelago. <i>Biological Journal of the Linnean Society</i> , <b>2018</b> , 125, 152-164	1.9	2
361	Climate and host-plant associations shaped the evolution of ceutorhynch weevils throughout the Cenozoic. <b>2018</b> , 72, 1815-1828		10
360	Multicellularity Drives the Evolution of Sexual Traits. <b>2018</b> , 192, E93-E105		19
359	Evaluating Model Performance in Evolutionary Biology. <b>2018</b> , 49, 95-114		22
358	Habits and characteristics of arboreal snakes worldwide: arboreality constrains body size but does not affect lineage diversification. <i>Biological Journal of the Linnean Society</i> , <b>2018</b> , 125, 61-71	1.9	7
357	Comparing the rates of speciation and extinction between phylogenetic trees. <b>2018</b> , 8, 5303-5312		4

356	Binary-state speciation and extinction method is conditionally robust to realistic violations of its assumptions. <b>2018</b> , 18, 69		4
355	BAMM at the court of false equivalency: A response to Meyer and Wiens. <b>2018</b> , 72, 2246-2256		27
354	Microevolutionary processes impact macroevolutionary patterns. <b>2018</b> , 18, 123		19
353	Rhodobacterales use a unique L-threonine kinase for the assembly of the nucleotide loop of coenzyme B. <b>2018</b> , 110, 239-261		5
352	To adapt or go extinct? The fate of megafaunal palm fruits under past global change. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2018</b> , 285,	4.4	33
351	Molecular phylogeny and diversification of Malagasy bright-eyed tree frogs (Mantellidae: Boophis). <i>Molecular Phylogenetics and Evolution</i> , <b>2018</b> , 127, 568-578	4.1	7
350	Evolutionary Associations of Endosymbiotic Ciliates Shed Light on the Timing of the Marsupial-Placental Split. <b>2018</b> , 35, 1757-1769		14
349	Predicting pathogenicity behavior in <i>Escherichia coli</i> population through a state dependent model and TRS profiling. <b>2018</b> , 14, e1005931		3
348	How Well Can We Estimate Diversity Dynamics for Clades in Diversity Decline?. <i>Systematic Biology</i> , <b>2019</b> , 68, 47-62	8.4	21
347	Adaptation to hummingbird pollination is associated with reduced diversification in. <b>2019</b> , 3, 521-533		17
346	A Systematist's Guide to Estimating Bayesian Phylogenies From Morphological Data. <b>2019</b> , 3, 2		15
345	A database of amphibian karyotypes. <b>2019</b> , 27, 313-319		10
344	How conflict shapes evolution in poeciliid fishes. <b>2019</b> , 10, 3335		16
343	The early wasp plucks the flower: disparate extant diversity of sawfly superfamilies (Hymenoptera: Symphyta) may reflect asynchronous switching to angiosperm hosts. <i>Biological Journal of the Linnean Society</i> , <b>2019</b> , 128, 1-19	1.9	8
342	Rapid diversification of alpine bamboos associated with the uplift of the Hengduan Mountains. <i>Journal of Biogeography</i> , <b>2019</b> , 46, 2678-2689	4.1	22
341	Using text-mined trait data to test for cooperate-and-radiate co-evolution between ants and plants. <b>2019</b> , 15, e1007323		8
340	Lateral root formation involving cell division in both pericycle, cortex and endodermis is a common and ancestral trait in seed plants. <b>2019</b> , 146,		11
339	Contrasting drivers of diversification rates on islands and continents across three passerine families. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2019</b> , 286, 20191757	4.4	7

338	Interaction among ploidy, breeding system and lineage diversification. <i>New Phytologist</i> , <b>2019</b> , 224, 1252-1265	25
337	Larger brains spur species diversification in birds. <b>2019</b> , 73, 2085-2093	8
336	Patterns, Mechanisms and Genetics of Speciation in Reptiles and Amphibians. <b>2019</b> , 10,	16
335	Evolutionary patterns of diadromy in fishes: more than a transitional state between marine and freshwater. <b>2019</b> , 19, 168	9
334	Evolution of reproductive traits and selfing syndrome in the sub-endemic Mediterranean genus <i>Centaurium Hill</i> (Gentianaceae). <b>2019</b> , 191, 216-235	6
333	Timing of evolutionary innovation: scenarios of evolutionary diversification in a species-rich fungal clade, Boletales. <i>New Phytologist</i> , <b>2019</b> , 222, 1924-1935	9.8 10
332	Meiotic drive shapes rates of karyotype evolution in mammals. <b>2019</b> , 73, 511-523	17
331	Contrasting processes drive ophiuroid phylodiversity across shallow and deep seafloors. <b>2019</b> , 565, 636-639	28
330	Phylogenomics, biogeography and evolution in the American genus <i>Brahea</i> (Arecaceae). <b>2019</b> , 190, 242-259	8
329	What Determines the Distinct Morphology of Species with a Particular Ecology? The Roles of Many-to-One Mapping and Trade-Offs in the Evolution of Frog Ecomorphology and Performance. <b>2019</b> , 194, E81-E95	21
328	A model with many small shifts for estimating species-specific diversification rates. <b>2019</b> , 3, 1086-1092	41
327	Macroevolutionary effects on primate trophic evolution and their implications for reconstructing primate origins. <b>2019</b> , 133, 1-12	2
326	Miocene climate change as a driving force for multiple origins of annual species in <i>Astragalus</i> (Fabaceae, Papilionoideae). <i>Molecular Phylogenetics and Evolution</i> , <b>2019</b> , 137, 210-221	4.1 22
325	Do latex and resin canals spur plant diversification? Re-examining a classic example of escape and radiate coevolution. <i>Journal of Ecology</i> , <b>2019</b> , 107, 1606-1619	6 9
324	Bridging disciplines to advance elasmobranch conservation: applications of physiological ecology. <b>2019</b> , 7, coz011	5
323	Flight over the Proto-Caribbean seaway: Phylogeny and macroevolution of Neotropical <i>Anaeini</i> leafwing butterflies. <i>Molecular Phylogenetics and Evolution</i> , <b>2019</b> , 137, 86-103	4.1 6
322	Sexual Dichromatism Drives Diversification within a Major Radiation of African Amphibians. <i>Systematic Biology</i> , <b>2019</b> , 68, 859-875	8.4 21
321	Macroevolutionary diversification rates show time dependency. <b>2019</b> , 116, 7403-7408	35

320	Megaphylogeny resolves global patterns of mushroom evolution. <b>2019</b> , 3, 668-678		98
319	Lack of Signal for the Impact of Conotoxin Gene Diversity on Speciation Rates in Cone Snails. <i>Systematic Biology</i> , <b>2019</b> , 68, 781-796	8.4	8
318	Morphological Innovations and Vast Extensions of Mountain Habitats Triggered Rapid Diversification Within the Species-Rich Irano-Turanian Genus (Plumbaginaceae). <b>2018</b> , 9, 698		13
317	Digging for the spiny rat and hutia phylogeny using a gene capture approach, with the description of a new mammal subfamily. <i>Molecular Phylogenetics and Evolution</i> , <b>2019</b> , 136, 241-253	4.1	20
316	Detecting the macroevolutionary signal of species interactions. <b>2019</b> , 32, 769-782		39
315	Repeated evolution of a morphological novelty: a phylogenetic analysis of the inflated fruiting calyx in the Physalideae tribe (Solanaceae). <i>American Journal of Botany</i> , <b>2019</b> , 106, 270-279	2.7	16
314	Drift and Directional Selection Are the Evolutionary Forces Driving Gene Expression Divergence in Eye and Brain Tissue of Butterflies. <b>2019</b> , 213, 581-594		10
313	Phylogeny, historical biogeography and diversification rates in an economically important group of Neotropical palms: Tribe Euterpeae. <i>Molecular Phylogenetics and Evolution</i> , <b>2019</b> , 133, 67-81	4.1	7
312	Macroevolutionary dynamics of nectar spurs, a key evolutionary innovation. <i>New Phytologist</i> , <b>2019</b> , 222, 1123-1138	9.8	17
311	Stochastic Character Mapping of State-Dependent Diversification Reveals the Tempo of Evolutionary Decline in Self-Compatible Onagraceae Lineages. <i>Systematic Biology</i> , <b>2019</b> , 68, 505-519	8.4	21
310	Phylogenies and Diversification Rates: Variance Cannot Be Ignored. <i>Systematic Biology</i> , <b>2019</b> , 68, 538-558.4		14
309	Integrating phylogenomics, phylogenetics, morphometrics, relative genome size and ecological niche modelling disentangles the diversification of Eurasian <i>Euphorbia seguieriana</i> s. l. (Euphorbiaceae). <i>Molecular Phylogenetics and Evolution</i> , <b>2019</b> , 134, 238-252	4.1	13
308	Diversification and functional evolution of reef fish feeding guilds. <i>Ecology Letters</i> , <b>2019</b> , 22, 572-582	10	15
307	Live fast, diversify non-adaptively: evolutionary diversification of exceptionally short-lived annual killifishes. <b>2019</b> , 19, 10		5
306	Modeling a trait-dependent diversification process coupled with molecular evolution on a random species tree. <b>2019</b> , 461, 189-203		3
305	How mountains shape biodiversity: The role of the Andes in biogeography, diversification, and reproductive biology in South America's most species-rich lizard radiation (Squamata: Liolaemidae). <b>2019</b> , 73, 214-230		49
304	Parallel likelihood calculation for phylogenetic comparative models: The SPLITT C++ library. <i>Methods in Ecology and Evolution</i> , <b>2019</b> , 10, 493-506	7.7	3
303	Detecting the Dependence of Diversification on Multiple Traits from Phylogenetic Trees and Trait Data. <i>Systematic Biology</i> , <b>2019</b> , 68, 317-328	8.4	30

302	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> , <b>2020</b> , 69, 61-75	8.4	36
301	Accelerated diversification correlated with functional traits shapes extant diversity of the early divergent angiosperm family Annonaceae. <i>Molecular Phylogenetics and Evolution</i> , <b>2020</b> , 142, 106659	4.1	11
300	Recurrent genome duplication events likely contributed to both the ancient and recent rise of ferns. <b>2020</b> , 62, 433-455		12
299	Polyploidy promotes species diversification of <i>Allium</i> through ecological shifts. <i>New Phytologist</i> , <b>2020</b> , 225, 571-583	9.8	30
298	A General and Efficient Algorithm for the Likelihood of Diversification and Discrete-Trait Evolutionary Models. <i>Systematic Biology</i> , <b>2020</b> , 69, 545-556	8.4	5
297	Macroevolutionary Analyses Suggest That Environmental Factors, Not Venom Apparatus, Play Key Role in Terebridae Marine Snail Diversification. <i>Systematic Biology</i> , <b>2020</b> , 69, 413-430	8.4	2
296	Darwin's second 'abominable mystery': trait flexibility as the innovation leading to angiosperm diversity. <i>New Phytologist</i> , <b>2020</b> , 228, 1741-1747	9.8	10
295	Geophytism in monocots leads to higher rates of diversification. <i>New Phytologist</i> , <b>2020</b> , 225, 1023-1032	9.8	11
294	Reconstructing the geographic and climatic origins of long-distance bird migrations. <i>Journal of Biogeography</i> , <b>2020</b> , 47, 155-166	4.1	23
293	Social Games and Genic Selection Drive Mammalian Mating System Evolution and Speciation. <b>2020</b> , 195, 247-274		0
292	Comparative Analyses of Phenotypic Sequences Using Phylogenetic Trees. <b>2020</b> , 195, E38-E50		2
291	Convergently evolved muscle architecture enables high-performance ballistic movement in salamanders. <b>2020</b> , 281, 196-212		3
290	An integrative phylogenomic approach illuminates the evolutionary history of Old World tree frogs (Anura: Rhacophoridae). <i>Molecular Phylogenetics and Evolution</i> , <b>2020</b> , 145, 106724	4.1	7
289	Species Selection Regime and Phylogenetic Tree Shape. <i>Systematic Biology</i> , <b>2020</b> , 69, 774-794	8.4	6
288	Linking micro and macroevolution in the presence of migration. <b>2020</b> , 486, 110087		2
287	Fast likelihood calculation for multivariate Gaussian phylogenetic models with shifts. <b>2020</b> , 131, 66-78		13
286	Estimating Diversification Rates on Incompletely Sampled Phylogenies: Theoretical Concerns and Practical Solutions. <i>Systematic Biology</i> , <b>2020</b> , 69, 602-611	8.4	21
285	Biogeography and early diversification of Tapinotaspidini oil-bees support presence of Paleocene savannas in South America. <i>Molecular Phylogenetics and Evolution</i> , <b>2020</b> , 143, 106692	4.1	7

284	Challenges in estimating ancestral state reconstructions: the evolution of migration in <i>Sylvia</i> warblers as a study case. <b>2020</b> , 15, 161-173		1
283	The influence of floral variation and geographic disjunction on the evolutionary dynamics of <i>Ronnbergia</i> and <i>Wittmackia</i> (Bromeliaceae: Bromelioideae). <b>2020</b> , 192, 609-624		2
282	Speciation through chromosomal fusion and fission in Lepidoptera. <b>2020</b> , 375, 20190539		22
281	Accuracy of ancestral state reconstruction for non-neutral traits. <b>2020</b> , 10, 7644		10
280	Climatic and topographic changes since the Miocene influenced the diversification and biogeography of the tent tortoise ( <i>Psammobates tentorius</i> ) species complex in Southern Africa. <b>2020</b> , 20, 153		1
279	Does migration promote or inhibit diversification? A case study involving the dominant radiation of temperate Southern Hemisphere freshwater fishes. <b>2020</b> , 74, 1954-1965		4
278	Biogeographic diversification of <i>Mahonia</i> (Berberidaceae): Implications for the origin and evolution of East Asian subtropical evergreen broadleaved forests. <i>Molecular Phylogenetics and Evolution</i> , <b>2020</b> , 151, 106910	4.1	9
277	Genomic footprints of repeated evolution of CAM photosynthesis in a Neotropical species radiation. <b>2020</b> , 43, 2987-3001		3
276	Phylogenetic and morphologic survey of orbicules in angiosperms. <b>2020</b> , 69, 543-566		4
275	Evolution of Floral Morphology and Symmetry in the Miconieae (Melastomataceae): Multiple Generalization Trends within a Specialized Family. <b>2020</b> , 181, 732-747		10
274	Polyploids increase overall diversity despite higher turnover than diploids in the Brassicaceae. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2020</b> , 287, 20200962	4.4	6
273	An ancient tropical origin, dispersals via land bridges and Miocene diversification explain the subcosmopolitan disjunctions of the liverwort genus <i>Lejeunea</i> . <b>2020</b> , 10, 14123		4
272	Out of the Mediterranean Region: Worldwide biogeography of snapdragons and relatives (tribe Antirrhineae, Plantaginaceae). <i>Journal of Biogeography</i> , <b>2020</b> , 47, 2442-2456	4.1	2
271	The evolution of a tropical biodiversity hotspot. <b>2020</b> , 370, 1343-1348		42
270	Shedding light: a phylotranscriptomic perspective illuminates the origin of photosymbiosis in marine bivalves. <b>2020</b> , 20, 50		7
269	Diversification in evolutionary arenas-Assessment and synthesis. <b>2020</b> , 10, 6163-6182		12
268	The geographical diversification in varanid lizards: the role of mainland versus island in driving species evolution. <b>2020</b> , 66, 165-171		4
267	Trophic innovations fuel reef fish diversification. <b>2020</b> , 11, 2669		25



266	Heterogeneity in the rate of molecular sequence evolution substantially impacts the accuracy of detecting shifts in diversification rates. <b>2020</b> , 74, 1620-1639		8
265	Specialized breeding in plants affects diversification trajectories in Neotropical frogs. <b>2020</b> , 74, 1815-1825		2
264	The role of the Neotropics as a source of world tetrapod biodiversity. <i>Global Ecology and Biogeography</i> , <b>2020</b> , 29, 1565-1578	6.1	9
263	Multi-gene phylogeny of Tetrahymena refreshed with three new histophagous species invading freshwater planarians. <b>2020</b> , 119, 1523-1545		12
262	Regional assemblages shaped by historical and contemporary factors: Evidence from a species-rich insect group. <i>Molecular Ecology</i> , <b>2020</b> , 29, 2492-2510	5.7	3
261	Evaluating the Performance of Probabilistic Algorithms for Phylogenetic Analysis of Big Morphological Datasets: A Simulation Study. <i>Systematic Biology</i> , <b>2020</b> , 69, 1088-1105	8.4	9
260	Speciation rate and the diversity of fishes in freshwaters and the oceans. <i>Journal of Biogeography</i> , <b>2020</b> , 47, 1207-1217	4.1	15
259	On the Matrix Condition of Phylogenetic Tree. <b>2020</b> , 16, 1176934320901721		1
258	Global Diversification Dynamics Since the Jurassic: Low Dispersal and Habitat-Dependent Evolution Explain Hotspots of Diversity and Shell Disparity in River Snails (Viviparidae). <i>Systematic Biology</i> , <b>2020</b> , 69, 944-961	8.4	8
257	A Multitype Birth-Death Model for Bayesian Inference of Lineage-Specific Birth and Death Rates. <i>Systematic Biology</i> , <b>2020</b> , 69, 973-986	8.4	11
256	The origins of acoustic communication in vertebrates. <b>2020</b> , 11, 369		26
255	Simulating trees with millions of species. <b>2020</b> , 36, 2907-2908		5
254	The evolution of specialized dentition in the deep-sea lanternfishes (Myctophiformes). <b>2020</b> , 281, 536-555		3
253	Speciation Associated with Shifts in Migratory Behavior in an Avian Radiation. <b>2020</b> , 30, 1312-1321.e6		20
252	Is dispersal mode a driver of diversification and geographical distribution in the tropical plant family Melastomataceae?. <i>Molecular Phylogenetics and Evolution</i> , <b>2020</b> , 148, 106815	4.1	27
251	Ancient tropical extinctions at high latitudes contributed to the latitudinal diversity gradient. <b>2020</b> , 74, 1966-1987		26
250	The role of evolutionary time, diversification rates and dispersal in determining the global diversity of a large radiation of passerine birds. <i>Journal of Biogeography</i> , <b>2020</b> , 47, 1612-1625	4.1	12
249	Evolution of a high-performance and functionally robust musculoskeletal system in salamanders. <b>2020</b> , 117, 10445-10454		12

248	Detecting Lineage-Specific Shifts in Diversification: A Proper Likelihood Approach. <i>Systematic Biology</i> , <b>2021</b> , 70, 389-407	8.4	6
247	Phylogeographic Estimation and Simulation of Global Diffusive Dispersal. <i>Systematic Biology</i> , <b>2021</b> , 70, 340-359	8.4	2
246	A multi-layered approach to the diversification of squirrels. <b>2021</b> , 51, 66-81		6
245	What drives diversification in a pantropical plant lineage with extraordinary capacity for long-distance dispersal and colonization?. <i>Journal of Biogeography</i> , <b>2021</b> , 48, 64-77	4.1	3
244	Quantifying the impact of an inference model in Bayesian phylogenetics. <i>Methods in Ecology and Evolution</i> , <b>2021</b> , 12, 351-358	7.7	2
243	Historical climatic instability predicts the inverse latitudinal pattern in speciation rate of modern mammalian biota. <b>2021</b> , 34, 339-351		3
242	Historical biogeography of Caribbean Podocarpus does not support the progression rule. <i>Journal of Biogeography</i> , <b>2021</b> , 48, 690-702	4.1	2
241	Karyotype asymmetry shapes diversity within the physaloids (Physalidinae, Physalideae, Solanaceae). <b>2021</b> , 19, 168-185		2
240	Body size distributions of anurans are explained by diversification rates and the environment. <i>Global Ecology and Biogeography</i> , <b>2021</b> , 30, 154-164	6.1	1
239	Global biogeography and diversification of a group of brown seaweeds (Phaeophyceae) driven by clade-specific evolutionary processes. <i>Journal of Biogeography</i> , <b>2021</b> , 48, 703-715	4.1	6
238	Diversification dynamics of hypermetamorphic blister beetles (Meloidae): Are homoplastic host shifts and phoresy key factors of a rushing forward strategy to escape extinction?.		0
237	Extreme Morphology, Functional Trade-offs, and Evolutionary Dynamics in a Clade of Open-Ocean Fishes (Perciformes: Bramidae). <b>2021</b> , 3, obab003		1
236	OUP accepted manuscript. <i>Biological Journal of the Linnean Society</i> ,	1.9	0
235	Geo-Climatic Changes and Apomixis as Major Drivers of Diversification in the Mediterranean Sea Lavenders ( Mill.). <i>Frontiers in Plant Science</i> , <b>2020</b> , 11, 612258	6.2	5
234	Planktivores as trophic drivers of global coral reef fish diversity patterns. <b>2021</b> , 118,		6
233	Re-evaluation of the "law of constant extinction" for ruminants at different taxonomical scales. <b>2021</b> , 75, 656-671		1
232	Differences in developmental potential predict the contrasting patterns of dental diversification in characiform and cypriniform fishes. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2021</b> , 288, 20202205	4.4	0
231	A test for rate-coupling of trophic and cranial evolutionary dynamics in New World bats. <b>2021</b> , 75, 861-875		2

230	Investment in chemical signalling glands facilitates the evolution of sociality in lizards. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2021</b> , 288, 20202438	4.4	4
229	Reconstructing Squamate Biogeography in Afro-Arabia Reveals the Influence of a Complex and Dynamic Geologic Past. <i>Systematic Biology</i> , <b>2021</b> ,	8.4	2
228	The Implications of Interrelated Assumptions on Estimates of Divergence Times and Rates of Diversification. <i>Systematic Biology</i> , <b>2021</b> , 70, 1181-1199	8.4	0
227	Traits related to efficient acquisition and use of phosphorus promote diversification in Proteaceae in phosphorus-impooverished landscapes. <b>2021</b> , 462, 67-88		8
226	Comparative bioacoustics: a roadmap for quantifying and comparing animal sounds across diverse taxa. <b>2021</b> , 96, 1135-1159		6
225	Broad variation in rates of polyploidy and dysploidy across flowering plants is correlated with lineage diversification.		1
224	Developmental innovations promote species diversification in mushroom-forming fungi.		2
223	Delayed adaptive radiation among New Zealand stream fishes: joint estimation of divergence time and trait evolution in a newly delineated island species flock. <i>Systematic Biology</i> , <b>2021</b> ,	8.4	3
222	Multilocus phylogeny and historical biogeography of <i>Hypostomus</i> shed light on the processes of fish diversification in La Plata Basin. <b>2021</b> , 11, 5073		1
221	Insights into the drivers of radiating diversification in biodiversity hotspots using <i>Saussurea</i> (Asteraceae) as a case.		1
220	Extraordinary diversification of the Bristle flies (Diptera: Tachinidae) and its underlying causes. <i>Biological Journal of the Linnean Society</i> , <b>2021</b> , 133, 216-236	1.9	1
219	Repeated evolution of a reproductive polyphenism in plants is strongly associated with bilateral flower symmetry. <b>2021</b> , 31, 1515-1520.e3		3
218	The conservative low-phosphorus niche in Proteaceae. <b>2021</b> , 462, 89-93		
217	Diversification in Qinghai-Tibet Plateau: Orchidinae (Orchidaceae) clades exhibiting pre-adaptations play critical role. <i>Molecular Phylogenetics and Evolution</i> , <b>2021</b> , 157, 107062	4.1	2
216	Agricultural habitats are dominated by rapidly evolving nematodes revealed through phylogenetic comparative methods. <b>2021</b> , 155, 108183		2
215	Tempo and mode in karyotype evolution revealed by a probabilistic model incorporating both chromosome number and morphology. <b>2021</b> , 17, e1009502		6
214	Morphology of migration: Associations between wing, and bill morphology and migration in kingbirds ( <i>Tyrannus</i> ).		
213	Exploring diversification drivers in golden orbweavers. <b>2021</b> , 11, 9248		0

212	Evolving the structure: climatic and developmental constraints on the evolution of plant architecture. A case study in Euphorbia. <i>New Phytologist</i> , <b>2021</b> , 231, 1278-1295	9.8	6
211	Origin and diversification of flax and their relationship with heterostyly across the range. <i>Journal of Biogeography</i> , <b>2021</b> , 48, 1994-2007	4.1	1
210	Parthenogenesis is self-destructive for scaled reptiles. <b>2021</b> , 17, 20210006		2
209	Stamen dimorphism in bird-pollinated flowers: Investigating alternative hypotheses on the evolution of heteranthery. <b>2021</b> , 75, 2589-2599		3
208	Macroevolutionary insights into sedges (Carex: Cyperaceae): The effects of rapid chromosome number evolution on lineage diversification. <b>2021</b> , 59, 776-790		3
207	Linking population-level and microevolutionary processes to understand speciation dynamics at the macroevolutionary scale. <b>2021</b> , 11, 5828-5843		1
206	Differential speciation rates, colonization time and niche conservatism affect community assembly across adjacent biogeographical regions. <i>Journal of Biogeography</i> , <b>2021</b> , 48, 2211-2225	4.1	3
205	Identification and Evolution of Cas9 tracrRNAs. <b>2021</b> , 4, 438-447		2
204	Efficient Bayesian inference of general Gaussian models on large phylogenetic trees. <b>2021</b> , 15,		1
203	Unifying Phylogenetic Birth-Death Models in Epidemiology and Macroevolution. <i>Systematic Biology</i> , <b>2021</b> ,	8.4	5
202	Protracted speciation under the state-dependent speciation and extinction approach.		0
201	Patterns of protist distribution and diversification in alpine lakes across Europe. <b>2021</b> , 10, e1216		1
200	Fast and accurate estimation of species-specific diversification rates using data augmentation. <i>Systematic Biology</i> , <b>2021</b> ,	8.4	8
199	Why extinction estimates from extant phylogenies are so often zero. <b>2021</b> , 31, 3168-3173.e4		4
198	Comparing diversification rates in lakes, rivers, and the sea. <b>2021</b> , 75, 2055-2073		2
197	Repeated parallel losses of inflexed stamens in Moraceae: Phylogenomics and generic revision of the tribe Moreae and the reinstatement of the tribe Olmedieae (Moraceae).		2
196	A broadly resolved molecular phylogeny of New Zealand cheilostome bryozoans as a framework for hypotheses of morphological evolution. <i>Molecular Phylogenetics and Evolution</i> , <b>2021</b> , 161, 107172	4.1	3
195	Phylogenomic and Macroevolutionary Evidence for an Explosive Radiation of a Plant Genus in the Miocene. <i>Systematic Biology</i> , <b>2021</b> ,	8.4	0

194	The Evolution of Nest Site Specialization and its Macroevolutionary Consequences in Passerine Birds.		
193	Radiating pain: venom has contributed to the diversification of the largest radiations of vertebrate and invertebrate animals. <i>Bmc Ecology and Evolution</i> , <b>2021</b> , 21, 150	21	0
192	Evolution of degrees of carnivory and dietary specialization across Mammalia and their effects on speciation.		
191	The little fishes that could: smaller fishes demonstrate slow body size evolution but faster speciation in the family Percidae. <i>Biological Journal of the Linnean Society</i> ,	1.9	0
190	Bee flowers drive macroevolutionary diversification in long-horned bees. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2021</b> , 288, 20210533	4.4	1
189	Testing for adaptive radiation: A new approach applied to Madagascar frogs. <b>2021</b> , 75, 3008-3025		3
188	A Life Cycle for Modeling Biology at Different Scales. <i>Frontiers in Plant Science</i> , <b>2021</b> , 12, 710590	6.2	0
187	Testing the causes of richness patterns in the paleotropics: time and diversification in cycads (Cycadaceae).		1
186	Epigenetic encoding, heritability and plasticity of glioma transcriptional cell states. <b>2021</b> , 53, 1469-1479		14
185	Biogeographic history and environmental niche evolution in the palearctic genus <i>Helianthemum</i> (Cistaceae). <i>Molecular Phylogenetics and Evolution</i> , <b>2021</b> , 163, 107238	4.1	1
184	Phylogenomics, floral evolution, and biogeography of <i>Lithospermum</i> L. (Boraginaceae). <i>Molecular Phylogenetics and Evolution</i> , <b>2022</b> , 166, 107317	4.1	0
183	Genome-wide macroevolutionary signatures of key innovations in butterflies colonizing new host plants. <b>2021</b> , 12, 354		15
182	The Shape of Trees ¶Limits of Current Diversification Models.		0
181	Overview of Phylogenetic Approaches to Mycorrhizal Biogeography, Diversity and Evolution. <b>2017</b> , 1-37		5
180	Fruiting body form, not nutritional mode, is the major driver of diversification in mushroom-forming fungi. <b>2020</b> , 117, 32528-32534		22
179	Evolutionary determinism and convergence associated with water-column transitions in marine fishes. <b>2020</b> , 117, 33396-33403		8
178	Phylogenetic patterns suggest frequent multiple origins of secondary metabolites across the seed-plant 'tree of life'. <b>2021</b> , 8, nwa105		4
177	diskImageR: quantification of resistance and tolerance to antimicrobial drugs using disk diffusion assays. <b>2016</b> , 162, 1059-1068		25

176	The Heritability of Pathogen Traits - Definitions and Estimators.	4
175	Inactivation of thermogenic UCP1 as a historical contingency in multiple placental mammal clades.	3
174	Heritability of the Symbiodinium community in vertically- and horizontally-transmitting broadcast spawning corals.	3
173	Parallel power posterior analyses for fast computation of marginal likelihoods in phylogenetics.	6
172	Pairwise comparisons across species are problematic when analyzing functional genomic data.	3
171	Tracking niche change through time: simultaneous inference of ecological niche evolution and estimation of contemporary niches.	1
170	Improved multi-type birth-death phylodynamic inference in BEAST 2.	4
169	A General Birth-Death-Sampling Model for Epidemiology and Macroevolution.	0
168	Reconstructing Squamate Biogeography in Afro-Arabia Reveals the Influence of a Complex and Dynamic Geologic Past.	1
167	Stochastic character mapping of state-dependent diversification reveals the tempo of evolutionary decline in self-compatible Onagraceae lineages.	2
166	Accurate detection of HIV transmission clusters from phylogenetic trees using a multi-state birth-death model.	1
165	Rethinking phylogenetic comparative methods.	4
164	Cooperate-and-radiate co-evolution between ants and plants.	1
163	Global cooling & the rise of modern grasslands: Revealing cause & effect of environmental change on insect diversification dynamics.	2
162	Phylogenies and diversification rates: variance cannot be ignored.	1
161	A Multi-State Birth-Death model for Bayesian inference of lineage-specific birth and death rates.	5
160	Phylogenomics, biogeography, and evolution in the American palm genus <i>Brahea</i> .	1
159	A Bayesian Approach for Estimating Branch-Specific Speciation and Extinction Rates.	12

158	How important is it to consider lineage diversification heterogeneity in macroevolutionary studies: lessons from the lizard family Liolaemidae.		2
157	Diversification in evolutionary arenas [Assessment and synthesis.		1
156	Polyploidy increases overall diversity despite higher turnover than diploids in the Brassicaceae.		3
155	Tempo and mode of performance evolution across multiple independent origins of adhesive toe pads in lizards. <b>2017</b> , 71, 2344-2358		15
154	Host specificity, infrequent major host switching and the diversification of highly host-specific symbionts: The case of vane-dwelling feather mites. <i>Global Ecology and Biogeography</i> , <b>2018</b> , 27, 188-198 <sup>6.1</sup>		18
153	How important is it to consider lineage diversification heterogeneity in macroevolutionary studies? Lessons from the lizard family Liolaemidae. <i>Journal of Biogeography</i> , <b>2020</b> , 47, 1286-1297	4.1	7
152	Family living sets the stage for cooperative breeding and ecological resilience in birds. <b>2017</b> , 15, e2000483		63
151	Chromosome number evolves at equal rates in holocentric and monocentric clades. <b>2020</b> , 16, e1009076		7
150	Diversity dynamics in Nymphalidae butterflies: effect of phylogenetic uncertainty on diversification rate shift estimates. <b>2015</b> , 10, e0120928		8
149	D-PLACE: A Global Database of Cultural, Linguistic and Environmental Diversity. <b>2016</b> , 11, e0158391		92
148	Diversification of Angraecum (Orchidaceae, Vandaeae) in Madagascar: Revised Phylogeny Reveals Species Accumulation through Time Rather than Rapid Radiation. <b>2016</b> , 11, e0163194		15
147	Disentangling geographical, biotic, and abiotic drivers of plant diversity in neotropical Ruellia (Acanthaceae). <b>2017</b> , 12, e0176021		11
146	A Highly Conserved Bacterial D-Serine Uptake System Links Host Metabolism and Virulence. <b>2016</b> , 12, e1005359		35
145	Evolution of Plant Architecture, Functional Diversification and Divergent Evolution in the Genus (Rubiaceae) for New Caledonia. <i>Frontiers in Plant Science</i> , <b>2018</b> , 9, 1775	6.2	8
144	MonoPhy: a simple R package to find and visualize monophyly issues. 2, e56		16
143	Arrival and diversification of mabuyine skinks (Squamata: Scincidae) in the Neotropics based on a fossil-calibrated timetree. <b>2017</b> , 5, e3194		7
142	What affects power to estimate speciation rate shifts?. <b>2018</b> , 6, e5495		11
141	Evolution of host plant use and diversification in a species complex of parasitic weevils (Coleoptera: Curculionidae). <b>2019</b> , 7, e6625		3

140	OUP accepted manuscript.		0
139	Incongruent phylogenies and their implications for the study of diversification, taxonomy, and genome size evolution of <i>Rhododendron</i> . <i>American Journal of Botany</i> , <b>2021</b> , 108, 1957-1981	2.7	1
138	Mesozoic origin of coleoid cephalopods and their abrupt shifts of diversification patterns. <i>Molecular Phylogenetics and Evolution</i> , <b>2022</b> , 166, 107331	4.1	2
137	Microbial generalist or specialist: Intraspecific variation and dormancy potential matter. <i>Molecular Ecology</i> , <b>2021</b> ,	5.7	0
136	Pulled Diversification Rates, Lineages-Through-Time Plots and Modern Macroevolutionary Modelling. <i>Systematic Biology</i> , <b>2021</b> ,	8.4	4
135	Ancient volcanos as species pumps: A case study of freshwater amphipods in Northeast Asia. <i>Molecular Ecology</i> , <b>2021</b> ,	5.7	0
134	Have coral snake mimics diversified more than non-mimics?.		
133	Nonadaptive Radiation: Pervasive diet specialization by drift in scale insects?.		
132	Cladogenetic and Anagenetic Models of Chromosome Number Evolution: a Bayesian Model Averaging Approach.		1
131	Inference of evolutionary jumps in large phylogenies using Lévy processes.		3
130	Recent origin of Neotropical orchids in the world's richest plant biodiversity hotspot.		
129	Fast and Robust Inference of Phylogenetic Ornstein-Uhlenbeck Models Using Parallel Likelihood Calculation.		0
128	Renewed diversification following Miocene landscape turnover in a Neotropical butterfly radiation.		2
127	Inference of Adaptive Shifts for Multivariate Correlated Traits.		1
126	Detecting environment-dependent diversification from phylogenies: a simulation study and some empirical illustrations.		1
125	A model-based clustering method to detect infectious disease transmission outbreaks from sequence variation.		
124	Testing the role of the Red Queen and Court Jester as drivers of the macroevolution of Apollo butterflies.		
123	Parallel Likelihood Calculation for Phylogenetic Comparative Models: the SPLITT C++ Library.		



- 122 Ancient tropical extinctions contributed to the latitudinal diversity gradient. 2
- 121 Influence of different modes of morphological character correlation on phylogenetic tree inference. 0
- 120 Lack of signal for the impact of venom gene diversity on speciation rates in cone snails.
- 119 Sexual Dichromatism Drives Diversification Within a Major Radiation of African Amphibians.
- 118 Repeated evolution of a morphological novelty: a phylogenetic analysis of the inflated fruiting calyx in the Physalideae tribe (Solanaceae). 1
- 117 Drift and directional selection are the evolutionary forces driving gene expression divergence in eye and brain tissue of *Heliconius* butterflies.
- 116 Comparative analyses of phenotypic sequences using phylogenetic trees. 1
- 115 Accelerated diversification correlated with functional traits shapes extant diversity of the early divergent angiosperm family Annonaceae.
- 114 Interaction Between Ploidy, Breeding System, and Lineage Diversification. 1
- 113 Out of the Mediterranean Region: worldwide biogeography of snapdragons and relatives (tribe Antirrhineae, Plantaginaceae).
- 112 Quantifying the impact of an inference model in Bayesian phylogenetics. 0
- 111 Partial endoreplication stimulates diversification in the species-richest lineage of orchids.
- 110 Comparing diversification rates in lakes, rivers, and the sea. 1
- 109 Ecological Specialization and Diversification in Birds.
- 108 Multilocus phylogeny and historical biogeography of *Hypostomus* shed light on the processes of fish diversification in La Plata Basin.
- 107 Fruit colour and range size interact to influence diversification. 0
- 106 Temperature predicts leaf shape in palms (Arecaceae). 0
- 105 A broadly resolved molecular phylogeny of New Zealand cheilostome bryozoans as a framework for hypotheses of morphological evolution.

104	Mesophotic gorgonian corals evolve multiple times and faster than deep and shallow lineages.		0
103	Macroevolutionary analysis of discrete character evolution using parsimony-informed likelihood.		
102	The tempo of trophic evolution in small-bodied primates.		
101	Repeated parallel losses of inflexed stamens in Moraceae: phylogenomics and generic revision of the tribe Moreae and the reinstatement of the tribe Olmedieae (Moraceae).		1
100	Karyotype asymmetry shapes diversity within the physaloids (Physalidinae, Physalideae, Solanaceae).		2
99	Macroevolutionary pattern of (Asteraceae) provides insights into the drivers of radiating diversification. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2021</b> , 288, 20211575	4.4	2
98	Evolvability in the fossil record. 1-24		0
97	Evidence linking life form to a major shift in diversification rate in <i>Crassula</i> . <i>American Journal of Botany</i> , <b>2021</b> ,	2.7	0
96	Parallel power posterior analyses for fast computation of marginal likelihoods in phylogenetics. <b>2021</b> , 9, e12438		1
95	Biogeography of curimatid fishes reveals multiple lowland-upland river transitions and differential diversification in the Neotropics (Teleostei, Curimatidae). <b>2021</b> , 11, 15815-15832		0
94	Hidden-state-only speciation and extinction models provide accurate tip estimates of diversification rates.		0
93	Genome-wide macroevolutionary signatures of key innovations in butterflies colonizing new host plants.		
92	Differences in developmental potential predict the contrasting patterns of dental diversification in characiform and cypriniform fishes.		
91	Identification and evolution of Cas9 tracrRNAs.		
90	Fast and accurate estimation of species-specific diversification rates using data augmentation.		1
89	Estimating disease spread using structured coalescent and birth-death models: A quantitative comparison.		
88	OUP accepted manuscript.		0
87	Global dispersal and diversification in ground beetles of the subfamily Carabinae. <i>Molecular Phylogenetics and Evolution</i> , <b>2021</b> , 167, 107355	4.1	0

86	Analytical Approaches in Biogeography: Advances and Challenges. <b>2021</b> , 27-58		
85	A comparative analysis of L1 retrotransposition activities in human genomes suggests an ongoing increase in L1 number despite an evolutionary trend towards lower activity. <b>2021</b> , 12, 26		
84	Evolution of diverse host infection mechanisms delineates an adaptive radiation of lampbrush freshwater mussels centered on their larval ecology. <b>2021</b> , 9, e12287		0
83	Improving inference and avoiding over-interpretation of hidden-state diversification models: specialized plant breeding has no effect on diversification in frogs. <b>2021</b> ,		0
82	Maternal investment evolves with larger body size and higher diversification rate in sharks and rays.		0
81	Phylotranscriptomics Resolves the Phylogeny of Pooideae and Uncovers Factors for Their Adaptive Evolution.. <b>2022</b> ,		2
80	Chromosome Evolution in the Family Solanaceae.. <i>Frontiers in Plant Science</i> , <b>2021</b> , 12, 787590	6.2	0
79	ES-sim-GLM, a Multiple Regression Trait-Dependent Diversification Approach. <i>Evolutionary Biology</i> , <b>2022</b> , 49, 92		3
78	Diversification Slowdown in the Alliance (, Orchidaceae): Insights From the Evolutionary Dynamics of Crassulacean Acid Metabolism.. <i>Frontiers in Plant Science</i> , <b>2022</b> , 13, 794171	6.2	2
77	Exceptional evolutionary lability of flower-like inflorescences (pseudanthia) in Apiaceae subfamily Apioideae.. <i>American Journal of Botany</i> , <b>2022</b> ,	2.7	0
76	On the covariance of phylogenetic quantitative trait evolution models and their matrix condition. <i>Communications in Statistics Part B: Simulation and Computation</i> , 1-20	0.6	0
75	Mitogenomics and hidden-trait models reveal the role of phoresy and host shifts in the diversification of parasitoid blister beetles (Coleoptera: Meloidae).. <i>Molecular Ecology</i> , <b>2022</b> ,	5.7	1
74	Phylogenomics and diversification drivers of the Eastern Asian - Eastern North American disjunct Podophylloideae.. <i>Molecular Phylogenetics and Evolution</i> , <b>2022</b> , 169, 107427	4.1	0
73	OUP accepted manuscript. <i>Biological Journal of the Linnean Society</i> ,	1.9	
72	Phylogeny, diversification, and biogeography of a hemiclinal hybrid system of native Australian freshwater fishes (Gobiiformes: Gobioidae: Eleotridae: Hypseleotris).. <i>Bmc Ecology and Evolution</i> , <b>2022</b> , 22, 22	21	0
71	Cyphoderia ampulla (Cyphoderiidae: Rhizaria), a tale of freshwater sailors: The causes and consequences of ecological transitions through the salinity barrier in a family of benthic protists.. <i>Molecular Ecology</i> , <b>2022</b> ,	5.7	0
70	Nest architecture is linked with ecological success in songbirds.. <i>Ecology Letters</i> , <b>2022</b> ,	10	0
69	The ecological drivers of growth form evolution in flowering plants. <i>Journal of Ecology</i> ,	6	1

68	Macroevolutionary dynamics in the transition of angiosperms to aquatic environments.. <i>New Phytologist</i> , <b>2022</b> ,	9.8	
67	Depth as a driver of evolution and diversification of ancient squat lobsters (Decapoda, Galatheoidea, Phylladorhynchus).. <i>Molecular Phylogenetics and Evolution</i> , <b>2022</b> , 107467	4.1	1
66	Microbial generalists and specialists differently contribute to the community diversity in farmland soils. <i>Journal of Advanced Research</i> , <b>2021</b> ,	13	2
65	Mesophotic Gorgonian Corals Evolved Multiple Times and Faster Than Deep and Shallow Lineages. <i>Diversity</i> , <b>2021</b> , 13, 650	2.5	1
64	Towards a global perspective for <i>Salvia</i> L: Phylogeny, diversification, and floral evolution.		0
63	The megaherbivore gap after the non-avian dinosaur extinctions modified trait evolution and diversification of tropical palms.. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2022</b> , 289, 20212633	4.4	2
62	Data_Sheet_1.docx. <b>2019</b> ,		
61	Data_Sheet_2.pdf. <b>2019</b> ,		
60	Data_Sheet_3.pdf. <b>2019</b> ,		
59	Table_1.docx. <b>2019</b> ,		
58	Table_2.docx. <b>2019</b> ,		
57	Table_3.docx. <b>2019</b> ,		
56	Data_Sheet_1.pdf. <b>2018</b> ,		
55	Diversification in the Rosales is influenced by dispersal, geographic range size, and pre-existing species richness.. <i>American Journal of Botany</i> , <b>2022</b> ,	2.7	0
54	A road map for phylogenetic models of species trees.. <i>Molecular Phylogenetics and Evolution</i> , <b>2022</b> , 173, 107483	4.1	0
53	Biogeography and Diversification of the Tropical and Subtropical Asian Genus <i>Gastrochilus</i> (Orchidaceae, Aeridinae). <i>Diversity</i> , <b>2022</b> , 14, 396	2.5	0
52	Trait-dependent diversification in angiosperms: patterns, models and data.		
51	Historical biogeography of the gingers and its implications for shifts in tropical rain forest habitats. <i>Journal of Biogeography</i> ,	4.1	

50	Estimating clade-specific diversification rates and palaeodiversity dynamics from reconstructed phylogenies.		1
49	The impact of sampling bias on viral phylogeographic reconstruction.		0
48	Iterative Habitat Transitions are Associated with Morphological Convergence of the Backbone in Delphinoids. <i>Journal of Mammalian Evolution</i> ,	2.2	
47	Protracted speciation under the state-dependent speciation and extinction approach. <i>Systematic Biology</i> ,	8.4	0
46	Phylotranscriptomic Analyses Reveal Multiple Whole-Genome Duplication Events, the History of Diversification and Adaptations in the Araceae. <i>Annals of Botany</i> ,	4.1	0
45	Macroevolutionary trends and diversification dynamics in Atripliceae (Amaranthaceae s.l., Chenopodioideae): a first approach. <i>Annals of Botany</i> ,	4.1	
44	Bird lineages colonizing urban habitats have diversified at high rates across deep time. <i>Global Ecology and Biogeography</i> ,	6.1	0
43	Robust phylodynamic analysis of genetic sequencing data from structured populations.		0
42	Evolutionary transitions in diet influence the exceptional diversification of a lizard adaptive radiation. <i>Bmc Ecology and Evolution</i> , <b>2022</b> , 22,	21	0
41	Radiation of mushroom-forming fungi correlates with novel modes of protecting sexual fruiting bodies. <i>Fungal Biology</i> , <b>2022</b> ,	2.8	
40	Resolving ubiquitous model congruence in phylogenetics and its application for studying macroevolution.		
39	Robust Phylodynamic Analysis of Genetic Sequencing Data from Structured Populations. <b>2022</b> , 14, 1648		
38	Phylogenomic analysis of the parrots of the world distinguishes artifactual from biological sources of gene tree discordance.		0
37	Phylogeography and transmission of <i>M. tuberculosis</i> spanning prisons and surrounding communities in Paraguay.		
36	A comprehensive molecular phylogeny of the brachyuran crab superfamily Xanthoidea provides novel insights into its systematics and evolutionary history. <b>2022</b> , 177, 107627		0
35	Lifestyle Evolution Analysis by Binary-State Speciation and Extinction (BiSSE) Model. <b>2022</b> , 327-342		0
34	Reconstruction of State-Dependent Diversification: Integrating Phenotypic Traits into Molecular Phylogenies. <b>2022</b> , 305-326		0
33	Diversification is correlated with temperature in white and sulfur butterflies.		0

- 32 Variation in macroevolutionary dynamics among extant primates. ○
- 31 The Shape of Phylogenies Under Phase-Type Distributed Times to Speciation and Extinction. **2022**, 84, ○
- 30 New Guinea uplift opens ecological opportunity across a continent. **2022**, ○
- 29 Evolutionary convergence on hummingbird pollination in Neotropical *Costus* provides insight into the causes of pollinator shifts. 1
- 28 The impact of sampling bias on viral phylogeographic reconstruction. **2022**, 2, e0000577 ○
- 27 Deep Learning from Phylogenies for Diversification Analyses. ○
- 26 The relationship between chlorophyllous spores and mycorrhizal associations in ferns: Evidence from an evolutionary approach. ○
- 25 Differential retention of Pfam domains creates long-term evolutionary trends. ○
- 24 Bacterial generalists in earthworm gut had stronger environmental adaptation potential and higher network vulnerability under antimony stress. **2022**, 134992 ○
- 23 Historical biogeography and diversification of ringless *Amanita* (section *Vaginatae*) support an African origin and suggest niche conservatism in the Americas. **2023**, 178, 107644 ○
- 22 Towards a genetic theory of island biogeography: Inferring processes from multidimensional community-scale data. ○
- 21 Drivers of dispersal and diversification in bromeliads. ○
- 20 Defensive spines are associated with large geographic range but not diversification in spiny ants (Hymenoptera: Formicidae: *Polyrhachis*). 1
- 19 Phylogenomic comparative methods: accurate evolutionary inferences in the presence of gene tree discordance. ○
- 18 Mimicry promotes morphological diversification but not speciation in mimetic swallowtail butterflies. ○
- 17 CAGEE: computational analysis of gene expression evolution. ○
- 16 Summarizing Global SARS-CoV-2 Geographical Spread by Phylogenetic Multitype Branching Models. **2022**, 170-184 ○
- 15 Macroevolutionary analyses point to a key role of hosts in diversification of the highly speciose eriophyoid mite superfamily. **2023**, 179, 107676 1

- 14 The build-up of the present-day tropical diversity of tetrapods. ○
- 13 Island life accelerates geographic radiation in the white-eyes (Zosteropidae). ○
- 12 Phylogeography and transmission of *Mycobacterium tuberculosis* spanning prisons and surrounding communities in Paraguay. **2023**, 14, ○
- 11 Tempo and Mode of Genome Structure Evolution in Insects. **2023**, 14, 336 ○
- 10 phytools 2.0: An updated R ecosystem for phylogenetic comparative methods (and other things). ○
- 9 What is a mammalian omnivore? Insights into terrestrial mammalian diet diversity, body mass and evolution. **2023**, 290, 1
- 8 Parameter Identifiability of a Multitype Pure-Birth Model of Speciation. **2023**, 30, 277-292 ○
- 7 Deep learning approaches to viral phylogeography are fast and as robust as likelihood methods to model misspecification. ○
- 6 rphenoscate: An R package for semantic-aware evolutionary analyses of anatomical traits. ○
- 5 DAISIEprep: an R package for the extraction and formatting of data for the island biogeography model DAISIE. ○
- 4 Key innovations and the diversification of Hymenoptera. **2023**, 14, ○
- 3 A Comparison of Deep Learning Architectures for Inferring Parameters of Diversification Models from Extant Phylogenies. ○
- 2 Strong floral morphology conservatism during the rapid diversification of the genus *Helianthemum*. ○
- 1 Trait-based species richness: ecology and macroevolution. ○